2021 RURAL WATER SUMMIT

Agenda Packet

A joint initiative between McKinley County and the Northwest New Mexico Council of Governments

2021 Rural Water Summit

Tuesday, August 31, 2021

9:00AM – 4:00PM (Registration at 8:30AM)

McKinley County New Administrative Building
Conference Rooms # 201A, 208A

207 West Hill Avenue, Gallup, New Mexico

Purpose: This workshop is designed to help water systems to gain insight and gather resources on key issues, support, resources, and funding opportunities from our standing partners. Water systems throughout the northwest region are welcome to attend this all-day event. Lunch will be provided.

AGENDA

TIME	SESSION
9:00AM – 9:15AM	**Welcome and Introductions** (15 mins) Billy Moore, McKinley County District 1 Commissioner Doug Decker, McKinley County Attorney
9:15AM – 9:50AM	**Keynote Address** (35 mins) John Mumm, NM Office of the State Engineer Statewide Perspective on Water Planning, NM 50-Year Water Plan
9:50AM – 10:40AM	**Regional Water Plan Overview** (50 mins) Jeff Kiely, Former NWNMCOG Director, Dominique Cartron, Esq., Principal Author
10:40AM – 10:50AM	**10-minute Break**
10:50AM – 11:20AM	**Regional Water Commons Perspective** (30 mins) John Leeper, C.E., Engineer, Wood, PLC
11:20AM – 12:00PM	**McKinley CO Small Water Systems Regionalization Initiative** (40 mins) Ramon Lucero, RCAC Doug Decker, Attorney, McKinley County Dominique Cartron, Attorney, Dominique Cartron, Esq. Evan Williams, NWNMCOG Executive Director
12:00PM – 1:00PM	**LUNCH PROVIDED** *Catered by Grandma's Joe's*

TIME	SESSION
1:00PM – 2:00PM	**Panel Session: Agency Speed Dating** (60 mins) State agencies / programs that provide assistance to small water systems will have the opportunity to introduce their roles, types of assistance provided or funding available, and contact information.
2:00PM – 2:30PM	**Projecteering & Technical Assistance Session** (30 mins) Interactive Session to address biggest challenges and obstacles provided in small system surveys and projecteer several projects and how experts would position them for investment. Small water systems have the opportunity to connect with presenters and ask questions.
2:30PM – 2:40PM	**10-minute Break**
2:40PM – 3:10PM	**Legislative Preparation** (30 mins) *tentative* Patricia Lundstrom, NM District 9 State Representative
3:10PM – 3:50PM	**Next Steps & Wrap-up** (40 mins) Jill Turner, NMED Doug Decker, Attorney, McKinley County Dominique Cartron, Attorney Angelina Grey, Associate Planner
3:50PM – 4:00PM	**Final Questions & Closing** (10 mins)
4:00PM	**Adjourn**

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McKinley County Administrative Building, Conference Room 208A

207 West Hill Avenue, Gallup, New Mexico

Summit Notes

McKinley County's first rural water summit was highly attended by special districts, local leadership, working partners, consultants, and state agency representatives.

1. **Welcome and Introductions**. Doug Decker, McKinley County Attorney, started the welcome address 9:08AM. Decker thanked everyone for attending this event regarding water regionalization. Angelina Grey, Planner with the Northwest New Mexico Council of Governments (NWNMCOG), facilitated the summit and sessions. Copies of agenda, agenda packet, presentation slides and handouts can be found at http://www.nwnmcog.com/rural-water-summit.html

2. **Keynote Address**. John Mumm, Water Planner with the New Mexico Office of the State Engineer and the Interstate Stream Commission (ISC), delivered the keynote address. Mr. Mumm is currently the state's only water planner. The OSE/ISC is currently conducting public engagement assessments that will guide the development of the state's 50-Year Water Plan. Time is now critical to plan a course that will allow for more flexibility in managing water supplies and infrastructure in the face of extreme weather and a changing climate.

   Resiliency Assessment Initiation:
   - Engage decision-makers and experts to determine recommendations and strategies for regional water planning and state water plans.
   - Focus on different climatic regions and sectors of usage.
   - Develop capacity-building and engagement strategies to evaluate the potential resilience and vulnerability of different water use sectors (agriculture, watersheds, industrial, recreation, etc.).
   - Set the stage for plan recommendations.

   Leap Ahead Analysis:
   - Gather public input and comments through online surveys and webinars from water users, agencies, Tribes, and organizations.
   - Draft and refine assessments and projections Provide Leap Ahead document showing projections of changes and impacts to water resources.

   50-Year Water Plan Development:
   - Four-phases of development, with a timeline starting from February 28, 2021, through March 2022.
     - Phase 1 – (February 2021) Planning Approach and Coordination. Completed.
     - Phase 2 – (March – June 2021) Leap Ahead Analysis (assessment of current and future water resource conditions and risk). 90% complete.
     - Phase 3 – (July – November 2021) Outreach, Resilience Assessment(s) and Creation of Strategies to Achieve Resilience. In-progress.
     - Phase 4 – (December 2021 – March 2022) Produce, Review and Finalize Plan.
   - Determine how does climate change impact water resources and supply.
   - Plan, prepare and adapt to changing conditions, and to respond and recover, using the

Resilience Assessment Matrices. Determine gaps of issues based on future projections of the availability of water resources.
- Build a smart, sustainable and equitable water plan for future generations.

What will the 50-Year Water Plan contain?
- An executive-level report/plan with supporting materials, including all Leap Ahead Analyses, water budget, ways to improve, etc.
- Recommendations for state/federal agencies and organizations.

Upcoming Events:
- Webinars in September 2021.
  - Sept 20 – 2pm, "Agriculture and Livestock Watering."
  - Sept 22 – 3pm, "Public Water Systems and Domestic Wells."
  - Sept 28 – 2pm, "Watersheds and Habitat."
  - Sept 29 – 2pm, "Industrial, Commercial, Mining, and Power."
  - Sept 30 – 2pm, "Recreation and Quality of Life."
- In-depth Webinars Evaluating Resilience of Sectors.
  - Sept 21 – 2pm, "Evaluating Resilience of Irrigated Agricultural Areas."
  - Sept 23 – 3pm, "Evaluating Resilience of Public Water Systems."
- New Mexico Water Resources Research Institute Conference. October 26-28, 2021.
- State/Tribal Water Summit. November 2021. (*Tentative*)
- New Mexico Water Dialogue Annual Conference. January 2022.

For more information, go to: https://www.ose.state.nm.us/Planning/50YWP/index.php

3. **Regional Water Plan Overview**. Jeff Kiely, Consultant with Kiely Consultants and former executive director of the NWNMCOG, provided a broad overview of regional water planning, while Dominique Cartron, on-contract Attorney with Daniel B. Stephens & Associates (DSB&A), presented on the technical development of the regional water plan.

   History and Overview of Regional Water Planning: (Kiely)
   - Coming back around full circle on what was initially started back in the 1990s; hopeful for a positive outcome with regional water planning and the water regionalization.
   - Today's water challenges are different from 30 years ago but primarily with funding that provides actual resources for the water regional planning process and how allocations are distributed.
   - Question: Any mapping data available showing the relationship between water planning regions and hydrologic and climatic regions? Yes, GIS maps are available. Contact Mr. Mumm.
   - (1950s) Congress has been interested in the long-term water supply for this region, with discussions of developing the Navajo-Gallup Water Supply Project (NGWSP) continuing well into the 1980s.
   - (1990s) Discussion around issues with long-term water supply solutions for surface water, not groundwater supply that is continuously withdrawn daily.
     - County revamp NGWSP. State saw the importance of regional water planning.
     - State's first regional water plan drafted. The McKinley County Water Board created.
     - No ISC program structure in place to review/approve the regional water plans. Original draft submitted in 2004. Finally reviewed/accepted in January 2014.
     - San Juan Regional Water Plan was also completed consecutively, with the NGWSP in mind. No support on integrating both reports from ISC commission.

- (2003) First Town Hall meeting on water held, and the first community to tap into the New Mexico First policy and research process. Developed a collaborative report and developed a water board for the City of Gallup.
- The McKinley County Conservation Plan completed.
- The McKinley County Regionalization Plan completed, with the idea of regionalizing small water systems as the only solution that offers shared resources and services.
- Mariposa Domestic Alliance was created to get all the rural water systems in McKinley County to start working together on ways to regionalize.
- Quick history on NGWSP:
    - (1963) first Bureau of Reclamation (BOR) study completed.
    - (1983) NGWSP came to a full stop due to internal and technical issues between City of Gallup and the Navajo Nation.
    - (1992) The NGWSP was jumpstarted back up during Senator Pete Domenici's administration. Took 17 years to get Congress support and authorization.
    - (2009) acquired water settlement and approval of the U.S. Congress, and signature of President Barack Obama, authorizing the construction of the NGWSP and the creation of a program to fund the project. December 31, 2024, was the projected date of completion. A number of issues arose since the start of construction of the NGWSP in the San Juan Lateral. Currently, the next projected date of completion has been extended to 2027.
    - (2010) Second phase of the small systems regionalization initiative developed, including asset management, O&M plans, etc.
    - (2018) City of Gallup Drought Contingency Plan update, includes the water commons, regional water planning and the NGWSP.

- ISC Regional Water Planning handbook updated, includes a common technical program to update water plans, as a way to better integrate regional water plans into the larger state-wide water plan. Need to continue with dialogue and collaboration to refine this process. Be proactive.

<u>Technical Aspect of the Regional Water Planning</u>: (Cartron)

- DSB&A was contracted to help develop the state water plan and the regional water planning handbook. Cartron was the project manager. Worked with the ISC technical staff and the state engineers in developing the state water plan.
    - Issues from the first state water plan:
        - standard guidelines applied throughout the state's 16 different regions.
        - (2003) regions worked and updated (region-specific) regional water plans that were not incorporated into the state-wide plan.
        - (2010-13) state identified ways to integrate the regional water plans, recognize all the regional work behind it, develop a state-wide platform, and develop strong partnerships and technical assistance. Other priorities include gaining public interest, and identifying the PPPs (projects, programs, and policies).
    - Changes include:
        - Identify key strategies.
        - Ensuring representation and participation by local systems, steering committees, tribal governments, local governments and stakeholders.
        - Stakeholders include the following sectors: local governments, regional water providers, agriculture, extractive industries, environmental, etc.

- Regional water plans currently available on the ISC website, complete with technical details of water planning, etc. Regional water plans are updated every five years. The 2018 publication may be based on 2015 data, etc. Is the state looking to update these?
    - Key issue is to identify all the legal challenges and constraints involving regional water planning. All surface water accounted for and unavailable for new users.
    - Continued Discussion &: Process: what can or cannot be done. How are you going to plan for your region's water supply and demand? What are the population and economic trends to determine future water use and supply projections? What are the projected climatic conditions that will impact local and regional environments and ecosystems?
    - Decreasing water supply: Don't know how much is physically available and baseline – groundwater vs. surface water.

- Water planning is basically determining source of water supply, future needs and how those needs will be met.
    - Identify Gaps: what are the gaps between supply and demand? The larger the gap, the lesser resilient a small water system is.
    - Regional water data and public involvement process that developed PPPs.
    - Data input processing: did the state integrate public input? All key strategies identified and implementation steps.
    - Lack of water data and collection led to the creation of the Water Data Act, including groundwater tables, mapping, etc.
    - Researched water usage and existing water table data (rivers, etc.) to determine actual physical data available. Develop baseline to monitor changes, and future projections, based on climate change. Data points based on reality and historical drought and impacts.
    - Plan for resiliency. Regional determination on groundwater levels and impacts of climate change, the integration of the NGWSP, etc. Funding becomes key to getting this project completed and water distributed to communities. Too many infrastructure projects that need funding. Regionalization is key.

- Regionalization: the connection/relationship between the need for reliable water supply and for a regional water distribution system. City and County have existing JPA.
    - Surface water supply dependent on river and watershed restoration programs; source of yield. Impacts of ongoing drought.
    - Regional common needs: technical and funding assistance to get local community projects funded, citizen panels, ongoing regional planning committee, water systems upgrades, plan development, mapping, models, etc.
    - Efforts to focus on key areas that inform the state water plan, including water systems upgrades, well development, groundwater monitoring and modeling, watershed restoration, water planning, data sharing and developing small water systems regionalization or capacity develo.

<u>Questions</u>:

- What is the difference between Domestic Well Permit and One-Acre-Foot?
  All water has been appropriated and cannot buy new water rights but can request for domestic wells. For smaller users like for a handful of residences that need water are classified as such. In previous years, users were allowed 3-acre-feet of water but was changed to 1-acre-feet in 2003. Restriction and limitation on state statutes.

- How can regionalization be helpful to communities that may hesitate or have certain confusion about it? Regionalization is a ground-up process that involves communities talking and communicating with each other. State agencies looking at why there are a number of clustered domestic wells in a given area and have been pushing small water systems to regionalize. Its not a state-wide statute that forces communities to join.
- What is the current status on regional water planning and water plans? Is this an ongoing initiative by the state? Functional? Regional water planning is currently on hold by the Governor's Office because the State 50-Year Water Plan is still under development. Biggest issue with regional water plans is that the state does not have the funding to support regional initiatives. This will be stressed and recommended in the plan update. Future plan is to get full support and involvement by the legislators. Question raised due to the uncertainty of a reserved budget at the state level. Increase political buy-in. Connections need to functional. Initiation of policy and progress of key strategies to implement.
- Would the current administration favor the operationalization of regional water plans as a functional piece of the state water plan? No reason this administration would oppose this because, regionally, water resiliency and management at the local level is well-defined in comparison to the state level. Plan implementation is priority. The 2018 plan implemented most of the recommended regional strategies and PPPs. One problem is funding, especially for smaller water systems. Changing laws and statutes is more difficult than changing policies.

For more information on Region 6 Water Planning and supporting documents, go to: http://www.nwnmcog.com/region-6-water-plan.html

4. **Regional Water Commons Perspective**. John Leeper, Physical Engineer with Wood PLC engineering and consulting firm. Mr. Leeper has been involved with the Navajo-Gallup Water Supply Project (NGWSP) since its initial discussion through development.

    - The evolution of the NGWSP. If the project does not connect to communities, the project will not succeed. What are the obstacles to keep that from happening? This project overcame a number of obstacles to get here, and there is still opportunity to create a successful project.
    - San Juan River Diversion. San Juan and Cutler Laterals.
    - (1984) Environmental impact study conducted. Several sources of water identified to transport from San Juan to Gallup. The NGWSP line was preferred.
    - Closures of regional Generating Stations unforeseen: Mohave, Navajo and San Juan.
    - (2003) San Juan River Settlement made public. San Juan Generating Station shutdown. PNM contested any plans for NGWSP until it closed the SJGS. Availability of intake infrastructure and reservoir. Potential to include City of Farmington and others.
    - Cutler Dam and Lateral connected to the Navajo Indian Irrigation Project (NIIP) that was authorized in 1962, along with the San Juan Chama.
    - (1967) Colorado Pikeminnow added to the list of endangered species. Habitat was impacted by the development of the Navajo Dam.
    - (1971) Bureau of Reclamation (BOR) authorized to conduct feasibility study.
    - (1976) Turney Report was the basis for the 1984 Environmental Impact Statement, National Environmental Protection Act. Interlinked with the Animas La Plata (ALP) project and the Ute Water Settlement. (2000) Colorado Ute Indian Water Rights Settlement approved for the Farmington-Shiprock pipeline.

- (2003) Navajo Nation New Mexico San Juan River Settlement becomes public. This settlement dovetailed with the regional water planning. Resolution of the Upper Colorado Basin and Lower Colorado Basin compacts.
- (2006) Resolution of the Upper Colorado Basin addressed concerns of water availability of the Navajo Reservoir, a hydrologic determination. New Mexico Year of Water and groundbreaking of the Eastern Navajo Water Project. NGWSP transformative.
- (2009) BOR authorized to spend $870 million. Record of Decision addressed the environmental compliance.
- (2012) BOR broke ground on June 2nd. A statutory deadline set for December 31, 2024. NGWSP development schedule outlined in sequences: (1) Gallup region to Churchrock and Pinedale; (2) Torreon to Jicarilla Apache and the Cutler Lateral; (3) Yahtahey to Coyote Canyon junction; (4) Culter Lateral; ~~(5) Window Rock to Yahtahey~~; (6) San Juan River Diversion; (7) Sanostee to San Juan River Diversion; (8) Sanostee to Naschitti; (9) Coyote Canyon junction to Naschitti; and (10) Coyote Canyon to Dalton Pass. Gallup regional system built first.
- Project deadline extended to 2029. Reach 5 eliminated from project scope but buildout under Navajo Nation, the Indian Health Service and the City of Gallup. Connections built to Navajo Tribal Utility Authority (NTUA) supply points.
- Gallup regional system to connect to surrounding unincorporated (small water systems) communities. Local small water systems need to determine the challenges/obstacles preventing them from connecting to the NGWSP. What are the 'money' issues is categorized into capital, O&M, institutional obstacles, etc.? How do we overcome? Declining populations. NGWSP was supposed to an economic development engine.
- (2021) BOR now estimates a project shortfall of ~$330M based on a revised working cost estimate of $1.705B.

<u>Questions</u>:

- What are the specifics that need to be laid out? Need input from participants. What are <u>your</u> challenges/concerns? Need a list to tackle from each small water system. Time is crucial and this is urgent.
- Do we have the knowledge base to consider the matter? Need to collectively consider all the challenges and issues. A reminder that the City of Gallup and McKinley County do have a Joint Power Agreement (JPA) in place for the Gallup regional small water systems. There is a requirement for a 10-member water board. If we can get that today, it would be great. Using Williams Acres as an example to lay out some of the details. High-level steps outline under the JPA for small water systems:
    - City and County allocate funding to develop distribution lines,
    - form a board to be the main mechanism,
    - negotiate/establish rates, and
    - establish agreements with the City of Gallup.

  Systems need to work and plan on developing capacity to:
    - upgrade waterlines and equipment (e.g., meter readers, etc.), and
    - determine how to connect to NGWSP / Gallup regional distribution system
    - develop preliminary engineering,
    - present to the water board,
    - establish negotiations (between system, City Council and water board) and agreements on how to connect, design, construct, tie-in, O&R, etc.
        - Case study: Williams Acres WSD
    - Negotiate with / get final approval by city council (buy-in, distribution system).

- How will negotiations be determined if the options are to connect to the Gallup regional system, NGWSP and NTUA? That decision is up to communities on which line to connect to but do have the agreements in place with a respective entity. The idea was to have NTUA and Gallup provide the same service, quality and cost. Issues with purchasing power between City and small water systems: negotiating as a group is different from negotiating alone. Customers are crucial to making the NGWSP a successful project. A collective approach will be more beneficial under the JPA. The board can also establish an agreement with all the terms and conditions that will be the same for all the systems.
- What about the small water systems that are outside the Gallup regional area? Reducing the mining of underground water is key. If this water gets depleted, then folks in Whispering Cedars are not impacted.

5. **McKinley CO Small Water Systems Regionalization Initiative**. Evan Williams provided a brief summary of the regionalization with Dominique Cartron providing additional information.

    - Agenda established to outline what the County has done in terms of past efforts between 2000 and 2015, including the following:
        - (2003) Gallup Water Town Hall.
        - (2004) Region VI Water Plan approved.
        - (2005) McKinley County Water Board.
        - (2008) McKinley County Small Water Systems Regionalization Plan developed, including water system summaries, regional integration strategies, and regional implementation.
        - (2010) McKinley County Small Water Systems Regionalization Plan Phase II completed, including Operations and Maintenance (O&M) and Asset Management plans, and tie-in agreements with local governments.
        - (2015) Bureau of Reclamation (BOR) Appraisal Level Investigation reporting completed, including water supply alternatives and demand estimates, systems long-term water supply plans, and cost analysis and ability to pay.
    - Next steps including the implementation of preferred alternatives for the small water systems that were part of the BOR appraisal level investigation report.
        - McKinley County is committed to see these planning efforts to completion.
        - Continued work with regional small water systems, including securing agreements and participating in future planning efforts.
        - Continued outreach to communities.
        - Continued partnerships and collaboration with state agencies and organizations to develop safe access to basic water services.
        - Develop website with resources and access to important information for communities and regional small water systems.
        - Conduct outreach and public meetings with other communities that may be interested in the county's regionalization initiative, as well as determining ways to get connected to the Navajo Gallup Water Supply Project.
        - Continued work on water regionalization process with Dominique Cartron and other partners, including research and full drafting of a Joint Powers Agreement between regional small water systems and local governments.
    - Recent Efforts focused on the following:
        - NGWSP value planning.
        - Organizational support for the water regionalization initiative.
            - McKinley County set-aside resources from its local reserves to support

regional small water systems with “low-hanging fruit” projects, such as land acquisition, preliminary studies, etc.
        - County revamped the regional water commons meeting platform that was first started in the early 2000s.
    - Project support for:
        - Williams Acres Water and Sanitation District (WSD). Water distribution system project to be funded through the Water Trust Fund program, including the development of a Preliminary Engineering Report (PER) and the final design of Phases I through III. Project to develop a fully functional water distribution system that is connected to both the Gallup Regional Water Distribution System and the NGWSP transmission line.
        - White Cliffs Mutual Domestic Water Users Association (MDWUA). Water improvement project to be funded through the Community Development Block Grant (CDBG) construction grant. Project to develop a new water storage tank and a new distribution line equipped with automated meter readers that will be tied-in to existing waterline infrastructure within the community.
        - Catalpa Water Association (WA). New water distribution system project seeking funding for final construction and tie-in to the NGWSP transmission line and the Gallup Regional Water Distribution System.
        - Allision WA. Development of a PER that determines potential design and construction priorities for a new water distribution system for the entire community. The development of a PER to potentially funded through a CDBG planning grant that is still in process. County and its standing partners to determine next steps.
        - Ramah WSD. Water improvement project to potentially be funded through the WTF funding program. Application still in process. First phase of project focused on pre-planning activities, including land acquisition, environmental and archeological clearances, design, etc. County and its standing partners to determine the issue of an outdated PER that was completed in 2013.
    - NMED administrators recognized the efforts involving the county’s water regionalization initiative and has offered to provide assistance through respective programs and focused funding. NMED submitted an Environmental Protection Agency (EPA) Water Infrastructure Improvements for the Nation Act (WIIN) grant on behalf of the County and its regional water systems. Grant still pending and updates are forthcoming.
- Future Efforts focused on the following:
    - County and its standing partners to decide on holding a Water Summit on an annual basis or on a focused-planning strategy basis.
    - Continued efforts in public engagement through bi-monthly/quarterly regional water commons meetings and other supporting activities. COG to manage and facilitate these events and activities with continued monitoring and updates on COG “Water” webpage.
    - Continued efforts in the water regionalization initiative with interested groups.
    - Continued working relationships and partnerships with state agencies and organizations, including NMED and RCAC.

6. **Panel Session: Agency Speed Dating**. Ms. Grey organized and facilitated each agency presentation. A total of twelve (12) state agencies participated in this panel session. Each were allotted five-minutes to (a) introduce themselves, (b) give a broad overview of the programs and types of technical assistance provided to small water systems, and (c) wrap up with their respective contact information.

   Here is the list of agencies that participated:

   a. NM Department of Finance and Administration (DFA): presentations on the Infrastructure Capital Improvement Plan (ICIP) and the Capital Outlay program.

   b. NM Environment Department (NMED): presentations from several programs and opportunities, including the Construction Programs Bureau, Drinking Water Bureau, Technical Services Program, and the Community Services Program.

   c. NM Finance Administration (NMFA): presentations made on the Water Trust Fund program that administer the Water Trust Board application grants, and another presentation on the various grant programs, including the Public Project Revolving Loan Fund, Drinking Water State Revolving Fund, and the Local Government Planning Grant.

   d. Southwest Environmental Finance Center (SWEFC): presentations on types of programs available for small water systems, as well as some funding opportunities. Program is managed out of the University of New Mexico's Center for Water and the Environment (CWE) program.

   e. NM Office of the State Auditor (OSA): presentations on tiered-systems and program support for small water systems.

   f. U.S. Department of Agriculture – Rural Development NM (USDA-RD NM): presentation on types of technical assistance available for small water systems and some funding opportunities.

   g. NM Water and Wastewater Association (NMWWA): presentation on types of technical assistance available for small water systems and training opportunities for small water systems, board of directors, and water operators.

   h. Missed presentations: NM Rural Water Association (Bill Connor) and the Rural Communities Assistance Cooperative (Ramon Lucero).

7. **Projecteering and Technical Assistance.** This session was an opened dialogue on current issues with small water systems and used real projects, including:

   a. Project 1: Ramah WSD / Yahtahey WSD wastewater projects. ICIPs completed. PER updated.

   b. Project 2: Williams Acres WSD Water Distribution System project. "Entity" a group of smaller systems. Grant application process, match funding, financial capacity, etc. Median Household Income (MHI) used by several funding sources.

   c. Project 3: White Cliffs MDWUA Water Supply Project. CDBG funding program, issues with predevelopment and land acquisition.

   d. Project 4: Drainage Master Plan. Need to determine stakeholders, community buy-in and match funding.

8. **Legislative Preparation.** Presentation reiterated the need for and importance of small water

systems to complete their ICIPs on an annual basis. Presentation covered NewMARC, COG's role in regional planning initiatives, and projecteering strategies. Planning is a 360-day task. Planning tasks to keep in mind: CPMS Reporting, ICIP, and the Legislative Session.

9. **Next Steps & Wrap-up and Final Questions & Closing**. This session was dismissed due to the closing of the event.

Summit Take-Aways

The County and COG will continue to work closely with small water systems and the regionalization initiative by providing continued technical assistance and support to get local infrastructure projects funded and completed. There was little participation from the County's "new" small water systems with Ramah WSD and a representative from the Allison community in attendance. COG also plans to organize a separate mini workshop for these "new" systems in either November or December 2022. County and COG need to determine what other small water systems to incorporate into the County's Regional Water Commons.

Some of the key take-aways from this event are the following:

1. NM 50-Year Water Plan.
    - Mr. Mumm currently the only water planner with OSE-ISC.
    - ISC currently in the process of developing the New Mexico 50-Year State Water Plan. Need input on regional water planning.
    - Small water systems strongly encouraged to participate and submit input regarding our regional concerns and issues.
2. McKinley County Water Regionalization Initiative.
    - Continued dialogue with small water systems interested in starting the regionalization process.
    - Schedule one-on-one meetings with regional small water systems. Update forthcoming.
    - Continued updates for County administrative staff involved in this process.
3. Follow up activities with Regional Small Water Systems.
    - Continued support for regional small water systems, including ICIPs and Capital Outlay requests and submissions.
    - Develop a separate workshop for "new" and "distinctive" small water systems seeking to get re-established as a recognized entity that is in compliance with all state and federal requirements and regulations.
4. You can download copies of any of the presentations or handouts from this summit at: http://www.nwnmcog.com/rural-water-summit.html

For other information regarding our regionalization initiatives, the Navajo-Gallup Water Supply Project, etc., please visit the separate links listed under the "**Water**" tab. http://www.nwnmcog.com/water.html

(*Hover your mouse-pointer over the Water tab to get the list*.)

AGENDA

1. Welcome and Introductions
2. Keynote Address
3. Regional Water Plan Overview
4. Regional Water Commons Perspective
5. McKinley CO Small Water Systems Regionalization Initiative
6. Lunch
7. Panel Session: Agency Speed Dating
8. Projecteering & Technical Assistance Session
9. Legislative Preparation
10. Next Steps & Wrap-Up
11. Final Questions & Closing
12. Adjourn

WELCOME & INTRODUCTIONS

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

KEYNOTE ADDRESS

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

50-Year Water Plan Overview

John Mumm, Water Planner
New Mexico
Interstate Stream Commission

Smart Water Management –
Sustainability –
Equity –

50-Year Water Plan Big Picture

Seeking Engagement of Experts and Stakeholder Expertise from across New Mexico

- Science Foundation > Climate Change Leap Ahead to 2070 – Engaging New Mexico Climate and Water Science Experts
- Resilience Assessment > Engaging New Mexico “Boots On-The-Ground” Decision Makers and Experts
- Adaption Strategy(s) Development > Engaging New Mexico Boots On-The-Ground Experts, Decision Makers, and the Climate and Water Science Experts.
- Recommendations > Policy, Operations/Land Management, Local decision making/makers, and Research

Outreach and Interaction to Define Resilience Assessment

September 2021 - Resiliency Assessment Initiation

- Present draft resilience assessment tools for public input
- Gather input and refine tools
- Release tools for public use in October

We plan to use resilience matrices (in development), and other potential assessment tools, to engage with stakeholders to investigate and show their level of resilience to the expected changes.

- Focus on different climatic regions and sectors of usage
- The resilience assessment will inform strategy building and help evaluate the potential resilience / vulnerability of different water use sectors.
- Set the stage for plan recommendations.

Leap Ahead – Next Steps

- Provide Leap Ahead document showing projections of changes and impacts to water resources
- Get feedback from NM water users, State and Federal agencies, Tribes, Pueblos and Nations, and NGOs on the projections and on the Leap Ahead analysis,
- Refine Leap Ahead results, as needed and technically correct, to be more meaningful to water decision makers

Outreach and Interaction on Resilience Assessment to Build Goals and Strategies

October 2021 to January 2022

- Assessing resilience can be done in a number of ways and the approach for New Mexico as a whole and for sectors is being evaluated.
  - In general, we plan to assess various levels of ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.
  - Assess by using Matrices based on Water Use Sectors and Climate Regional
- Resilience assessment outcomes will inform discussions on how to maintain or improve resilience to achieve sustainable, equitable, and stewardship goals.
- Build adaptation strategies to achieve goals.

Assessment of Impacts of Climate on New Mexico Water Resources over the Next 50 Years

A Foundation for the New Mexico 50 Year Water Plan

A collaboration between two state-funded agencies

New Mexico Bureau of Geology and Mineral Resources
New Mexico Tech
Earth Science for the 21st Century

Office of the State Engineer
nm
Interstate Stream Commission

An experienced team of New Mexico research experts was assembled to work together, to assess the state of knowledge and develop a review report

- Dave Gutzler (climatologist)
- Fred Phillips (hydrologist)
- Craig Allen (ecologist)
- Dave DuBois (climatologist)
- Phil King (civil engineer)
- Les McFadden (soil geoscientist)
- Bruce Thomson (environmental scientist/engineer)
- Anne Tillery (surface systems specialist)

The process……

February – June:

Zoom meetings to outline report chapters, and discuss each chapter's focus

→ Eleven chapters were written by authors, or teams of authors

Internal reviews by other team members, and by the three study editors

July:

Five scientists (four from NM, one from AZ) are providing independent reviews of the entire study document.

August:

Authors are presenting outreach/education webinars on their chapters, with Q&A sessions

Authors respond to independent reviews; draft report ready for public comment by end of Aug

September:

Public comment period

October – November:

Authors will respond to public comments and finalize the report by the end of November

BUREAU OF GEOLOGY AND MINERAL RESOURCES

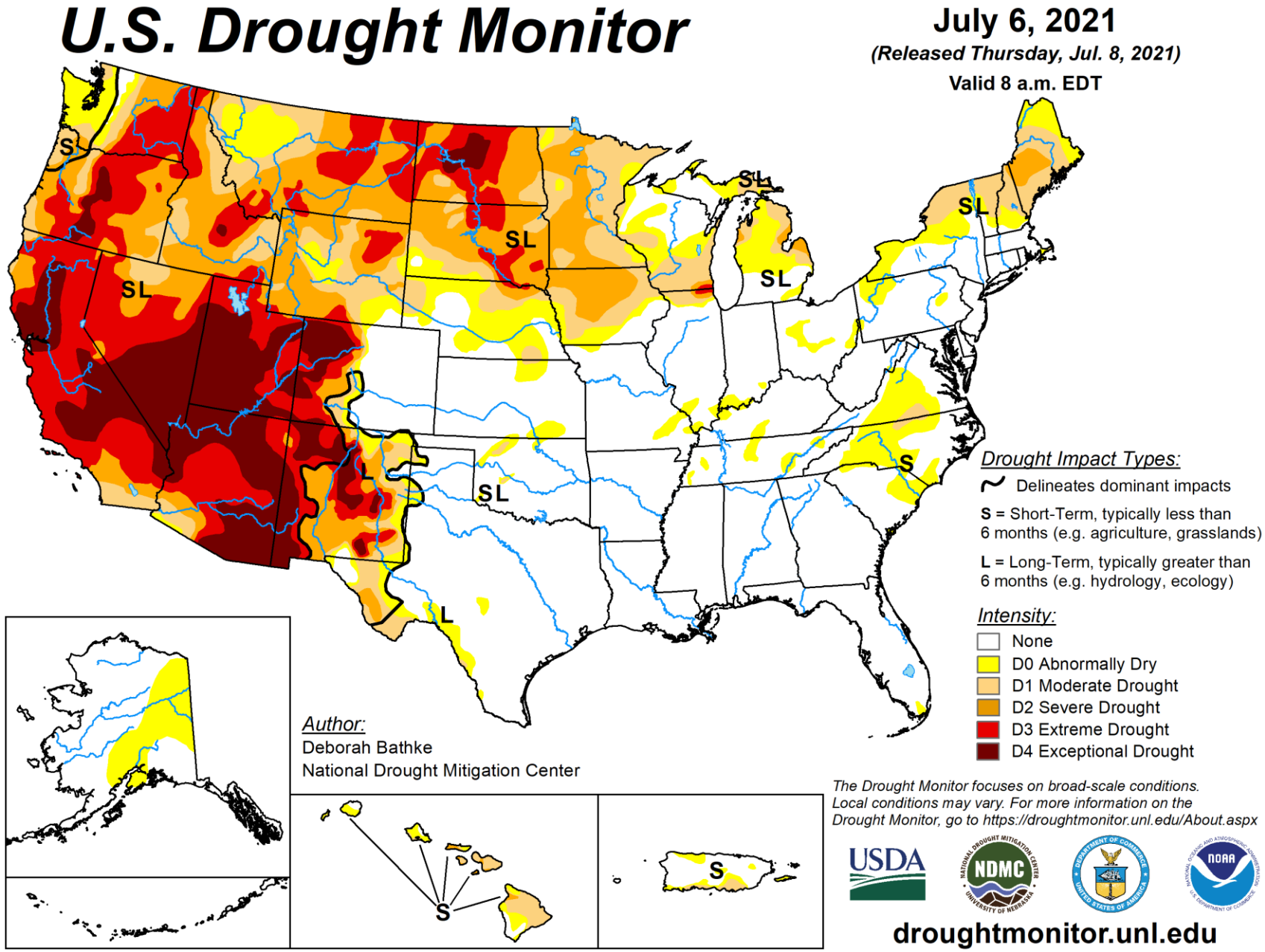
Climate change is impacting New Mexico's water resources in multiple ways

- Lower streamflow and recharge because of increased aridity
- Greater interannual variability in precipitation
- Hotter, more severe droughts
- Decreasing snowpack → earlier and diminishing snowmelt runoff
- Greater demands on groundwater
- Vegetation stress
- Increasing catastrophic forest fires
- Increasing flooding/sediment transport
- Irreversible damage to soils through loss of vegetation and erosion
- Degraded quality of surface waters

Planning for Resilience

Definition: The ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions.

- **Changing Conditions for Water Resources and Climate are showing:**
  - **Impact of climate change on New Mexico's water resources is overwhelmingly negative**
  - **Temperature will rise between 5 and 7°F, and precipitation is likely to remain constant, with possible higher incidences of extreme precipitation.**
  - **Aridity will increase due to higher air temperatures, leading to lower runoff and recharge**
  - **Snowmelt will be earlier and less**
  - **Decreased surface water will lead to greater use of groundwater**
  - **Vegetation communities will change, exacerbated by increasing incidence of wildfire, and protective soils will be lost, leading to less recharge and increased dustiness**
  - **Erosion and sedimentation patterns will alter as a result of both warming climate and increased wildfire, disrupting surface water flow patterns**
  - **Water quality will decrease through higher temperatures, lower dissolved oxygen and possible increase *Ecoli* bacteria**
  - **Different regions of New Mexico will experience different impacts, and mountainous regions will be particularly impacted**


U.S. Drought Monitor
July 6, 2021
(Released Thursday, Jul. 8, 2021)
Valid 8 a.m. EDT
S
SL
L
Drought Impact Types:
Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought
Author:
Deborah Bathke
National Drought Mitigation Center
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx
USDA
NDMC
NOAA
droughtmonitor.unl.edu

Are you Resilient?

Examples of Resiliency in recent years

- New Mexican's have a long history of living in drought conditions and being resilient
  - Acequias, Pueblos, Tribes, etc
- The NMISC developed the 2018 State Water Plan
- The NMISC development of the Regional Water Plans
- Municipalities who have planned for drier and more variable times:
  - ABCWUA 100-Year Plan,
  - City of Santa Fe Long-Range Plan,
  - San Juan Water Commission Animas-La Plata Project Plans,
  - Eastern New Mexico Pipeline Project – Over $1 Billion expended or committed.
- Irrigated Agriculture who has been responding
  - Conservancy and Irrigation District System Improvements and Conservation
  - $16 M to Acequias construction projects in 2020 and 2021
- Indian Water Rights Settlement Projects: Navajo Gallup, Aamodt, Taos etc. – Over $2 Billion committed
- State Engineer Implementing Active Water Resources Management – Rio Chama, NTP, Gallinas, Mimbres, Animas, MRG (in progress/development)
- NMISC Strategic Water Reserve Implementation
- Reclamation's Basin Climate Studies – Pecos, Santa Fe, San Juan, Rio Grande (in progress)
- USACE Projects/Authorizations – MRG Flood Control, Abiquiu Native Water Storage, etc.

Resilience Assessment Matrix Example

*Water Use Sectors and Climate Region will Frame the different Matrices

Summary of Climate Change Impacts			
Climate Change Shock	Supply	Demand	Safety
Warmer Temperature		x	
Longer Growing Season		x	
Reduced Runoff	x		
Reduced Recharge to aquifers	x		
Earlier Snow melt	x		
Prolong drought	x	x	
Increased Frequency of Fires	x		x
Increased Frequency of Floods			x
Increased Erosion	x		

One Possible Matrix of Resilience for Public Water Systems

		Low Resilience				High Resilience	
Criteria	**Score**	**1**	**2**	**3**	**4**	**5**	**WEIGHT**
	Water Supply						
1	Water Supply Diversity	90-100% SW, 0-10% SW	80-90 % SW, 10-20% SW	>70-80% SW, 20-30 % SW	60-70% SW, 30-40% SW	40-60% SW	2
2	Availability of Supply: Surface Water Ratio Min Flow to 2015 SW Diversion	<1	2-10	11-20	21-50	>50	1
3	Supply Availability: Groundwater supply that is from a stream-connected aquifer or mined aquifer	In a Closed Basin, an OSE Declared Groundwater Basin that has declining water levels		Part in closed, part in stream connected		In a Compact Basin, Stream connected	2
4	Infrastructure Capacity: Number of Wells (need to scale based on population served)	1 well	2 wells	3-5 wells	6-10 wells	> 10 wells	1
5	Infrastructure Capacity: Treated Water Storage	0-3 days	4-6 days	7-10 days	11-14 days	>15 days	1
6	Capture and Store Spring Runoff	No Storage, stream supplied	No Storage, Spring Supplied			Reservoir Storage	0.5
7	Watershed Health: Post Fire Erosion Risk	3-4	2-3	1-2	1-0	0	1
	Water Demand						
8	Sharing Agreements	No Rules				Adopted Rules	**1**
9	Pattern of landscape watering	high gpcd (>200) indicates community accustomed to high outdoor watering, a demand that will increase with higher temperatures	150-200	100-150	50-100	Low gpcd (< 50) indicates a community that will not see a significant increase in demand due to warming temperatures	1

Importance of Maintaining or Becoming More Resilient Matters

- Severe drought continues
- Future projections show water resources availability will decrease
- Find gaps of issues now and not after things get worse
- Figure out obstacles that could get in the way of becoming resilient now and not when you can not make a change
- Build a water plan that follows:
  - SMART WATER MANAGEMENT – We must be good stewards of our precious water supply and prepare for the impact of our changing environment
  - SUSTAINABILITY – We must manage our water to meet the needs of today while ensuring a reliable supply of clean water for future generations
  - EQUITY – with a system that serves all New Mexicans

What the 50 Year Water Plan will Contain

- **The 50-Year Plan - An executive level report/plan with supporting materials -**
  - **Overview of Anticipated Changes across our landscape and Outreach Efforts**
  - **Goal of Resilience in the Face of Climate Change – What Resilience means**
    - **Identify where New Mexicans are resilient to the anticipated changes**
    - **Identify where more work is needed to improve resilience**
  - **Provide recommendations for improved resilience**
    - **Policy – State, Federal, Local - NMISC Organization, NMOSE, Non-Government Organizations**
    - **Operations/Land Management**
    - **For Local decision making/makers**
    - **Research**

- **Supporting Materials**
  - **NMBG&MR Water Matters report – Climate Change "Leap Ahead" Assessment**
  - **WRRI – New Mexico Water Budget Incorporating the "Leap Ahead"**
  - **ISC Web materials from Leap Ahead, Water Budget, and More – For use by decision-makers**

UPCOMING EVENTS September 2021 to January 2022

Please visit our webpage for the latest and events!

https://www.ose.state.nm.us/Planning/50YWP/index.php

Please participate and attend these outreach events!

SEPTEMBER 1, 2021 @ 2:00 PM

Resiliency Assessment Information Forum - NMISC

https://attendee.gotowebinar.com/register/1306691920903732750

SEPTEMBER MEETINGS

Resiliency Assessment

OCTOBER MEETINGS

Climatic Regional

OCTOBER 26-28, 2021

NEW MEXICO WATER RESOURCES RESEARCH INSTITUTE CONFERENCE

NOVEMBER 2021

STATE/TRIBAL WATER SUMMIT (TENTATIVE)

JANUARY 2022

NEW MEXICO WATER DIALOGUE ANNUAL CONFERENCE

50 Year Water Plan for New Mexico
- Website-

VISIT OUR WEBSITE FOR FURTHER INFORMATION

https://www.ose.state.nm.us/Planning/50YWP/index.php

For Questions and Comments on the Leap Ahead Analysis Webinars or on the Resilience Assessment Process, please use the Public Input Comment Page:

https://nmose.isc.commentinput.com/

If you want to get contacted on future events, please email:
NMWaterPlanning.ISC@state.nm.us

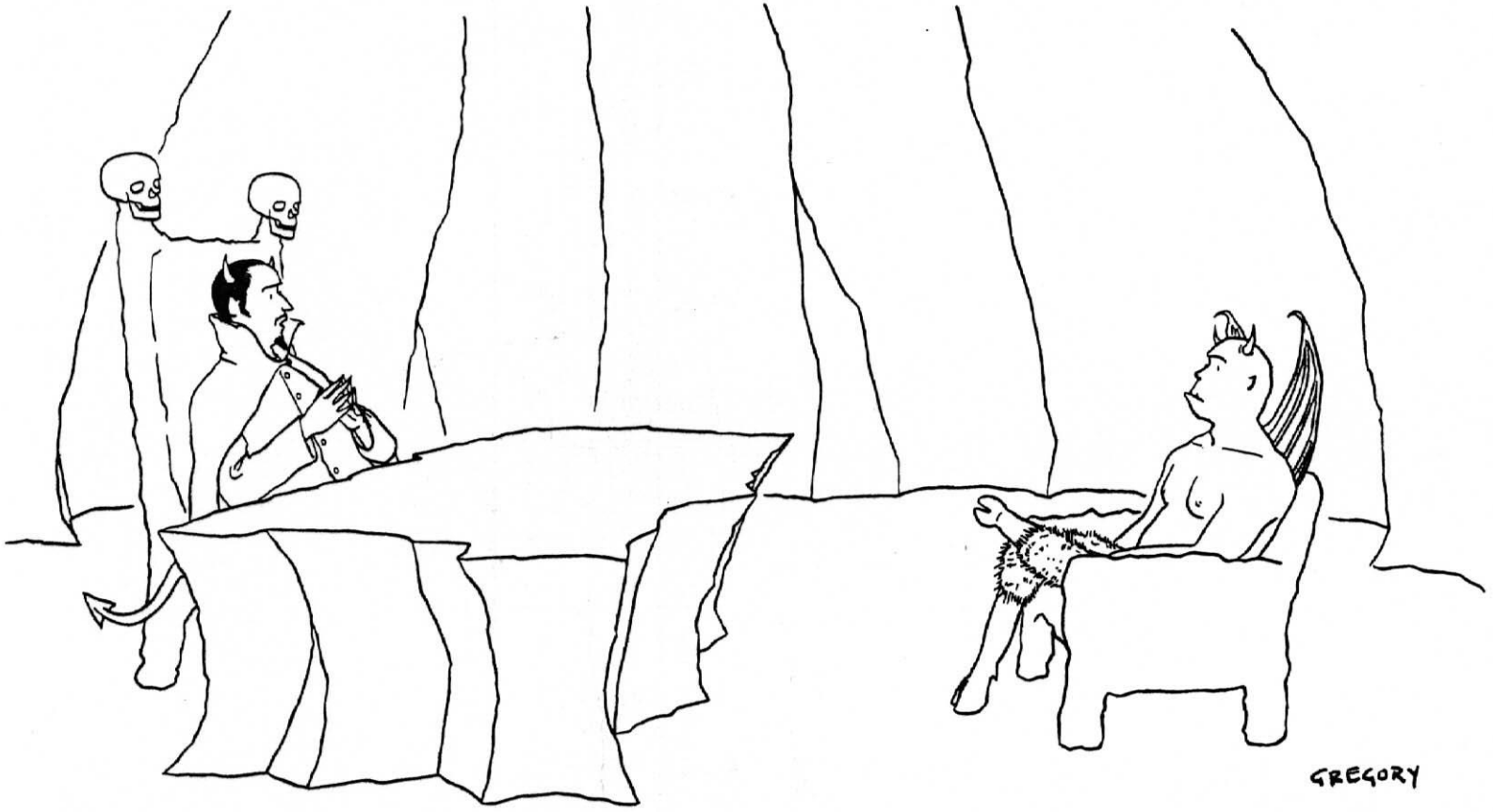
REGIONAL WATER PLAN OVERVIEW

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

The Navajo Gallup Water Supply Project

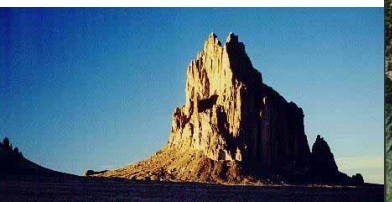
John Leeper, PE, PhD, Wood E&IS

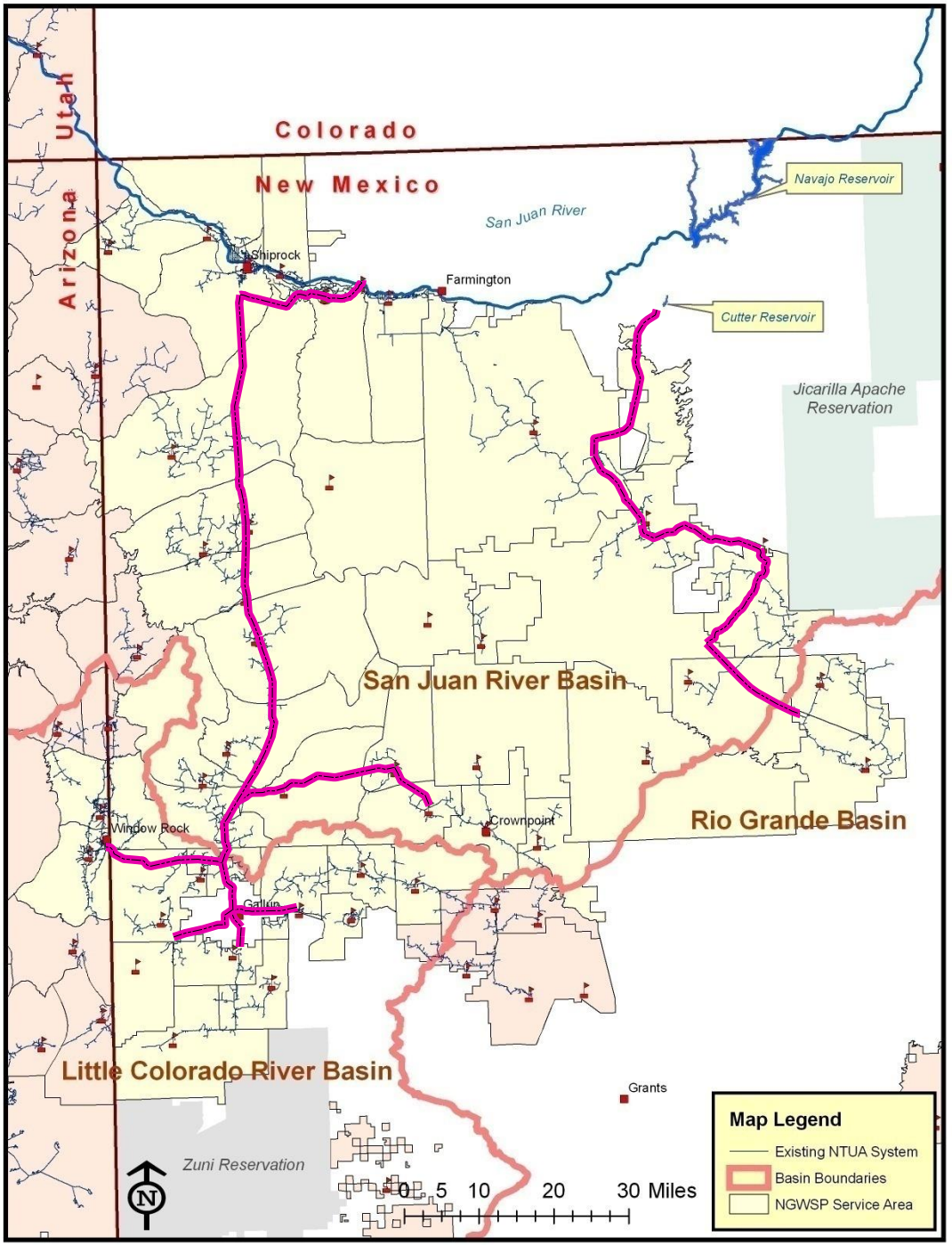


"I need someone well versed in the art of torture—do you know PowerPoint?"

1. The NGWSP

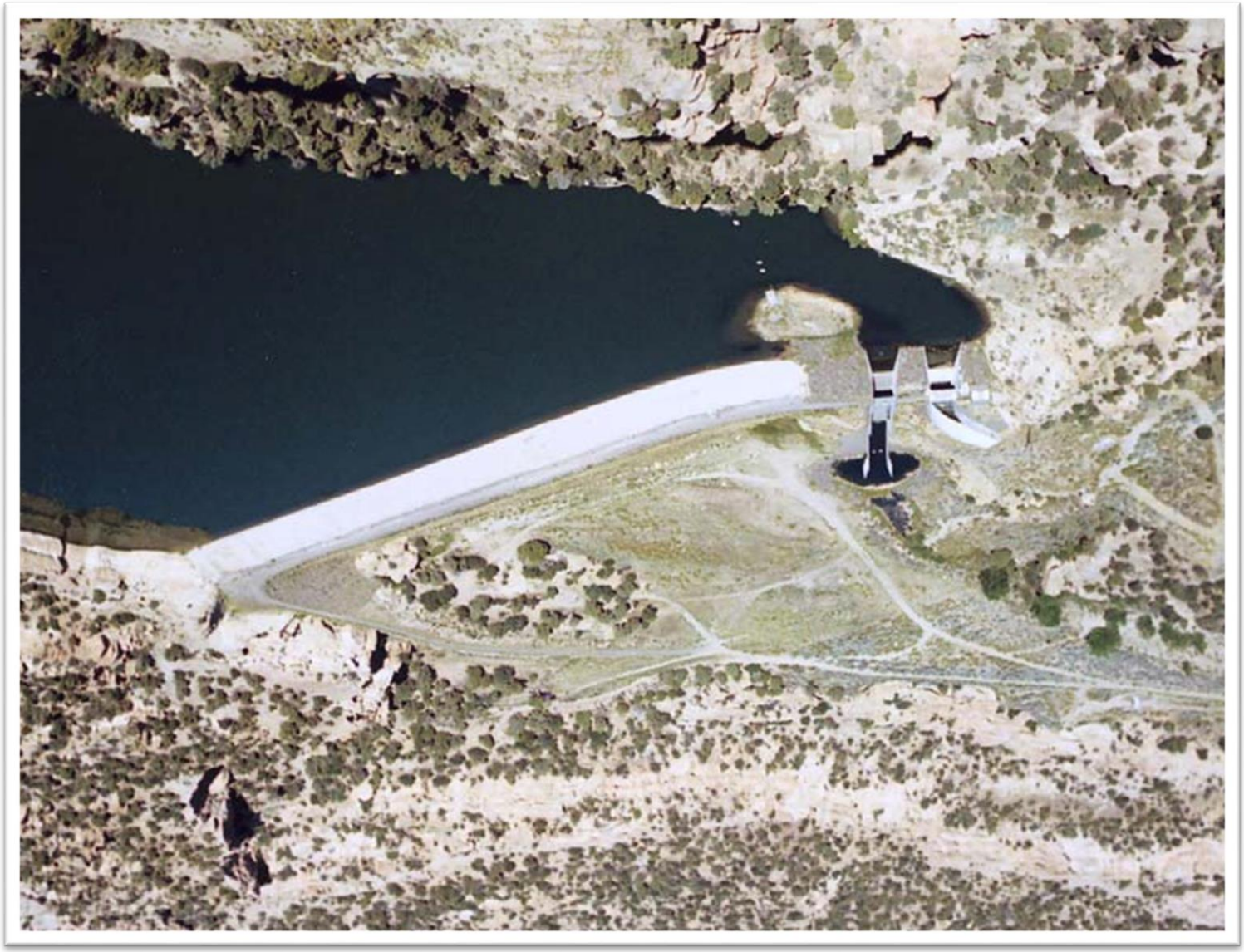
- Divert 60 cfs San Juan River water near the Upper Fruitland Chapter.
- Convey water along N36 and south along US491 to Window Rock, Crownpoint, and the Gallup area.
- Divert 10 cfs from Cutter Reservoir to eastern portions of the Navajo Reservation and Jicarilla Nation.
- 234 miles of pipeline and 20 pumping plants.





2. The San Juan River Diversion

3. The Cutter Dam and Lateral



4. Memory Lane 1950's and 1960's

- 1958 - Congressional Hearings on the Navajo Indian Irrigation Project (60 years ago).
- 1960 - Banner and Associates report on a 20-Inch diameter pipeline to deliver 5 MGD to the City of Gallup and 1.5 MGD to Window Rock.
- 1962 - Navajo Indian Irrigation Project and San Juan Chama authorized.
- 1967 – Colorado Pikeminnow listed as endangered.

Up to six feet long weighing up to 80 pounds!

Photo courtesy of Dale and Max Stewart

Photo courtesy of Wendell Minkley

5. Memory Lane 1970's and 1980's

- 1971 - Congressional authorization for feasibility studies (48 years ago).
- 1976 – Turney Report was the basis for the 1984 plan formulation.
- 1984 – Compliance with the National Environmental Protection Act -Draft Environmental Impact Statement (35 years ago).

6. Memory Lane 1990's

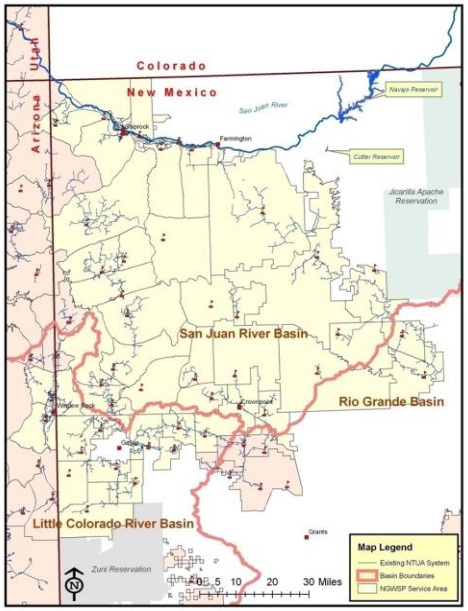
- 1991 – USFWS designated much of the San Juan River as critical habitat for the Colorado Pikeminnow.
- 1992 – Biological Opinions for Animas La Plata and NIIP Block 7 and 8 included the 7 year research program and the 7 year recovery program. (29 years ago)
- Interdisciplinary Reports.
- 1999 - Flow recommendations enabled additional NIIP Blocks to be constructed. (Re-operation of Navajo Dam, rearing ponds, improve fish passage).

7. Memory Lane 2000 to 2005

- 2000 – The Colorado Ute Indian Water Rights Settlement Act Amendments of 2000 includes Navajo Nation Municipal Pipeline from Farmington to Shiprock.
- 2003 – The Navajo Nation New Mexico San Juan River Settlement becomes public (more than 90 Chapter meetings).

8. Memory Lane 2000 to 2006

- 2003 - Resolution of the Upper Colorado River Commission addressing concern that New Mexico could not use its Upper Basin allocation of water in the Lower Basin as defined in Article 2 of the Colorado River Compact.



WHEREAS, the states of Colorado, New Mexico, Utah and Wyoming all support the proposed Navajo-Gallup Water Supply Project, but the states are not in agreement as to whether, under the Law of the River, New Mexico may use a part of its Upper Basin apportionment to serve uses in the Lower Basin portion of New Mexico, without obtaining the consent of the other states. However, in the spirit of comity, and without prejudice to the position of any state regarding these unresolved issues, all the states support and to the extent necessary consent to the Navajo-Gallup Water Supply Project in New Mexico.

NOW, THEREFORE, BE IT RESOLVED by the Upper Colorado River Commission that the States of Colorado, New Mexico, Utah and Wyoming, support and to the extent necessary consent to the diversion of water from the Upper Basin for use in the Lower Basin solely within New Mexico via the proposed Navajo-Gallup Water Supply Project; provided, that any water so diverted by said project to the Lower Basin portion of New Mexico, being a depletion of water at Lee Ferry, shall be a part of the consumptive use apportionment made to the State of New Mexico by Article III (a) of the Upper Colorado River Basin Compact; and

9. Memory Lane 2000 to 2006

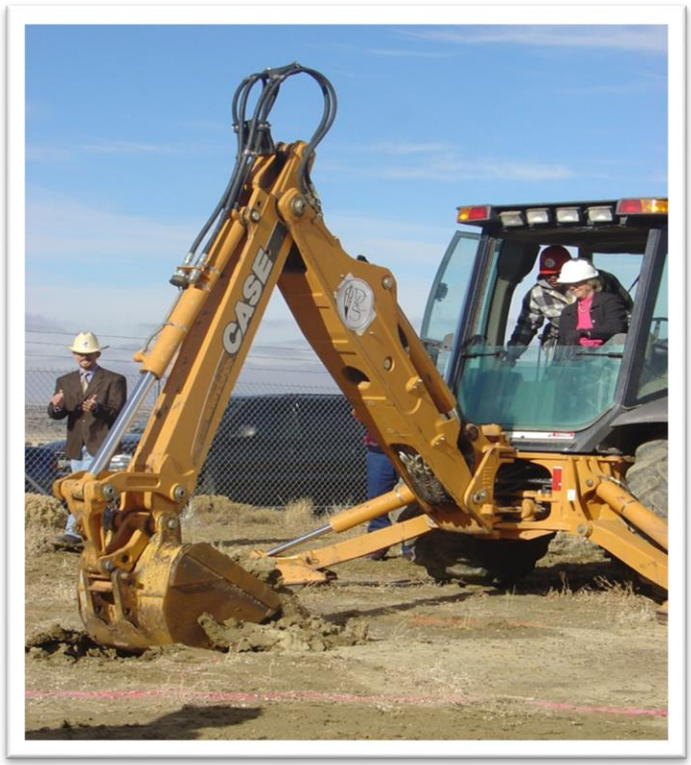
- 2006 - Resolution of the Upper Colorado River Commission addressing concern that water is available from Navajo Reservoir (Hydrologic Determination).

WHEREAS, the Upper Colorado River Commission on June 19, 2003, resolved that: (1) "the States of Colorado, New Mexico, Utah and Wyoming, support and to the extent necessary consent to the diversion of water from the Upper Basin for use in the Lower Basin solely within New Mexico via the proposed Navajo-Gallup Water Supply Project; provided, that any water so diverted by said project to the Lower Basin portion of New Mexico, being a depletion of water at Lee Ferry, shall be a part of the consumptive use apportionment made to the State of New Mexico by Article III (a) of the Upper Colorado River Compact;" and (2) "the Upper Colorado River Commission supports such Congressional action as may be necessary to authorize the Navajo-Gallup Water Supply Project."

NOW, THEREFORE, BE IT RESOLVED by the Upper Colorado River Commission, that the Commission supports Congressional action to: (1) approve the Settlement Agreement; (2) authorize the proposed Navajo-Gallup Water Supply Project; and (3) approve the proposed Settlement Contract for the Navajo Nation's uses in New Mexico from the Navajo Reservoir supply under the Navajo-Gallup Water Supply Project and the Navajo Indian Irrigation Project.

10. Memory Lane 2000 to 2006

- 2006 – New Mexico Year of Water and break ground on Eastern Navajo Water Project.



11. Memory Lane 2006 to 2010

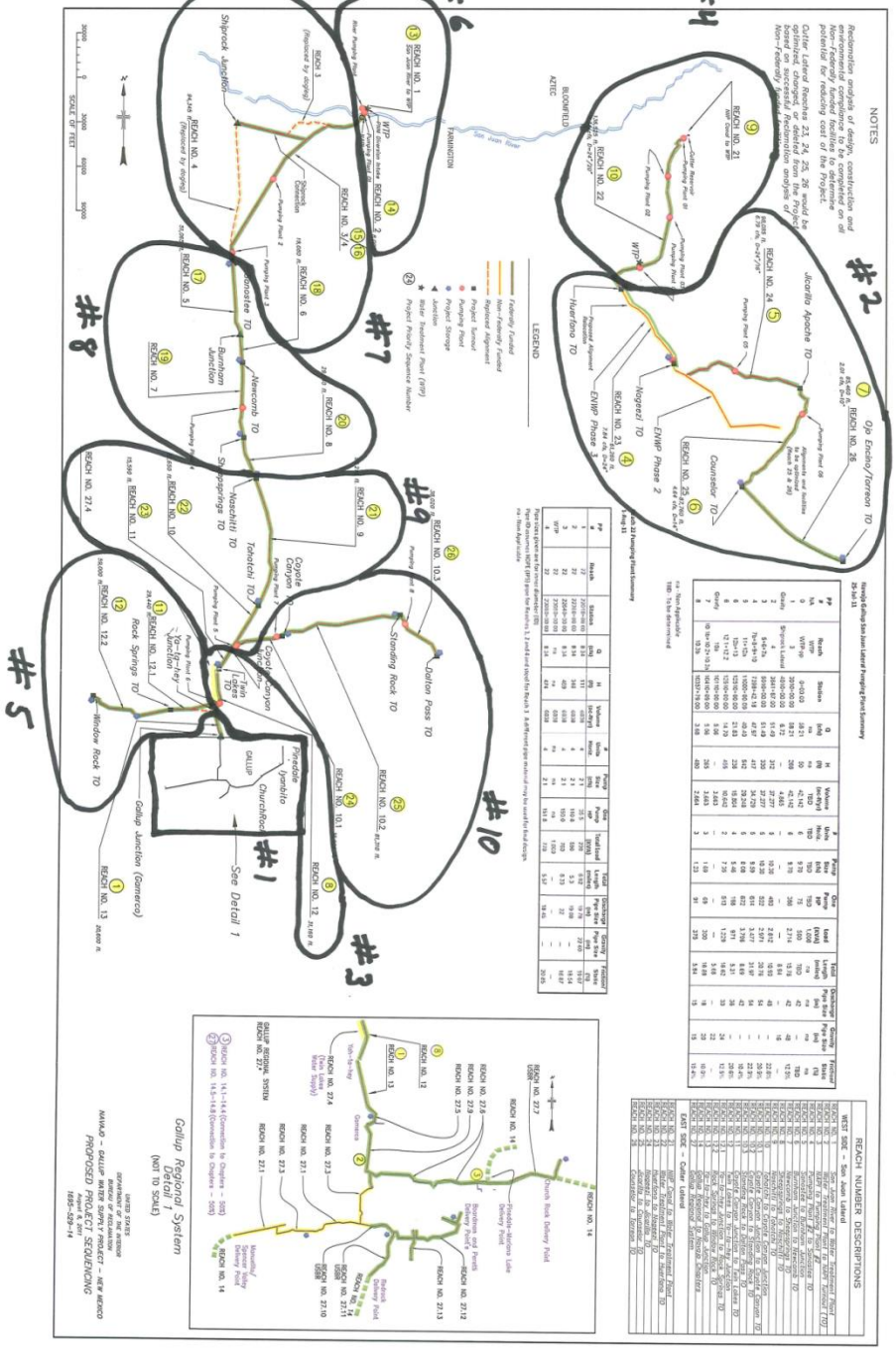
- 2009 – Omnibus Public Land Management Act of 2009 (Public Law 111-11) signed on March 30, 2009.
- 2009 – Record of Decision signed October 2009.

12. Memory Lane (2010 and beyond)

- 2012 – Reclamation broke ground June 2, 2012.
- 2024 – Statutory deadline (66 years later).

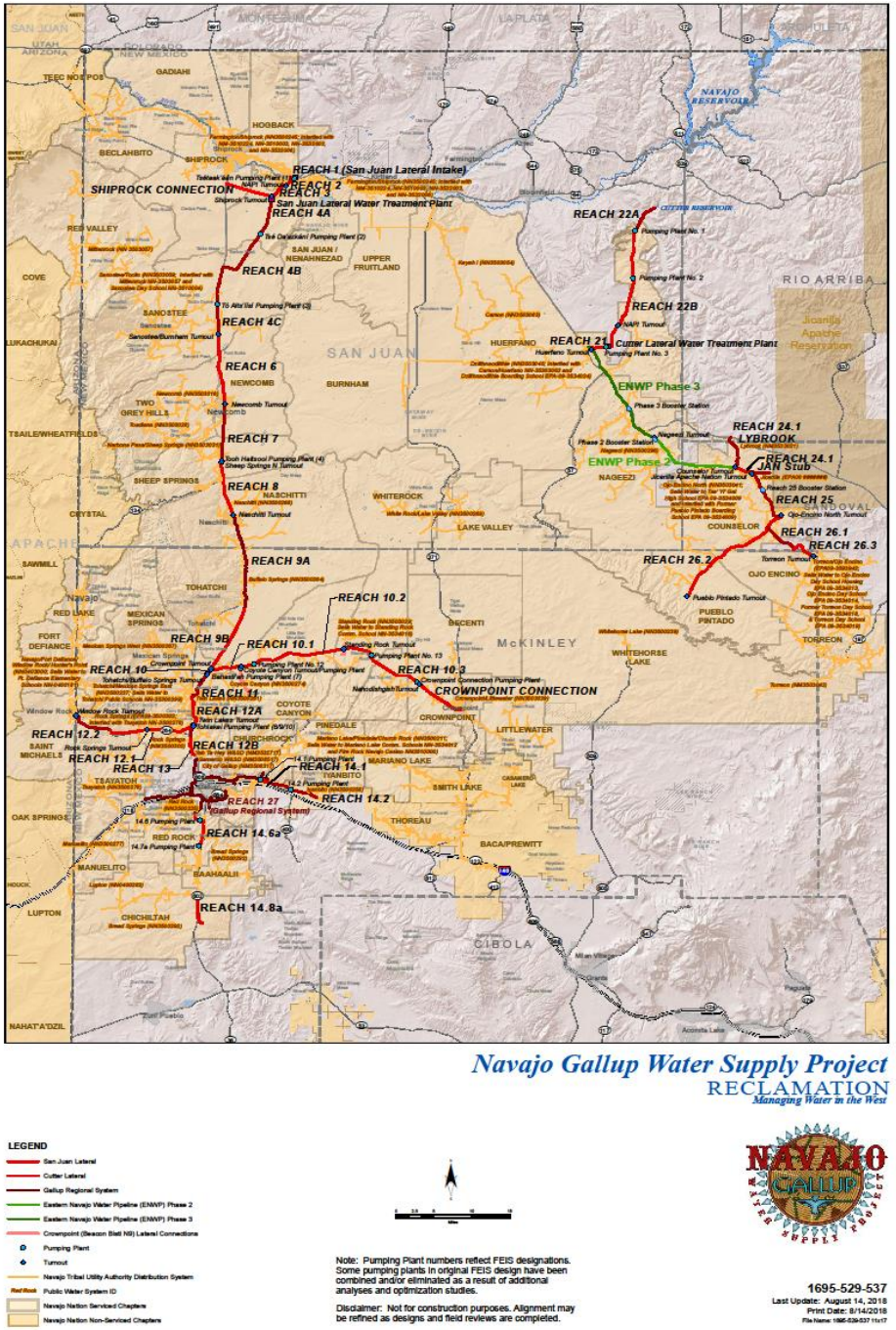
13. The NGWSP Sequencing Plan

- Build the Project “backwards.”
- Increase the number of customers between now and ~~2024~~ 2029?
- Defer the construction of some facilities.
- Use conjunctive groundwater.



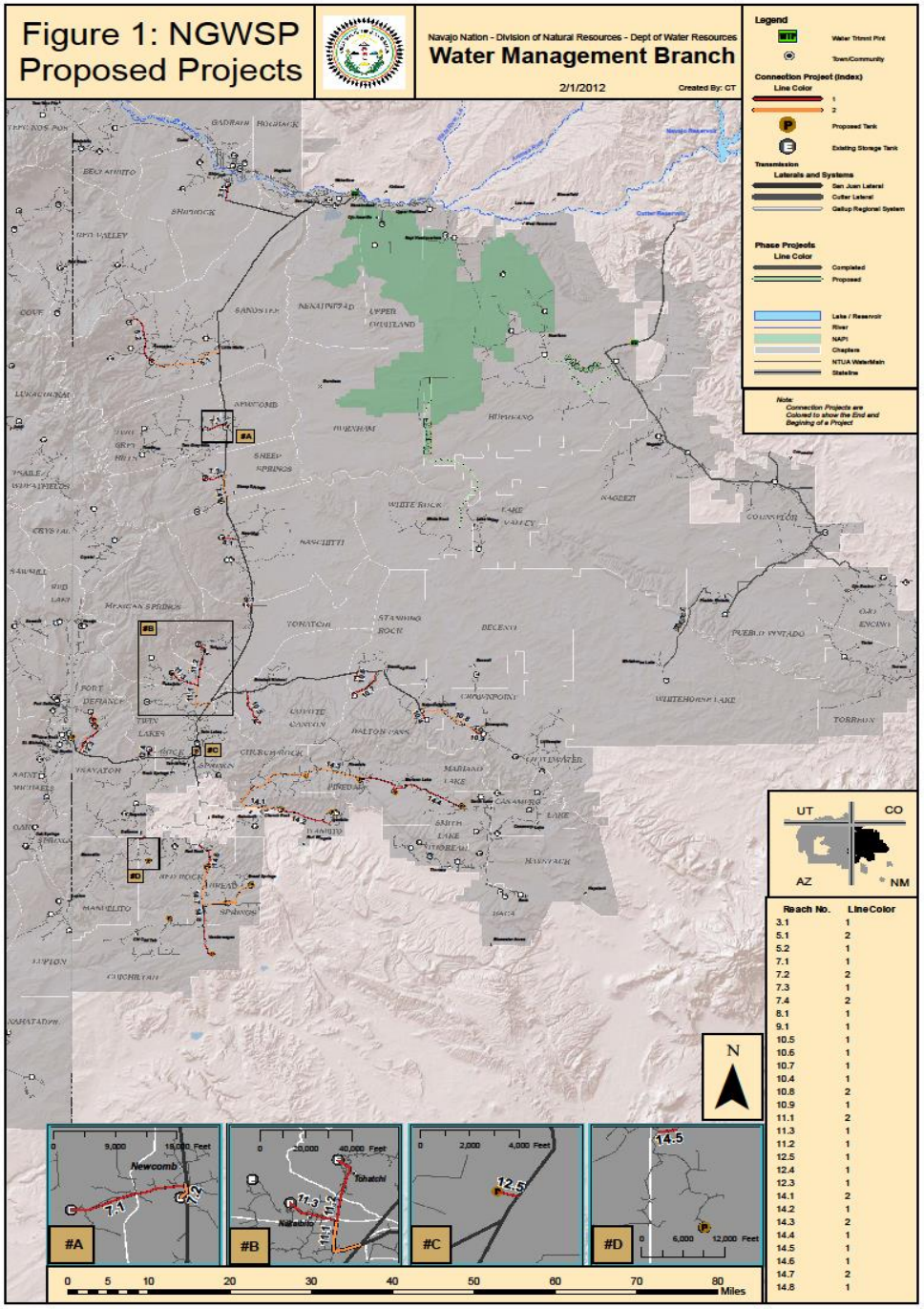
14. Reach Numbering

- Missing Reach 5?
- Reach 27 constructed by Gallup.
- Reaches 10, 24, 25 and 26 constructed by Navajo Nation.
- Reach 14 constructed by the Indian Health Service.



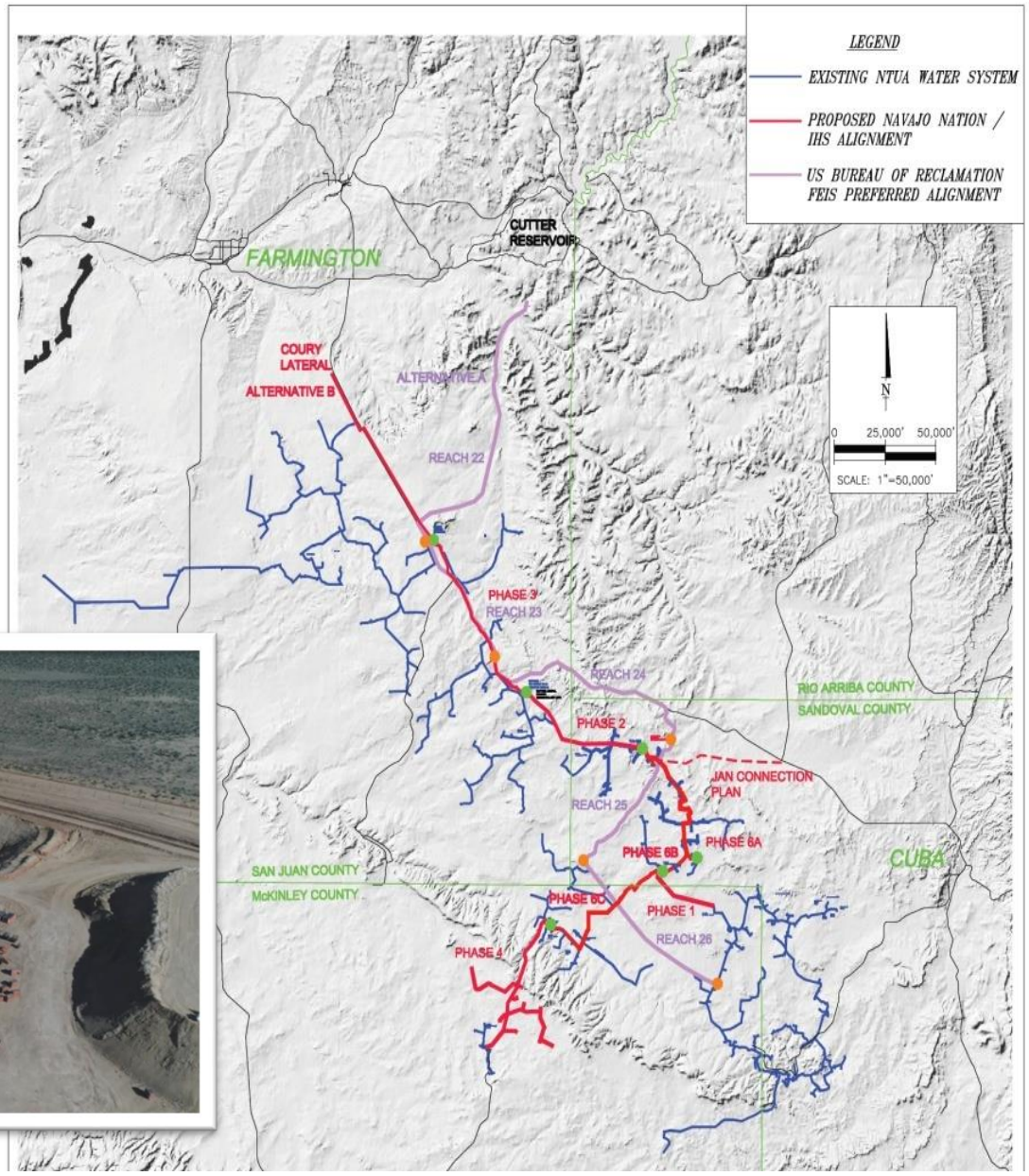
15. The NGWSP Connection Plan

- Get the water to where the NTUA systems can use it.

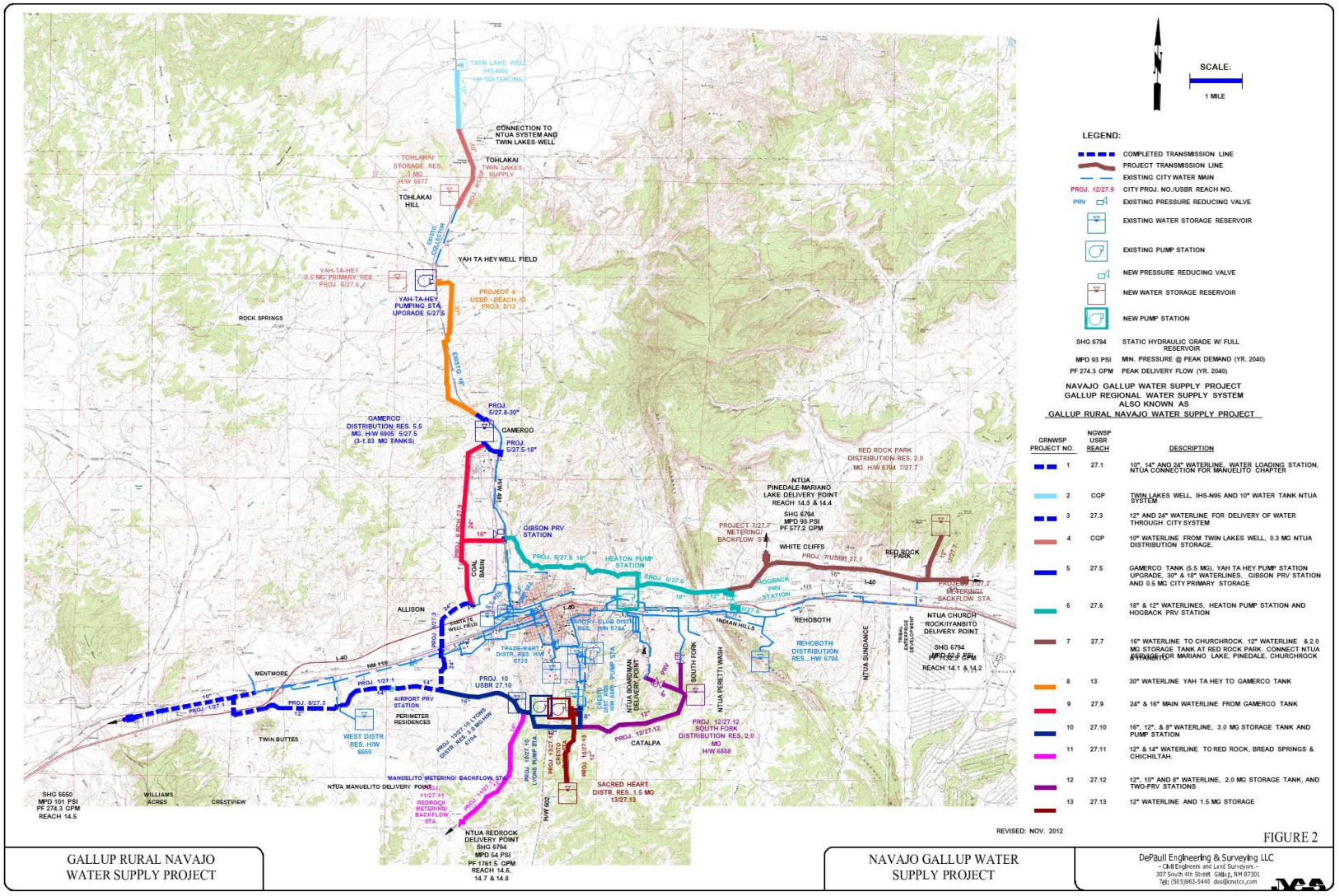


16. Revised Cutter & Crownpoint Laterals

- Getting the NGWSP water to the supply points of the NTUA systems.



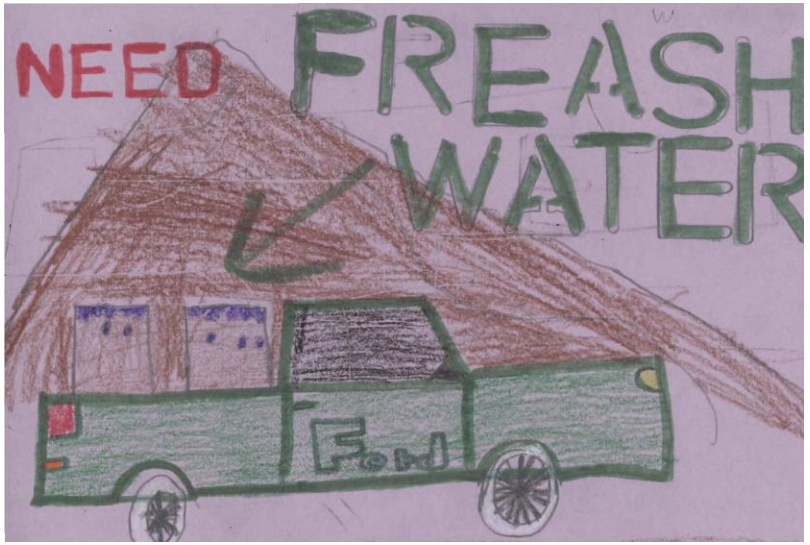
17. Reaches 13 and 27



18. Lessons Learned or Snake Bit?

The NGWSP was authorized at $870M, based on an appraisal level estimate in 2007.This amount in 2021 dollars is $1.348 billion. The Bureau of Reclamation now estimates a project shortfall of ~$330M based on a revised working cost estimate of $1.705B (2021 $).

19. It is about the People



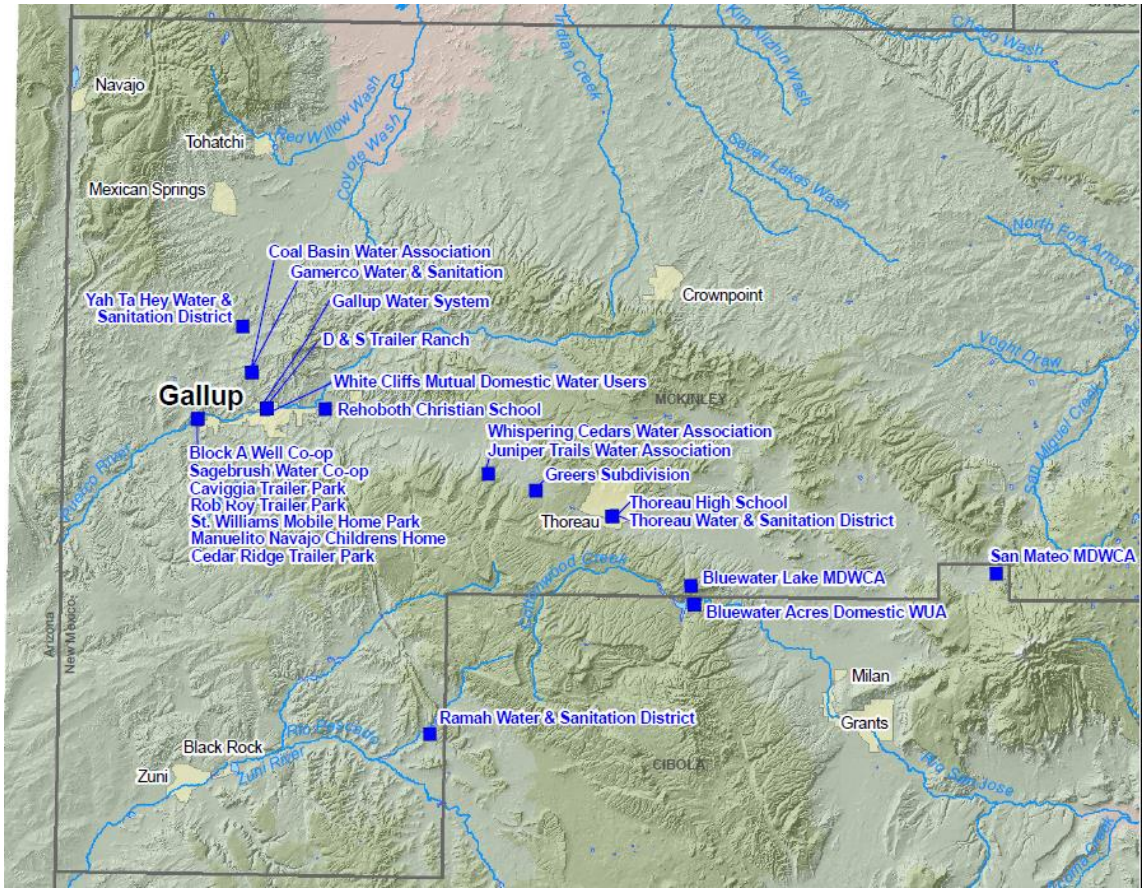
10-MINUTE BREAK

REGIONAL WATER COMMONS PERSPECTIVE

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

Regional Collaboration

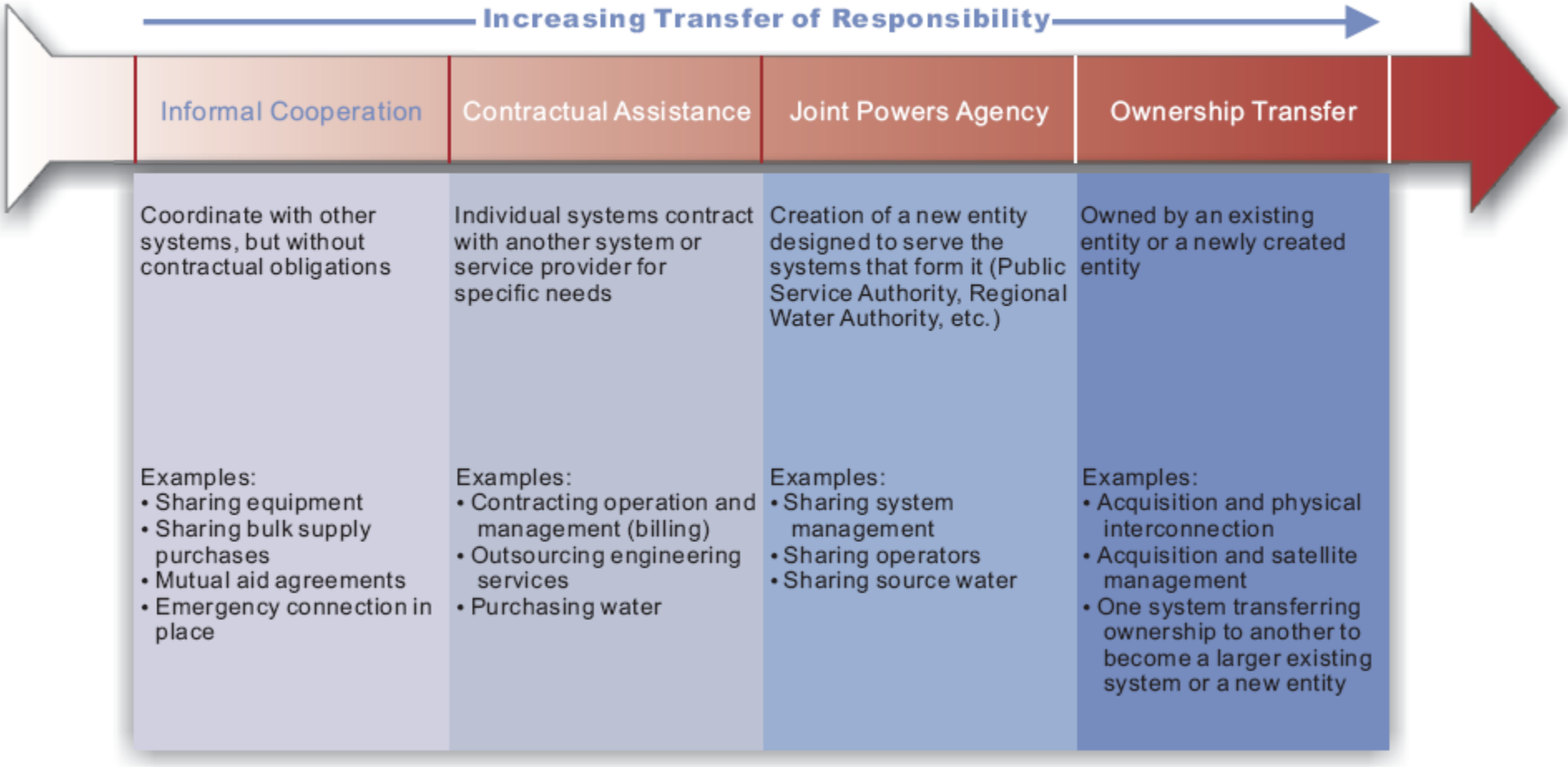


Dominique Cartron

McKinley County Rural Water Summit

8-31-2021

Regionalization Spectrum



Source: Modified from EPA

Regionalization Opportunities

- Collaboration among geographically close water systems to:
  - Improve management and operations efficiency.
  - Realize economies of scale for treatment, administration, and management.
  - Plan infrastructure to accommodate future growth and new technologies.
- Working regionally may strengthen funding applications.

Options for Regional Collaboration

- Plan together.
- Establish emergency-only relationship.
- Share equipment and inventory.
- Share operator.
- Share administrative tasks (e.g., billing).
- Share water rights/resources.

Options for Regional Collaboration

- Interconnect systems for backup.
- Interconnect systems but operate individually.
- Create new entity and join systems to share sources and distribution.
- Create new entity to implement settlement agreements or federally authorized projects.

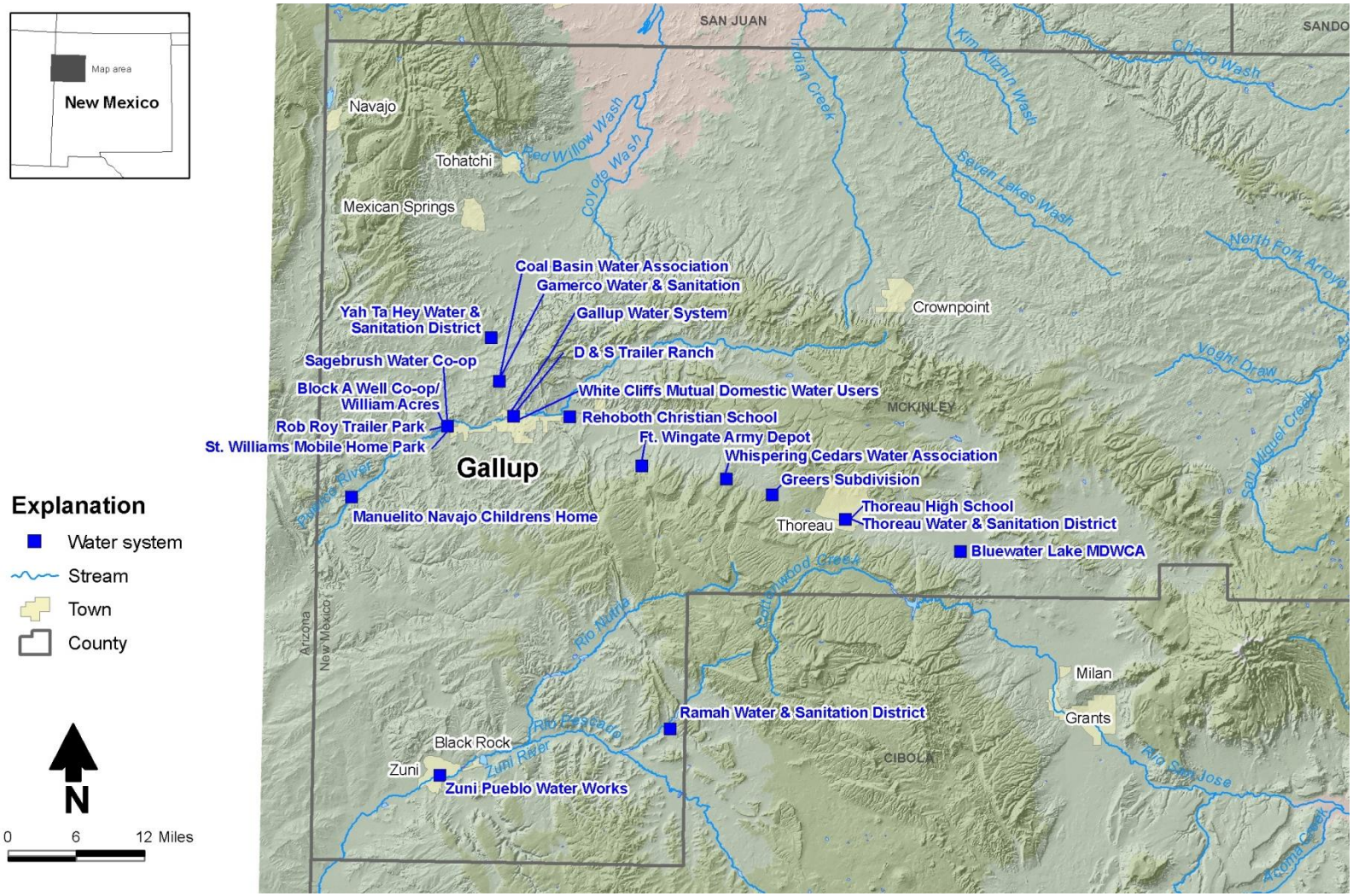
Approaches to Regional Collaboration in New Mexico

- Legislative Mandate
  - Eastern New Mexico Water Utility Authority (NMSA 73-27-1, 2010)
  - Lower Rio Grande Public Works Authority (NMSA 73-26-1, 2009)
  - Albuquerque Bernalillo Regional Water Utility Authority (NMSA 72-12-1, 2006)
- NM Sanitary Projects Act - merger clause

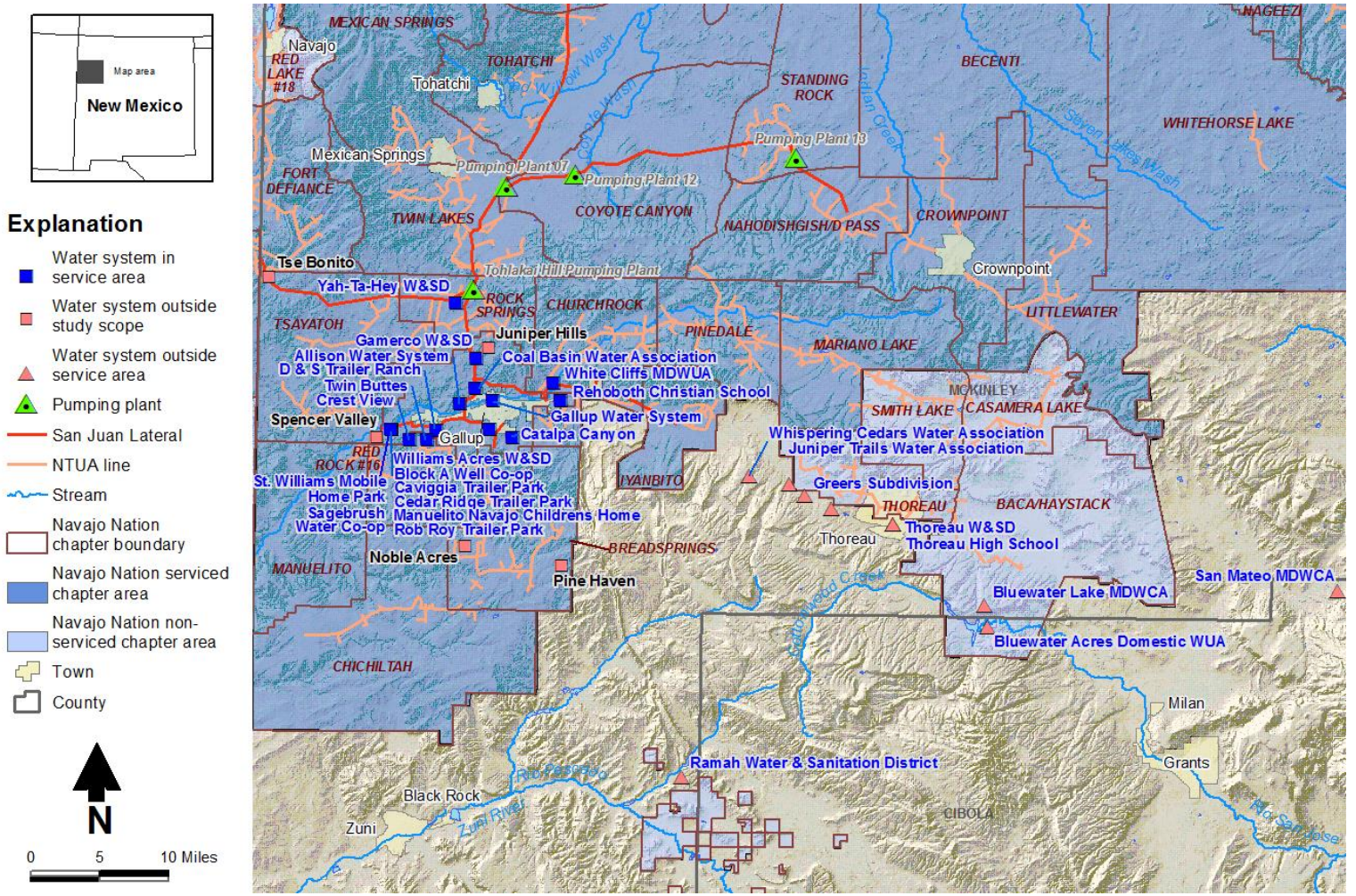
Approaches to Regional Collaboration in New Mexico

- Joint Powers Agreement (JPA)
  - Camino Real Regional Public Works Authority (2009)
  - New Mexico Central Arizona Project Entity (2015)
- Federal Legislation/JPA
  - Pojoaque Basin Regional Water Authority (2016)
  - Required under Section 9 of the Aamodt Settlement Agreement

Regionalization Opportunities



McKinley County Rural Water Systems and Navajo-Gallup Water Supply Project



Regionalization in McKinley County

- Old and leaking pipes need replacing.
- Systems are inadequate to serve current or additional residents.
- Compliance with state and federal regulations is increasingly complex.
- Quality of water supply is threatened.
- Long-term sustainability of water supply and small systems is uncertain.
- Operations and maintenance costs per customer are high in small systems.

Options in McKinley County Systems

- Memorandum of Agreement Option
  - Water suppliers retain current organizational structure and collaborate through an MOA to contract services.
- Water and Sanitation District Option
  - Existing Water and Sanitation Districts merge and include service area of other water suppliers.
- Regional Mutual Domestic Option
  - Water associations become mutual domestics and merge with other mutual domestics under Sanitary Projects Act merger clause.

Options in McKinley County

- Joint Powers Agreement Option
  - Board appointed by member organizations
  - Powers and duties delegated to the JPA Board
  - Transition of specific functions can be phased in
  - Hire professional manager and operator
  - Allow other systems to join

MCKINLEY COUNTY SMALL WATER SYSTEMS REGIONALIZATION INITIATIVE

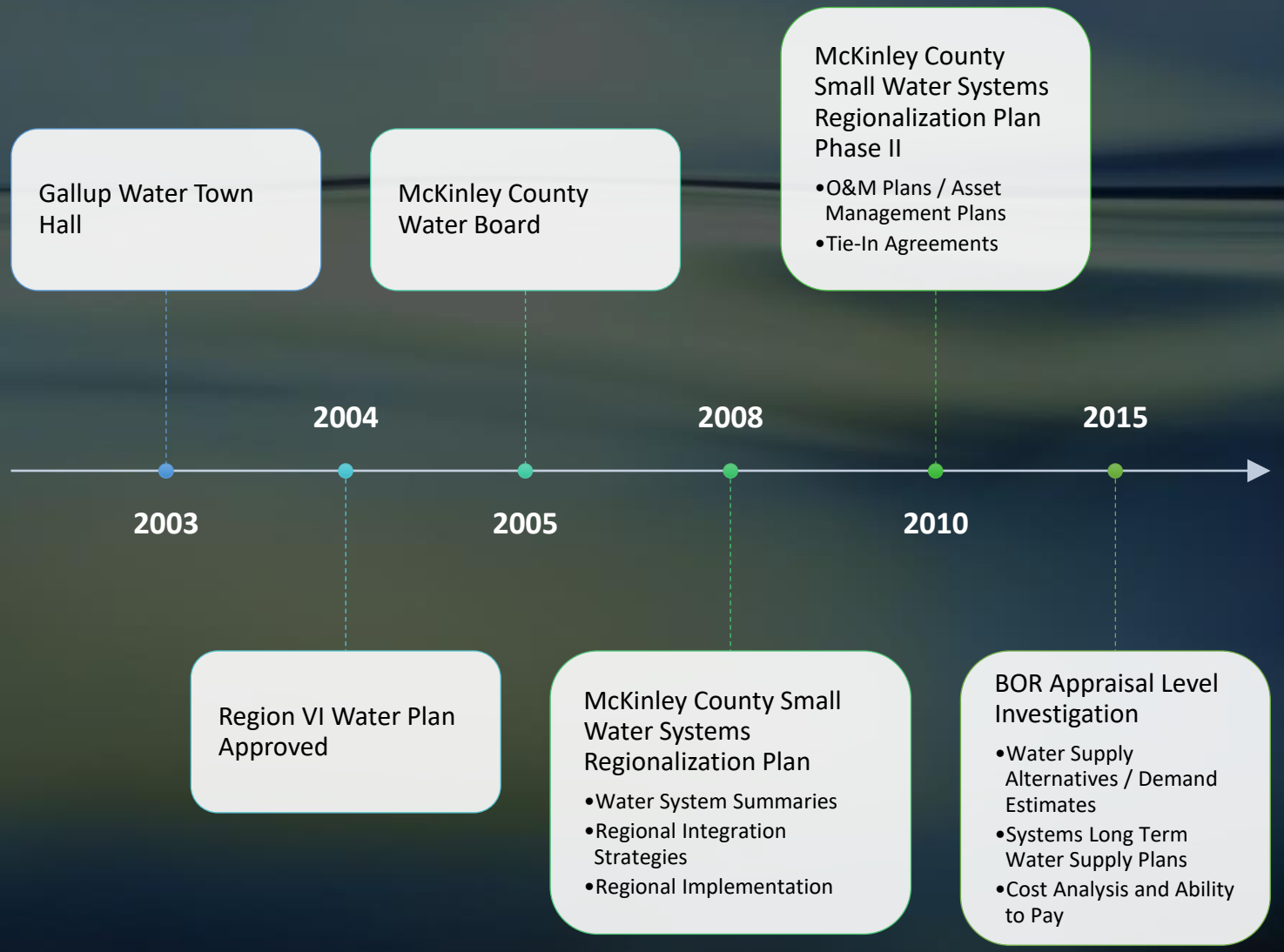
For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

McKinley County Water Regionalization

August 31, 2021

Past Efforts (2000-2015)



Next Steps

Implementation of the preferred alternative for these systems and communities will require additional planning efforts to ensure that the water systems will undertake the obligations associated with moving forward to a feasibility study. McKinley County will continue to work with the water systems to secure an agreement to participate in further planning and implementation of the appraisal study preferred alternatives. This continued outreach to the communities will be completed by the end of Fiscal Year 2018 and will consist of the following tasks:

- Working with the Rural Water Association and other partners, provide basic water service and cost of water education to communities and project stakeholders through:
  - A website with materials and a series of videos that will provide a baseline of understanding where water comes, how it gets, what it really costs to get it there and make it safe, and what the future looks like; options are; and
  - Provide a series of presentations that all communities can attend
- Conduct outreach to the communities and systems outside the project area to determine whether they would be interested in obtaining water from the Gallup Regional System if feasible.
- Conduct meetings with the systems included in the appraisal study to educate the board members regarding the scope and implementation of the preferred alternative.
- Develop memoranda of understanding between individual systems/Mariposa and water service providers (NTUA or Gallup) regarding provision of water service to the communities through customer service agreements.

Recent Efforts (2016-2020)

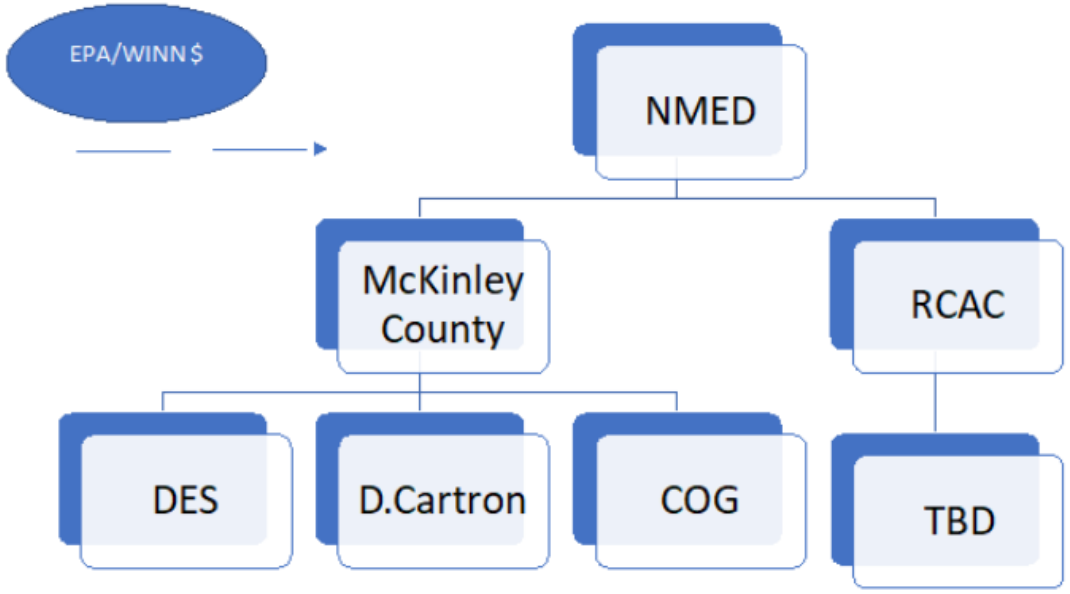
- Navajo-Gallup Water Supply Project
  - Value Planning
- Small System Regionalization Efforts
- System Organizational Support
- Project-Side Focus Support
  - Williams Acres PER/Design/Phase I/Phase II-III
  - White Cliffs CDBG Construction/Phase II
  - Automated Read Meters
  - Catalpa Hills PER/Design
  - Allison PER
  - Ramah Org/PER/Design

Current/Future Efforts (2020 - 2021)

- COG/County decide on holding a Water Summit (March 2020)
- Small Systems Meeting (July 2020)
- Gamerco WSD passed Resolution for County Support in Regionalization (October 2020)
- McKinley County set-aside Resources ($50,000) – November 2020)
- COG identifies additional partners, resources, and gathers subs – September 2020 – February 2021
- COG facilitates monthly Regional Water Commons Meetings
- NMED submits application to EPA WINN Grant (~July 2021)
- Kick-off Regionalization 3.0 (~Summer/Fall 2021)

Scope-of-Work

- NMED Technical Assistance and Training
- RCAC Regionalization Process
- Value-Added NGWSP Planning
- Legal Support for Water Authority
- Projecteering & Organizational Development Support



(1) Water Summit / Small System Training Series

(2) McKinley County Regionalization Initiative

- Gamerco WSD Resolution requesting County support
- County budgets $50,000 for support effort
- County/COG initiate proposals from partners
- COG works with Catalpa Water Association, Williams Acres Water and Sanitation District, and Allison Community from formation process to Water Trust Board applications.

(3) Navajo-Gallup Water Supply Project Gallup Area Value Added Planning

(4) Water & Wastewater Projects Support

LUNCH

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

PANEL SESSION: "AGENCY SPEED DATING"

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

Panel Session: Agency Speed Dating. Ms. Grey organized and facilitated each agency presentation. A total of twelve (12) state agencies participated in this panel session. Each were allotted five-minutes to (a) introduce themselves, (b) give a broad overview of the programs and types of technical assistance provided to small water systems, and (c) wrap up with their respective contact information.

Here is the list of agencies that participated:

a. NM Department of Finance and Administration (DFA): presentations on the Infrastructure Capital Improvement Plan (ICIP) and the Capital Outlay program.

b. NM Environment Department (NMED): presentations from several programs and opportunities, including the Construction Programs Bureau, Drinking Water Bureau, Technical Services Program, and the Community Services Program.

c. NM Finance Administration (NMFA): presentations made on the Water Trust Fund program that administer the Water Trust Board application grants, and another presentation on the various grant programs, including the Public Project Revolving Loan Fund, Drinking Water State Revolving Fund, and the Local Government Planning Grant.

d. Southwest Environmental Finance Center (SWEFC): presentations on types of programs available for small water systems, as well as some funding opportunities. Program is managed out of the University of New Mexico's Center for Water and the Environment (CWE) program.

e. NM Office of the State Auditor (OSA): presentations on tiered-systems and program support for small water systems.

f. U.S. Department of Agriculture – Rural Development NM (USDA-RD NM): presentation on types of technical assistance available for small water systems and some funding opportunities.

g. NM Water and Wastewater Association (NMWWA): presentation on types of technical assistance available for small water systems and training opportunities for small water systems, board of directors, and water operators.

Missed presentations: NM Rural Water Association (Bill Connor) and the Rural Communities Assistance Cooperative (Ramon Lucero).

NEW MEXICO DEPARTMENT OF FINANCE & ADMINISTRATION
LOCAL GOVERNMENT DIVISION (LGD)
COMMUNITY DEVELOPMENT BUREAU (CDB)

Carmen Morin, Bureau Chief

Program Overview:
DFA-Local Government Bureau - Community Development Bureau (CDB)

- The Community Development Bureau assists New Mexico's municipalities and counties in investing over $250 million in federal CDBG funds to address local community development needs. Bureau team members provide assistance and oversight to local governments with the implementation of needed infrastructure, public buildings, housing rehabilitation, economic development, planning and other critical projects.
- The second major responsibility of the Community Development Bureau is the administration of hundreds of Capital Outlay Projects passed by the New Mexico Legislature and signed into law by the Governor each year. The Bureau executes formal agreements with units of local government, process payments and ensures that these state funds are spent in accordance with authorizing legislation.

- **Infrastructure Capital Improvement Plan (ICIP)**
- **Community Development Block Grant (CDBG)**
- **CDB Team manages over 1,000 Legislative Appropriations assigned to DFA**

COMMUNITY DEVELOPMENT BUREAU (CDB)

Carmen Morin, Bureau Chief

Types of Assistance for Small Water Systems:

ICIP Project Coordinator provides:

- Training opportunities to include presenters that offer funding opportunities for capital infrastructure projects.
- Technical assistance for counties, municipalities, tribal governments, and special districts to include small water systems, acequias, land grants, mutual domestics and water associations.

CDBG Federal Program through HUD (to qualify must meet the Low to Moderate Income limits-LMI)

- Application process includes –
  - Attendance at mandatory Application Workshop
  - Submisson of application (deadline September 3, 2021).
  - Projects awarded by Community Development Council, assigned by the Governor from different state agencies. Donnie Quintana, Chair.
  - Awardees required to attend Implementation Workshop scheduled for late fall.
- CDBG funding available for infrastructure projects to include water, wastewater, and public facilities.
- Set-aside funding may be available to include:
  - Planning grants $50K (available for special districts)
  - Housing
  - Economic Development

COMMUNITY DEVELOPMENT BUREAU (CDB)

https://www.nmdfa.state.nm.us/local-government/community-development-bureau/

Contact Information:
Carmen Morin, Bureau Chief
CarmenB.Morin@state.nm.us
505-470-8979

FY2023-2027 ICIP Submission Deadlines:

- **Special Districts – Friday, September 3, 2021**
- **Tribal Governments – Friday, September 17, 2021**
- **Counties and Municipalities – Friday, September 17, 2021**
- **Senior Citizen Facilities – Friday, October 1, 2021**

Ariana Vigil	ariana.vigil@state.nm.us
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Monica Tapia	monica.tapia@state.nm.us
Dawn Webster	dawn.webster3@state.nm.us
Steve Lacy	stevenk.lacy@state.nm.us
Maria Urban	Maria.Urban@state.nm.us

CDB web page:

NEW MEXICO DEPARTMENT OF FINANCE & ADMINISTRATION
BUDGET DIVISION
CAPITAL OUTLAY BUREAU (COB)

Ryan Serrano, Executive Capital Analyst

Program Overview: DFA Capital Outlay Bureau

- The Capital Outlay Bureau (COB) is responsible for coordinating the funding and administration of capital projects under the statutory authority of the State Budget Division, Department of Finance and Administration.
- The COB works closely with executive agencies and Governor to prepare the Executive Capital Budget. COB is responsible for administering the capital budgeting process. This includes the processing of the Capital Appropriation Bill; assuring appropriations are budgeted and available for Departments to administer.
- COB also maintains the State Capital Project Monitoring System which tracks all capital appropriations and updates fiscal information bi-weekly. COB monitors the expiration dates of all capital appropriations and ensures timely reversions of expired appropriation balances.
- COB also provides training, assistance and oversight to agencies on the planning, project management and administration of capital project appropriations. This includes the Infrastructure Capital Improvement Plan for State Agencies.

CAPITAL OUTLATY BUREAU (COB)

Ryan Serrano, Executive Capital Analyst

Types of Assistance for Small Water Systems

- Legislative Funding
  - https://www.governor.state.nm.us/request-capital-outlay/
  - https://www.nmlegis.gov/legislation/billfinder/capital_outlay_request_forms
  - Two Type of Legislative Funding
    a. General Fund (GF) – If the bill has an emergency clause, funds can be expended as soon as bill is signed by the governor. If no emergency clause, funds can be expended beginning July 1.
    b. Severance Tax Bonds (STB) – Funds must be sold at the bi-annual bond sale (June and December).
  - Audit Compliance – The entity requesting funds must be up to date with their audit
  - Anti-donation – The entity requesting funds should own the water system
  - Project Readiness – The project should be ready to proceed so 5% of the bonds are encumbered within 6 months and 85% are expended within 3 years.
  - Capital Outlay Funding 2021
    a. 165 Water/Wastewater Appropriations $65,855,828
    b. 12.9% of total funding

Contact Information: Capital Outlay Bureau

http://nmdfa.state.nm.us/Capital_Outlay_Bureau.aspx

Debbie Romero (DFA Secretary) - 827-3651

Debbie.Romero@state.nm.us

Wesley Billingsley (Capital Outlay Bureau Chief) - 827-3884

Wesley.Billingsley@state.nm.us

Tonantzin Roybal (Executive Capital Analyst) - 827-4209

Tonantzin.Roybal@state.nm.us

Ryan Serrano (Executive Capital Analyst) - 827-4125

RyanS.Serrano@state.nm.us

Sarah de la Rosa (Administrative Assistant) - 827-3696

Sarah.Delarosa@state.nm.us

SUSTAINABLE WATER INFRASTRUCTURE GROUP

Jill Turner, Manager

- Community Services
- Technical Services
- Engineering Services
- Utility Operator Certification
- Source Water Protection

SUSTAINABLE WATER INFRASTRUCTURE GROUP

- Technical, managerial, & financial assistance
- T, M, & F capacity assessments
- Emergency planning & assistance
- Funding assistance & guidance
- Engineering regulatory review for infrastructure projects
- Utility operator certification – exams, renewals, assistance
- Source water assessments, planning, special studies, inventory

SUSTAINABLE WATER INFRASTRUCTURE GROUP

Contact Information:

Jill Turner, Manager
Sustainable Water Infrastructure Group
505-205-6964
Jill.turner@state.nm.us

www.env.nm.gov/drinking_water

DRINKING WATER BUREAU
TECHNICAL SERVICES TEAM (TST)

Jeff Pompeo, Technical Services Manager

- The TST provides technical assistance, operator training, and includes the Area Wide Optimization Program (AWOP)
- The primary goal of the TST is to assist Public Water Systems (PWSs) in NM and help them provide safe clean drinking water

DRINKING WATER BUREAU
TECHNICAL SERVICES TEAM (TST)

Types of Assistance for Small Water Systems:

- Safe Drinking Water Act compliance and return-to-compliance
- Technical Capacity Assessments
- Emergency Response
- Technical Trainings
- AWOP

DRINKING WATER BUREAU
TECHNICAL SERVICES TEAM (TST)

Contact Information:

Jeff Pompeo, Technical Services Manager
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Krista Schultz, Technical Services Coordinator
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Antonio Romero, Technical Services Coordinator
Email: antonio.romero@state.nm.us
Mobile: (575) 644-8303

DRINKING WATER BUREAU
COMMUNITY SERVICES PROGRAM (CSP)

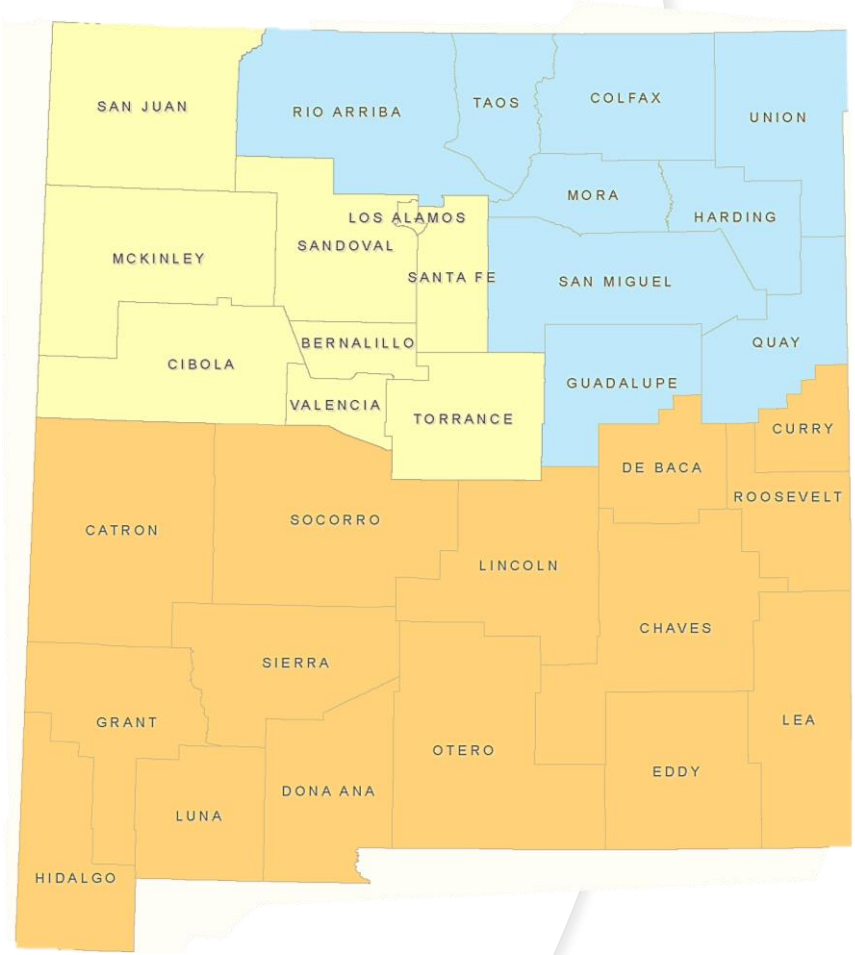
Catherine Conran, Coordinator

The Community Services program was created to aid public water systems in developing and maintaining managerial and financial capacity and is funded through federal grants. The assistance we provide is free for public water systems in New Mexico. Water systems that have adequate capacity can provide safe and reliable drinking water to their customers now and into the future.

NMED COMMUNITY SERVICES
MANAGERIAL & FINANCIAL ASSISTANCE

- Develop strategies to increase financial and managerial capacity.
- Co-administer the Drinking Water State Revolving Loan Fund (DWSRLF) with the New Mexico Finance Authority.
- Provide free assistance and training for grant applications, regulatory compliance issues, asset management plans and rate analysis.
- Conduct surveys to understand water infrastructure needs and rates.
- Help systems resolve customer complaints and in forming a new MDWCAs.
- Point of contact for new system capacity reviews.

NMED COMMUNITY SERVICES PROGRAM



Catherine Conran
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Melanie Delgado
(505) 670-5897
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Michael Montoya
(505) 570-7682
michael.montoya2@state.nm.us

Karen Torres Community Services Program Manager
(505) 231-6832 karenm.torres@state.nm.us
https://www.env.nm.gov/drinking_water/community-services/

New Mexico Environment Department

Construction Programs Bureau
Clean Water State Revolving Fund and Rural Infrastructure Program
Fall 2021

Franz Tye

The Clean Water State Revolving Fund

- Low-cost financing for a wide range of wastewater and storm water projects;
- Interest Rates for public entities of 0% to 1%
- Interest Rates for private entities 2.375%
  - Have not funded yet but is available.
- Terms of up to 30 years;
- Subsidy awards to qualifying public applicants when available;
- Open application cycle; Online, short application
- Qualified borrowers include municipalities, counties, water and sanitation districts, mutual domestic water associations, pueblos and tribes. Other credit-worthy entities may be eligible.

Rural Infrastructure Program

- Serves municipalities or entities with population less than 20,000 or counties less than 200,000
- Interest Rate 2.375%
- Able to fund Water, Wastewater, and Solid Waste projects
- Able to turnaround quickly
- Limited to $2 million per project per year annually

Thank you!

Questions?

Contacts

Tye C Franz, CPB Loan Manager

505-469-3459 or Tye.Franz@state.nm.us

Rhonda Holderman, Financial Manager for Loans and Grants
505-469-3365 or Rhonda.Holderman@state.nm.us

NEW MEXICO FINANCE ADMINISTRATION
WATER TRUST FUND (WTF)

Angela Quintana, Senior Program Administrator

Program Overview: *Water Trust Board (WTB)*

- Water Project Finance Act (the "Act") created by 16-member WTB comprised of a diverse set of water users and experts
- The NMFA, on behalf of the WTB, annually accepts applications for water projects to be funded from Water Project Fund
- WTB recommends a list or projects to the Legislature to be authorized for funding from Water Project Fund
- The Act requires the WTB prioritize projects that:
  - Leverage local and federal funds;
  - Are shovel-ready;
  - Are identified as "urgent to meet the needs of regional water plan accepted by the Interstate Stream Commission"; and
  - Implement the State Water Plan

WATER TRUST FUND (WTF)

Angela Quintana, Senior Program Administrator

Types of Assistance for Small Water Systems

WTB Policies requires:

- minimum contributions from all applicants in the form of local or federal matching funds
- mandatory loan component of between 10% - 40% for all entities supported by rate-paying constituency
- to the greatest extent possible, awards will be sized to projects that represent a functional project or stand-alone phase of a project that can be accomplished within 12-24 months of award

NEW MEXICO FINANCE ADMINISTRATION
WATER TRUST FUND (WTF)

Contact Information: WTBAdmin@nmfa.net

Angela Quintana, Senior Program Administrator

NEW MEXICO
FINANCE**AUTHORITY**

Public Lending Opportunities and Local Government Planning Fund

33

- The New Mexico Finance Authority (NMFA) was created in 1992 by the New Mexico Legislature.
- The purpose of NMFA is to coordinate the planning and financing of state and local public projects, to provide for long-term planning and assessment of state and local capital needs, to improve cooperation among the executive and legislative branches of state government and local governments in financing public projects, and to finance economic development and community health projects.
- NMFA financing for infrastructure and equipment for state agencies, counties, municipalities, tribal governments, special districts, schools and higher education.
- NMFA dedicates its time, funding and expertise to establish the foundation for communities to grow and flourish.

The New Mexico Finance Authority is Advancing New Mexico by Financing Impactful, Well-Planned Projects

NEW MEXICO FINANCE AUTHORITY

- **Public Project Revolving Fund (PPRF):** A loan fund created to assist a wide range of public entities in accessing the capital markets at an all-in cost that is highly competitive compared to other financing alternatives available to public entities. NMFA eliminated all upfront and ongoing administrative fees on PPRF loans as of January 2020, reducing the borrower's financing costs. NMFA has a AAA/Aa1 bond rating and is highly regarded in the bond markets resulting in lower interest rates for infrastructure and equipment loans, including those to small and disadvantaged communities. Disadvantaged funding at a zero percent interest rate is offered through the PPRF to qualified entities as determined by the community's Median Household Income.

- **Drinking Water State Revolving Fund (DWSRLF):** Revised policies to increase the financial benefits to New Mexico communities with new LOWER rates (1% or 2%), increased eligibility for disadvantaged status, and longer repayment time (32 years). Principal forgiveness continues to be offered to qualifying entities up to 75%, based on EPA availability.

- **Water Project Fund (WTB):** Loans and grants for WTB projects. Storage, conveyance and delivery of water to end users; implementation of Federal Endangered Species Act of 1973 collaborative programs; restoration and management of watersheds; flood prevention; and water conservation or recycling, treatment or reuse of water as provided by law.

- **Colonias Infrastructure Fund (CIF):** Loans and grants in Southern New Mexico that lack basic infrastructure for water and wastewater, solid waste disposal, flood and drainage control, roads and housing.

- **Local Government Planning Fund (LGPF):** Funds critical planning documents PERs; Feasibility Studies; EID; Comprehensive Plans; Asset Management Plans; Water Conservation Plans; Master Plans; LEDA Act Plans; MRA Act Plans.

NEW MEXICO FINANCEAUTHORITY

New Mexico Finance Authority
207 Shelby Street
Santa Fe, NM 87501
(505) 984-1454 or Toll Free: (877) ASK-NMFA
www.nmfinance.com
pprf@nmfa.net
https://swim.water.web.env.nm.gov/
WTBAdmin@nmfa.net
colonias@nmfa.net
LGPF@NMFA.net

As a mission-driven organization,
we exist to promote the interests of our stakeholders.

SOUTHWEST ENVIRONMENTAL FINANCE CENTER

Heather Himmelberger

Southwest Environmental Finance Center (SW EFC)

- ✓ Located within the University of New Mexico, School of Engineering, Center for Water and the Environment
- ✓ Started in 1992
- ✓ Interdisciplinary staff (engineering, science, legal, accounting, public administration, arts, geography, landscape architecture)
- ✓ Can provide services to water, wastewater, and stormwater utilities throughout NM
- ✓ Works under grants, contracts, and cooperative agreements from state and federal agencies and private funders

SOUTHWEST ENVIRONMENTAL FINANCE CENTER

Heather Himmelberger

Training and Direct Technical Assistance in:

- ✓Compliance Assistance
- ✓Asset Management
- ✓Water Loss Auditing and Control
- ✓Understanding Regulations
- ✓Infrastructure Funding/Accessing Funding
- ✓Capacity Building
- ✓Resilience
- ✓Applied Research
- ✓Affordability
- ✓Fiscal Sustainability
- ✓Rates/Rate Setting
- ✓Mapping/Inventory
- ✓Others

Much of our assistance is provided for no cost to water/wastewater utilities; if the assistance is more than fits within the scope, direct relationships can be established.

Centennial Engineering Center – Suite 3020
Department of Civil Engineering MSC01 1070
1 University of New Mexico
Albuquerque, NM 87131

Contact Information:

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Director SW EFC
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505-277-0113

Hayley Hajic
Research Scientist
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505-277-0644

General Contact Info
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505-277-0644
https://swefc.unm.edu/home/

NEW MEXICO OFFICE OF THE STATE AUDITOR

Joe Cruz

Program Overview

- Introductions
- Tier Certifications
- Assistance Programs
- Contact Information

NEW MEXICO OFFICE OF THE STATE AUDITOR

Joe Cruz

Tier Certifications

- **Tier Certification Purpose**
  - Executive Order 2013-006
- **Tier Financial Reporting Determination**
  - Tiers 1 & 2 require tier certification report
  - Tiers 3-6 require contract and AUP report

NEW MEXICO OFFICE OF THE STATE AUDITOR

Joe Cruz

Tier Certifications

- **Tier Certification Process**
  - Agency Compliance
  - OSA Connect, www.osa-app.gov
- **Important Dates**
  - Calendar Year: 12/31/2021 reporting due 6/1/22
  - Fiscal Year: 6/30/2021 reporting due 12/15/21

NEW MEXICO OFFICE OF THE STATE AUDITOR

Joe Cruz

Assistance Programs

- **Small Political Subdivision Financial Assistance Program**
  - Budget Request and Appropriation
  - Agreed Upon Procedures or Audit
- **Qualification**
  - Application Submission
  - Assistance Determination
- **Important Dates**
  - Priority Deadline: September 3, 2021

NEW MEXICO OFFICE OF THE STATE AUDITOR

Contact Information:

New Mexico Office of the State Auditor
2540 Camino Edward Ortiz, Suite A
Santa Fe, NM 87507
Phone: 505-476-3800
www.saonm.com

To request an office appointment please contact:

Lynette Kennard, Financial Audit Director
505-476-3811
Lynette.Kennard@osa.state.nm.us

New Mexico Water and Wastewater Association

Log In

PURPOSE OF THE NEW MEXICO WATER AND WASTE WATER ASSOCIATION

The New Mexico Water and Wastewater Association is organized and operates exclusively for scientific and educational purposes on a nonprofit basis.

The Association endeavors to assist in protecting the public health and the environment and preserving the investment of public funds in New Mexico by promoting proper design, construction, operation, performance evaluation, and management of water and wastewater utilities.

The Association is active in representing the views of New Mexico Utility Operations personnel on legislative matters affecting the water utilities field.

ENCOURAGE PROFESSIONALISM IN THE WATER AND WASTEWATER INDUSTRY

In its efforts to encourage professionalism, the New Mexico Water & Wastewater Association gives both Facility and Personnel Awards to deserving recipients. Among the facility awards are "Good Housekeeping Awards" in both water and wastewater treatment systems. The "Max Summerlot Award" is given annually to the water or wastewater facility that demonstrates the highest excellence in the operations, maintenance, management, safety and professionalism of the system.

"Outstanding Operator of the Year Awards" and "Caroline Martinez Achievement Award" are given to operators in various categories of utility operations.

The Association also offers tuition scholarships to qualifying applicants who enter a New Mexico training institution in the field of water and wastewater utilities design, operation, or management

WORKING TO BENEFIT THE COMMUNITIES OF NEW MEXICO

The Association feels that by providing professional training of utility operations and management personnel, its purpose of assisting in the protection of public health and the environment and preserving the investment of public funds can be achieved.

It is common knowledge in the Water and Wastewater Industry, that though proper operations and routine preventive maintenance of facilities, the useful life of those facilities can be extended significantly. The quality of water-whether drinking water or treated wastewater-can be improved through operations staff training.

The Association is proud of its history of helping communities and the taxpayers of New Mexico by equipping personnel in the water and wastewater industry to perform their duties in a qualified and professional manner.

Like us on Facebook

Call Us: 505-753-8840 / [illegible]@windstream.net / P.O. Box 818 Espanola, NM 87532

NM Water & Wastewater Association 2021 School Schedule

School:	Location:	Dates:	Contact:	Cost:	Credits:
** ANNUAL SCHOOL	On-Line (webex)	January 25-28 (9:00 – 4:00) Awards Ceremony	Caroline Sanchez or Rose Trujillo 505-753-8840 rtnmwwa@gmail.com csmartinez@windstream.net	$300	24
NW Section Roger Roquemore Mem. Workshop	On-Line (webex)	March 4-5 (9:00 – 4:00)	Holly Clenin 505-320-8959 hclenin@aztecnm.gov	$120	12
NMWWA April 2021 Basic Water & W/W Training	On-Line (webex)	April 5-8 (9:00 – 4:00)	Caroline Sanchez or Rose Trujillo 505-753-8840 rtnmwwa@gmail.com csmartinez@windstream.net	$300	24
**NORTHERN SCHOOL	On-Line (webex)	May 17-20 (9:00 – 4:00)	Caroline Sanchez or Rose Trujillo 505-753-8840 rtnmwwa@gmail.com csmartinez@windstream.net	$300	24
SW Section Jake Hands Mem. Workshop	On-Line (webex)	June 17-18	Filiberto Aguirre Jr. 575-805-4966 filibertoaguirrejr@yahoo.com	$120	12
WC Section Ray Espinoza Mem. Workshop	CANCELLED		Michael DeClercq 505-870-0034 mdeclercq@gallupnm.gov		
SE Section Workshop	On-Line (webex)	August 18-19	Andrew Valadez 575-910-4811 a.valadez@roswellnm.gov	$120	12
Fred Ragsdale Memorial Basic Water & Wastewater CENTRAL SCHOOL	On-Line (webex)	September 13-16 (9:00 – 4:00)	Caroline Sanchez or Rose Trujillo 505-753-8840 rtnmwwa@gmail.com csmartinez@windstream.net	$300	24
NMWWA October 2021 Advanced Water & W/W Training	On-Line (webex)	October 18-21 (9:00 – 4:00)	Caroline Sanchez or Rose Trujillo 505-753-8840 rtnmwwa@gmail.com csmartinez@windstream.net	$300	24
CT Section WORKSHOP	On-Line (webex)	November 18-19	Cynthia Arnold or Craig Byers 505-401-8499 , 505-353-6902 carnold@epcor.com	$120	12

**For information on SCHOOLS contact:
Caroline Sanchez, Rose Trujillo – 505-753-8840
csmartinez@windstream.net; rtnmwwa@gmail.com
For pre-registration forms visit our web site:
www.nmwwa.org Click on TRAINING.

For information on TESTING contact:
NMED - 505-467-9333, 505-670-7418
eric.hall@state.nm.us

PROJECTEERING & TECHNICAL ASSISTANCE SESSION

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

10-MINUTE BREAK

LEGISLATIVE PREPARATION

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

NEXT STEPS & WRAP-UP

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

FINAL QUESTIONS & CLOSING

For this session, we have invited a number of state agencies, that provide assistance to small water systems, to give a 5-minute presentation on:

- Introduction and brief program overview.
- Lightning round of funding/assistance programs.
- Contact information.

2021 Rural Water Summit

Tuesday, August 31, 2021

McKinley County Administrative Building (new section), Conference Room
207 West Hill Avenue, Gallup, New Mexico 87301

SIGN-IN SHEET

	Name	Entity	Phone	Email	Signature
1	Anthony Dimas	McKinley County - County Manager	505-863-1400	adimas@co.mckinley.nm.us	
2	Adrian Marrufo	City of Gallup - Solid Waste	(505) 726-6041	amarrufo@GallupNM.gov	
3	Amanda Herrera	NM Office of the State Auditor	(505) 827-3512	Reports@osa.state.nm.us	
4	Angela Quintana	NMFA - Water Trust Board	(505) 984-1454	aquintana@nmfa.net	
5	Angela S. Bordegaray	Interstate Stream Commission	(505) 827-6167	Angela.Bordegaray@state.nm.us	
6	Angelina Grey	NWNM Council of Governments, Planner	(505) 722-4327	agrey@nwnmcog.org	
7	Betsy Branson	McKinley Soil & Water Conservation District	(505) 870-2587	betsyloulou@yahoo.com	
8	Bill Connor	NM Rural Water Association, Executive Director	(505) 553-1548	billconner1950@gmail.com	
9	Billy Moore	NWNM Rural Soild Waste Authority	(505) 905-8402	bmoore@co.mckinley.nm.us	
10	Brandon Howe	NWNM Council of Governments, Planner	(505) 722-4327	bhowe@nwnmcog.org	
11	Brian Money	McKinley County, Assistant County Manager	505-863-1400	bmoney@co.mckinley.nm.us	
12	Bryce River	Ramah Water & Sanitation District	928-595-1511	rbryceriver@gmail.com	
13	Carmelita Chee	White Cliffs Mutual Domestic Water Users Association, Interim President	(505) 870-4095	coolnativefemale@yahoo.com	
14	Carmen Morin	NMDFA - LGD, Community Development Bureau	(505) 827-4797	CarmenB.Morin@state.nm.us	
15	Carol Saunders	Top of the World WA			
16	Catherine Conran	NMED - GWB, Community Services Coordinator	(505) 476-3730	Catherine.Conran@state.nm.us	
17	Charlotte A. Larragoite	NMFA - Water Trust Board	(505) 984-1454	clarragoite@nmfa.net	
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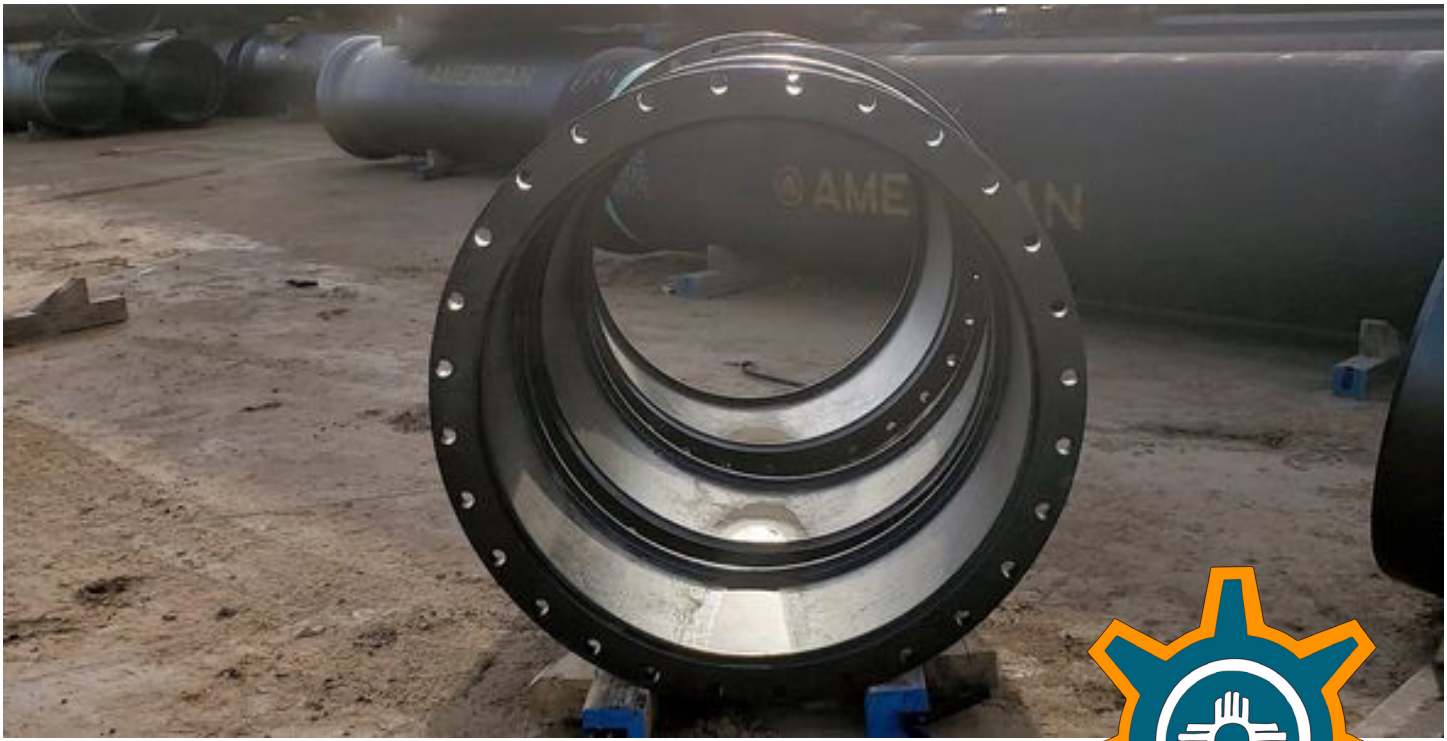

THANK YOU ALL FOR PARTICIPATING!