

**NAVAJO-GALLUP WATER SUPPLY PROJECT**  
**PROJECT CONSTRUCTION COMMITTEE MEETING NO. 57**  
**THURSDAY, November 17, 2022 9:00 AM**  
**via MICROSOFT TEAMS**  
**MEETING SUMMARY**

1. Review and approve agenda (Reclamation) - [approved](#)
2. Review July 28, 2022 PCC Meeting Summary *Handout* (Reclamation)
  - a. [Posted on SharePoint in PCC folder associated with notes](#)
  - b. [Posted on NGWSP website as well](#)
0. Review of PCC Action Item List – *Handout* (Reclamation)
  - a. [Reach 14 SCADA Focus Call - no update](#)
  - b. [Shiprock Connection installation letter has been drafted and in process for signature](#)
  - c. [Navajo ownership of Diversion Structure letter has been drafted](#)
0. Other Related Navajo-San Juan NM Settlement Issues (BIA/Navajo Nation)
  - a. [Conjunctive Groundwater Use Plan - see slides](#)
  - b. [San Juan River Navajo Irrigation Projects - see slides](#)

**CONSTRUCTION UPDATE**

5. Pumping Plants No. 2 and 3 (Reclamation) - [see slides](#)
6. Block 4C-8 (Reclamation) - [see slides](#)
  - a. [Air release valves are going to be retrofitted w backflow preventers on the SJL](#)
  - b. [Reclamation to provide cost estimate to DePauli related to backflow retrofit](#)
7. Pumping Plants No. 4 and 7 (Reclamation) - [see slides](#)
8. Navajo Code Talkers Sublateral (Reaches 12.1/12.2) (Reclamation) - [see slides](#)
  - a. [Native material meets specs for CLSM and is being used on 12.1](#)
  - b. [Trench box being used to install Code Talkers Sublateral](#)
9. Reach 27.11 (Gallup)
  - a. [Nothing has changed since July PCC update.](#)
  - b. [No slides available.](#)
  - c. [Valves have taken a while to receive so contractor has been delayed some.](#)

**SAN JUAN LATERAL- ISSUES / DESIGN UPDATE**

11. Navajo-Gallup Amendments and Value Planning Update
  - a. [Amendments](#)
    - i. [Amendments were introduced to the Senate Oct 11](#)
    - ii. [Hearing has not been scheduled](#)
    - iii. [Sen. Lujan would like this to be passed during the lame duck session](#)
    - iv. [Department is preparing testimony](#)
  - . [Value Planning](#)
    - i. [Still need to be wrapped up](#)
12. San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
  - a. [SJR Intake Pumping Plant Rehab and SJGS Reservoir Modifications](#)
    - i. [VE Study](#)
      - i. [Scheduled Dec 5-9, currently as in-person at FCCO](#)

- ii. USBR: Re-evaluate in-person after Thanksgiving...depending on COVID, maybe just site-visits in-person if necessary
    - iii. NNDWR or SMA participants?
    - iv. Comments due Dec 22
  - b. River Pumping Plant Physical Model
    - i. TSC has recently completed construction on a ¼ scale model of the SJGS intake structure
    - ii. Video of the model operating shown
- 3. SJGS Land/Facilities Acquisition Update
  - a. Working the final details of the agreements
- 4. NEPA Compliance – Update and Schedule
  - a. Reclamation completed the NEPA and signed a FONSI for all the upstream reaches of the NGWSP
  - b. BLM's FONSI received
  - c. BIA's FONSI forthcoming
- 13. Block 2-3 – Status/Schedule (Reclamation)
  - a. 60% Design – On going field investigations on alignment. Completion of 60% scheduled for Feb 2023, 90% expected summer of 2023. Solicitation in early 2024
- 14. SJL Pumping Plants – Status/Schedule (Reclamation)
  - a. Pumping Plant #1 – Design has begun. Aiming for April of 2023 for 30% Design and the VE study in the June 2023 timeframe.
- 15. Block 4A-4B – Status/Schedule (Reclamation) – Went to solicitation in September and bid close date is Dec 15, Award in Feb 2023 and Construction to start April 2023.
- 16. Reach 27/Pumping Plant #8– Status/Schedule (City of Gallup)
  - a. 27.7b – NTP to advertise in January 2023 and construction start in March 2023. Pipe was upsized from 16" to 18"
  - b. 27.12 - in design, dealing with USACE sites and most have moved on...trying to find new coordinator for the whole project
  - c. PP8 - arch and topographical done, moving ahead with design
- 17. Tohlokai Pumping Plant
  - a. Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)
    - i. Gallup is not currently taking water
    - ii. NM requires a backflow preventer be installed on 12A
    - iii. Backflow preventer install complete next summer (2023)
    - iv. Well upgrade scope
      - i. Re-equip twin lakes well along with the G80 well through the conjunctive well water funding process
      - ii. 6 months to get work order through, contract w/ DePauli (another 6 months)...maybe complete by end of 2023
- 18. Reach 14 (Indian Health Service)
  - a. Reaches 14.1 and 14.2 – Status/Schedule
    - i. Funds ~\$9 million transferred from USBR to R14 to go toward 14.1 and 14.2
    - ii. Will be used to purchase material
    - iii. Looking to schedule borings for the 11+ wash crossings

- iv. Working on access for water storage tank(s)
    - v. Tank(s) being fabricated
    - vi. IHS is expected to get a new District Engineer to allow more focus on the project
    - vii. Pre-con expected late-Dec/early-Jan
  - b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
    - i. Finalizing ROW package, final private pieces to be settled
    - ii. Package waiting to go into process based on private parcel outcome
19. BBN9 – Status/Schedule (Navajo Nation/SMA) - see slides
- a. BBN9 cost increase should be covered by indexing but at the moment it seems like this is being underfunded
    - i. USBR to review funding
  - b. What can chapters do to help address potential funding shortfall?
    - i. An agency resolution requesting a fully funded project?
    - ii. SMA to work with Johnny Johnson
  - c. The facilities proposed in BBN9 are to cover the full flows of the project
  - d. There was a discussion about reducing capacity in the past
    - i. Crownpoint has groundwater wells and there was discussion previously about those wells supplementing surface water to meet peak flows
    - ii. The current capacity design is the original EIS amount (PIN 40)
  - e. Hwy 371 project may affect design
20. San Juan Lateral Community Connections (Navajo Nation/SMA)
- a. SMA is working with NNDWR
  - b. Coordination meeting with USBR and HIS
  - c. Field staking for alignments
  - d. Obtaining as-builts for distribution systems
  - e. Next coordination call is Nov 30

### CUTTER LATERAL

21. Construction and OM&R Update (Reclamation/NTUA/Navajo Nation)
- a. Operation Update (NTUA/Navajo Nation)
    - i. SMA working with NTUA and Jacobs to complete the SCADA network
  - b. Reaches 24 – 26 Construction Closeout and JAN Water Delivery (Navajo Nation/NTUA/SMA)
    - i. Construction is complete. Working on closeout information to NTUA.
    - ii. NTUA interested in a single Emergency Response Plan to cover the entire Cutter Lateral
    - iii. JAN connection
      - i. Primarily complete with punch list items to be completed
      - ii. Flows expected in spring-2023
    - iv. 24.1 Lybrook
      - i. Nearly at 30% design
      - ii. Working to complete ROW for submission
      - iii. Construction expected in ~2 years
  - c. Area-Wide Optimization Program (Reclamation)
    - i. Voluntary program
    - ii. Discussion ongoing regarding future participation

### WATER TREATMENT

22. Regulatory Issues (Reclamation)

- . SJL Disinfection By-Product Study Update – TSC working on completing the study. Should have report complete in January 2023
  - a. Corrosion Control Study
    - i. A corrosion test skid has been added to the Pilot Study skid using pipe coupons from Gallup.
    - ii. Testing and Sampling is underway.
23. San Juan Lateral Water Treatment Plant (Reclamation)
- a. Appraisal Level Design Update
    - i. Comparison costs available Jan/Feb 2023
    - ii. On-site GAC generation to be discussed at Review C
  - b. UF/NF Membranes Pilot Study- see presentation
    - i. Data collection is underway
    - ii. Information will be sent out via amendment to the NGWSP SJLWTP Notice on SAM.gov
    - iii. Capital costs and operational costs to be compared between UF/NF and Conventional/GAC
  - c. SJLWTP Sizing Basis of Design – PIN 022.4
    - i. Being drafted
  - d. Industry Day Re-cap
    - i. Held Nov 8-9
    - ii. Received good feedback
    - iii. Reviewing procurement method and better defining spec package
    - iv. Looking to release amendment in December with revisions
    - v. Technical Criteria Package was sent to Stakeholders
    - vi. Review C scheduled Dec 19-21 - looking for feedback on spec package
    - vii. RFQ Mar 1
    - viii. RFP (shortlisted 2-3 firms) in mid-summer

### **PROJECT WIDE**

24. Upcoming PINs / Modified PINs (Reclamation)
- a. PIN 022.4 – Add Startup Flows for SJLWTP – To be updated once WTP Sizing Basis of Design is finalized
  - b. PIN 024.3 – Water Storage Tank Materials – Recommend eliminating bolted steel tanks due to ongoing leaks and increased O&M needs on recently installed projects – [Sending for signatures by end of month](#)
  - c. PIN 027.1 – Cutter Turnout Flows – Being updated to add start-up flows - [will be sent in December](#)
  - d. PIN 034 – SJ Lateral Storage – FCCO updating to reflect latest designs and [will send as draft in December](#)
  - e. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – [Circulate for signatures in December](#)
  - f. PIN 039.1 – SJLWTP Site Selection – [Sending for signatures soon](#)
  - g. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections – Navajo Nation to send letter rescinding request
  - h. PIN 049 – Pumping Plant #1 Location – [draft to be sent winter 2022/2023](#)
25. Cultural Resources Compliance – Project-Wide (Reclamation)
- a. [Nearly entire project has been surveyed](#)
    - i. [PP8 and 24.1 Lybrook recently completed](#)
    - ii. [Reaches 1-3 recently surveyed](#)

- b. Crownpoint data recovery is ongoing and being completed reach-by-reach
  - i. Remote sensing being completed
- c. Mitigation program
  - i. Working to kick-off non-traditional/off-site mitigation
- d. Tribal Construction Monitoring program continuing on City of Gallup reaches

26. Environmental Compliance – Project-Wide (Reclamation)

- a. 4a/b - working toward sampling and clean-up of asbestos
- b. Revegetation plan
  - i. Submitted in Sep 2021
  - ii. BIA working on routing for signatures to then send to the Navajo Nation
- c. NEPA
  - i. SJL EA - only BIA FONSI needed
  - ii. BBN9 EA
    - i. USBR completed this week and ready for FONSI signature
    - ii. BIA to complete FONSI

27. Power Transmission (Reclamation)

- a. San Juan Lateral Status (NTUA)
  - i. Power to Pumping Plants #4 and #7
    - i. NTUA power at PP4 and almost ready at PP7 (temporary)
    - ii. Permanent power will be available in March
  - ii. Power to Block 9-11 Rectifiers
    - i. In NTUA's contract
  - iii. Power to Block 4C-8 Rectifiers
    - i. NTUA to estimate cost
  - iv. 115kV Powerline Construction
    - i. Design complete
    - ii. Ready to move into construction shortly
- b. Power Supply Agreements
  - i. Interim agreement CoG to provide power
  - ii. NTUA agreement will be completed shortly
- c. Cutter Lateral Renewable Energy Feasibility Study w/NREL (WCAO)
  - i. Report forthcoming
  - ii. Amendment proposal that may provide funding for renewable energy on the Cutter Lateral

28. SCADA/Cybersecurity (Reclamation)

- a. NTUA working with USBR
- b. Mtg on-site took place
- c. Compliance expected complete in spring 2023

29. Budget (Reclamation)

- a. FY2023 Requested Construction Budget: \$136,583,000
  - i. Mandatory - \$136,583,000 (through Bipartisan Infrastructure Law)
  - ii. Discretionary - \$0
- b. NM Cost-Share Update/Status
  - i. In October, the State received its final cost-share credit marking the completion of their \$50 million obligation
- c. City of Gallup Credit Request Status
  - i. Gallup's most recent request was applied to their most recent bill
- d. 1st Quarter FY2023 Bills

- i. These were sent and funds being received
- ii. 2nd Quarter will be sent early January

30. Design and Procurement Schedule - updated and included on SharePoint

31. Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter
- b. Cutter Lateral WTP was awarded Best Water and Environmental Project in the region
  - i. Plaque will be posted at Cutter Lateral WTP
  - ii. Nominated for national award in spring

32. Action items and assignments (Reclamation)

33. Schedule next PCC meeting – Jan, 26, 2023 – in-person with virtual option