

**NAVAJO-GALLUP WATER SUPPLY PROJECT  
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 66  
THURSDAY, Jan 23, 2025, 9:00 AM  
In-Person and via MS-Teams  
SUMMARY**

- 1) Review and approve agenda (Reclamation)
- 2) Review Nov 7, 2024 PCC Meeting Summary (Reclamation)
- 3) Review of PCC Action Item List (Reclamation)
- 4) Other Related Navajo-San Juan NM Settlement Issues (BIA/Navajo Nation)
  - a. Conjunctive Groundwater Use Plan
  - b. San Juan River Navajo Irrigation Projects

**CONSTRUCTION/CONTRACT UPDATE**

- 5) Pumping Plants No. 4 and 7 (Reclamation)
- 6) Navajo Code Talkers Sublateral (Reaches 12.1/12.2) (Reclamation)
- 7) Pumping Plants No. 2 and 3 (Reclamation)
- 8) Block 4A/4B (Reclamation)
- 9) SJLWTP (Reclamation)
- 10) Reach 27.7B (Gallup)
  - a. awaiting parts for pumps (seal kits). Nothing has been completed.
- 11) Reach 10.1.1 (Navajo Nation/SMA)
  - a. Construction contract assigned to NECA
  - b. \$6.7 million including contingencies
  - c. R10.1.1 has received all approvals required to begin construction
  - d. Cultural training occurred Jan 15
  - e. Clearing and grubbing has begun

- 12) Reach 14.1 (Indian Health Service)

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

- 13) S. 1898/ H.R. 3977 - Navajo-Gallup Amendments
  - a. Were not enacted during the last Congress
- 14) San Juan Lateral Flow Allocation Discussion (Navajo Nation/City of Gallup/IHS/Reclamation)
  - a. NGWSP Flow Allocations
    - i. PIN 022.4 Discussion – Navajo Nation discussion between the Nation and City
  - b. Other settlement potential flows
- 15) Reach 1 – Status/Schedule (Reclamation)
  - a. Temporary Pumping System
    - i. Award Fall 2024; Construction Fall 2024-Spring 2025
    - ii. Electric pumps onsite and in the process of being installed. Farmington Electric Utility System currently installing power to the site.
    - iii. Existing River Station Pumping Plant is currently being used to pump water to Frank Chee Willetto Reservoir. The plant will remain in use, aside from a month during which the temp pumps will be commissioned, until the pipeline repair contract begins and water delivery ceases. Upon completion of the pipeline repair contract, the temp pump system will be utilized.
  - b. R1 Pipeline Repairs
    - i. Solicitation scheduled for February 11
    - ii. Award June 2025; Construction Summer 2025 (approx. 1 year)
  - c. Tank bypass

- i. 30% Design April 2025, VE Study Spring 2025
  - ii. Tank bypass PMP currently being finalized
- d. **Intake Pumping Plant**
  - i. Spec B April 2025, Award March 2026, Construction Spring 2026- Spring 2027
  - ii. Video presentation of physical model highlighting sediment transport will be provided at next PCC meeting
- e. **Frank Chee Willetto Reservoir/Dam**
  - i. 30% Design April 2025, 60% Design July 2025, VE Study Summer 2025; 90% Design November 2025, Review C Spring 2026; Award early 2027; Construction 2027 (approx. 1 year)
  - ii. Currently reviewing results/assumptions of VP Study prior to finalizing PMP

INDUSTRY DAY SCHEDULED FOR APRIL 2, 2025, IN FARMINGTON TO SHOWCASE REMAINING PROJECTS TO BE COMPLETED ON THE NGWSP

16) **Block 2-3 – Status/Schedule (Reclamation)**

- i. The design of the open trench portion of Block 2-3 pipeline starting up again to look at the upsizing.
- ii. The design of the HDD portion of Block 2-3 is moving along – 90% design expected March 2025.
- iii. Looking the schedule for both HDD and pipeline to determine is dates can be moved up. Project completion deadline is still anticipated to be met.
- iv. ROW acquisitions are in process.
- v. Mesa Verde Cactus survey complete and will be performed again in Spring 2025.
- vi. Morgan Lake Tank to be renamed.

17) **SJL Pumping Plants – Status/Schedule (Reclamation)**

- a. **Pumping Plant #1**
  - i. NN ROW application package is being revised and is expected to be submitted to the Navajo Nation next week.
  - ii. 100% design expected at the beginning of Feb. 2025.
  - iii. Solicitation expected end of June 2025.

18) **Reach 27/Pumping Plant #8 – Status/Schedule (City of Gallup)**

- a. PP8 – nearly complete with 30% design. Will be available before the end of the month. USBR to review within 2 months following receipt.
  - i. Construction planned 2026
  - ii. Microturbine power generation is going to be considered.
- b. 27.12 – Cipriano loop – have 90% reviewed.
  - i. Will be paired with 27.12 WTP and will not have grant in place until next year, so 2026 construction.
- c. SCADA – beginning sole source documentation for the contractor that has provided SCADA for all other City features. Spring start date expected Data expected to be transferred at Tohlakai but handled elsewhere. Some details for data transfer TBD.

19) **Tohlakai Pumping Plant (Reclamation)**

- a. **Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)**
  - i. Gallup is ready to receive water, all approvals received
    - 1. Some additional site evaluation required
  - ii. NTUA may begin to start using water at Twin Lakes
    - 1. Water allocation strategy has been sent to USBR

20) **Reach 14.2 (Indian Health Service)**

- a. 12” C900 DR 18 pipe delivery received at NECA warehouse. IHS inspected and deemed in good condition.
  - i. Additional pipe was delivered in late December/early January; IHS will determine pipe size and its intended use.

- b. IHS adjusting plan and profile sheets and detail sheets for 12” pipeline. IHS anticipates the completing mid February 2025.
- c. IHS provided comments on Reach 14.1 and 14.2 Pumpstation to DePauli Engineering and SMA on December 20<sup>th</sup> and comments have been submitted.
- d. Supplemental to the Technical Specifications are in draft form; review with IHS Navajo Area Office. Final draft will be provided first week of February 2025.
- e. No new updates on construction schedule, but IHS will provide a update once meeting with NECA occurs.

21) Reaches 14.6a, 14.7a, 14.8a (Reclamation)

- a. ROW documentation from IHS was obtained and is being reviewed by Reclamation Lands staff.
- b. IHS currently evaluating timeline for submitting a package to the BIA to transfer allotted and Tribal Trust ROW to Reclamation. Reclamation will proceed with acquiring private lands ROW.
- c. Reclamation to de-obligate construction funding for these reaches upon receipt of final de-obligation proposal and invoices from IHS.

22) BBN9 – Status/Schedule (Navajo Nation/SMA)

- a. R10.2.1 – construction 2025
- b. R10.1 and 10.2 – construction 2026
- c. R10.3 and 10.3.1 – construction 2027
- d. R12.3 – in discussions with NTUA and IHS, construction to be completed before the end of 2029

23) San Juan Lateral Turnouts and Community Connections

- a. Turnout Buildings (Reclamation)
  - i. Turnout building locations have been identified
  - ii. Updated schedule forthcoming
- b. Community Transmission and Treatment (Navajo Nation/SMA)
  - i. Naschitti (Navajo Nation/SMA)
    - 1. 100% design complete and construction scheduled to begin
    - 2. Groundbreaking schedule February 17
    - 3. USBR executed license agreement
  - ii. Sanostee (Navajo Nation/SMA)
    - 1. 30% design completed and reviewed by USBR
    - 2. Working toward 60% Design
  - iii. Tohatchi
    - 1. Beginning 30% Design
  - iv. Newcomb/Two Gray Hills
  - v. Sheep Springs
  - vi. Rock Springs

24) Shiprock Connection (Reclamation)

- a. Mesa Verde Cactus survey complete. Will do another 1 year prior to construction.
- b. Will include pipeline, turnout building, and connection to existing facilities
- c. Expect to start design at the end of 2025

**CUTTER LATERAL**

25) OM&R Update (Reclamation/NTUA/Navajo Nation)

- a. Operations – General
  - i. WTP production averaged 306,000 gpd for this past 4th quarter, a 17% drop in demand.
  - ii. The draft Authority to Operation (ATO) application, Policy/Procedures (P&Ps), and Plan of Action & Milestones (POAM) were submitted to Reclamation for review. The POAM identifies about 88 groups of tasks (300) to bring security to the FISMA/NIST 800-53 moderate impact level.
  - iii. USBR reviewing POAM and FISMA requirements for water treatment plants.
- b. Water Regulatory/Quality
  - i. NMED completed a sanitary survey December 10, 2024, on facilities downstream of the water treatment plant for which it has regulatory jurisdiction (DZ turnout, R25 Pumping Plant, Torreon turnout, and the Pueblo Pintado turnout). Two deficiencies were noted: a)

excessive vegetation was growing inside the tank's foundation ring wall of the cPWS DZ distribution tank 2 and b) the vent screen was missing from an air release valve in the cPWS DZ rechlorination building. We're responding to various items in the "Notes and Recommendations Summary" section, namely the distribution sample site plan (DSSP), for which we now have a working draft, pending approval with the inclusion of photos of the sampling spigots. NTUA to send final sample site plan to NMED for final approval.

- ii. Review continues by Reclamation and NTUA for the ACH coagulant optimization study.
- iii. Torron DBP issue – Use of the GAC filters continues at the CLWTP since early May 2024. Latest test results indicate LRAA remains below TTHM regulatory limit of 0.008 mg/l, but above goals (80% MCL). Disinfection leaving the CLWTP was reduced during the week of New Year's from 1.5 mg/l to 1.2 mg/l. A meeting with operations and Reclamation to discuss current data and other possible actions is scheduled for January 22, 2025; however, no action is anticipated until impacts of lowering disinfection at the WTP are assessed.
- c. Area Wide Optimization Program (AWOP) - (NTUA)
  - i. Next AWOP meeting is scheduled for January 28, 2025.
  - ii. Will discuss disinfection byproducts and residual chlorine.
- d. Water Treatment & Conveyance Contract (Jicarilla/NTUA)
  - i. The WTCC is now fully executed and NTUA is issuing invoices to JAN for fixed and variable OM&R.
  - ii. Cost of services study has commenced w/anticipated draft completion by spring of 2025.

#### 26) Construction Update (Reclamation/NTUA/Navajo Nation)

- a. R21/R22
  - i. NTUA and Reclamation are confirming items to be completed as listed in the January 2022 Completion Inspection Report, Stipulations List. Among items remaining include the SCADA connection to the downstream facilities and the delivery of the 1-ton utility truck.
- b. ENWP2/3, R24, R25, R26
  - i. The Navajo Nation continue work to complete the July 2023 warranty inspection punch list. The delivery of various tools and vehicles is imminent. NTUA has invoiced the Nation for their one-time OM&R payment per the facilities' transfer MOA.
- c. Pueblo Pintado Water Loading Station
  - i. NTUA is working with a consultant for the University of Arizona to move their tap from the lateral to the adjacent cPWS.
- d. Jicarilla Connection Update (Jicarilla)
  - i. Completed
- e. Reach 21 Booster Plant (Reclamation)
  - i. Constructability review with site visit took place Jan 16
  - ii. 90% plans expected April 2025
  - iii. Review C expected May 2025

### **WATER TREATMENT**

#### 27) Regulatory Coordination (Reclamation)

- a. Regulatory Workgroup Meeting
  - i. Next meeting TBD in person, potentially in early-April, potentially in conjunction with Industry Day
    - 1. NMED to begin meeting coordination, potentially April 1 in FCCO
  - ii. Revisions to the attachment of the MOU are signed
  - iii. Sampling locations have been identified for the Cutter Lateral

#### 28) Blending & Corrosion Control - San Juan & Cutter Water Systems

- a. Flow through pipe testing pilot at CLWTP to inform San Juan and Cutter water systems. Pilot operational in December 2024.
- b. Ongoing bench testing to evaluate scale stability changes with changing water sources.
- c. Monthly meetings to facilitate communication between Navajo Nation/NTUA, Gallup, Reclamation on blending and corrosion topics.
- d. NTUA awaiting request for pipe from USBR

#### 29) Disinfection Byproducts - San Juan Water System (Reclamation)

- a. Residence time GIS modeling completed.
- b. Draft Residence Time Basis of Design draft under review.
- c. Tank aeration research continuing.
- d. Monthly meetings to facilitate communication between Navajo Nation/NTUA, Gallup, Reclamation on DBP topics.

30) San Juan Lateral Water Treatment Plant (Reclamation)

- a. 30% design received and sent out to stakeholders.
- b. Design charrette held January 10, 2025
- c. 30% design comments review scheduled February 4 at FCCO and via Teams
- d. 60% plans expected June 2025
- e. Estimated to start clearing and grubbing in April 2025
- f. Project enhancements related to NGWSP Expansion and O&M flexibility/efficiency
- g. Navajo Nation granted ROW inadvertently to BIA. Working to revise.
- h. Blessing ceremony scheduled for April 16
  - i. USBR to set up bi-weekly planning meetings

**PROJECT WIDE**

31) Upcoming PINs / Modified PINs (Reclamation)

- a. PIN 022.4 – Add Startup Flows for SJLWTP – awaiting updated information
- b. PIN 027.1 – Cutter Turnout Flows – Ready for signatures
- c. PIN 034 – SJ Lateral Storage – USBR to revise and send for review
- d. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – Ready for signatures
- e. PIN 050 – San Juan River Pumping Plant – USBR to send for review
- f. PIN 051 – San Juan Lateral Water Treatment Process Decision – USBR to send for review

32) Cultural Resources Compliance – Project-Wide (Reclamation)

- a. Kristin Bowen has moved on to another position. Danielle Schneider and Tom Hanson are now the contacts with Danielle being the main one.
- b. Survey: Working on a contract now for the changes in Reaches 2 & 3 APE to be surveyed. Contract now includes additional survey at Reach 21, SJLWTP, and historic structure recordation at FCWR and River Pumping Plant.
- c. Next CRCs: We are trying to complete the 10.1 and 10.2 CRCs now. Have met with NNHHPD regarding Hopi's wishes for mitigating Hopi TCPs that can't be avoided. Now we are having PAMP team draft agreement regarding this mitigation.
- d. Further Mitigation Program: Awarding contracts/grants to tribes to do more meaningful mitigation than typical Section 106. Jicarilla Apache was first contract awarded. Working on Pueblo of Acoma contract now. Expecting a proposal and draft budget from Hualapai soon. Have also met with Zia Pueblo to discuss FMP.
- e. Next Workgroup Consultation Meeting: projected to be in February in Gallup. Next PA Workgroup meeting is in Gallup on February 13th. Hoping to include a fieldtrip to a reach or pumping plant.

33) Environmental – Project-Wide (Reclamation)

- a. Compliance
  - i. CE has now been completed for Reach 1 Temporary Pumping System powerline.
  - ii. Determination of NEPA Adequacy (DNA) has been prepared for the Reach 1 Pipeline Rehabilitation work and is currently going through reviews.
  - iii. Formal Section 7 consultation has been re-initiated for the Reach 1 Intake Fish Barrier Weir changes, etc. on December 16, 2024.
  - iv. TSC is assisting with CWA Section 402 permitting for Reach 1.
  - v. Hydrostatic Testing General Permit approved by EPA on Aug 28, 2024
  - vi. Still TBD if point source NPDES permit needed. TSC is still working through sediment modeling for the intake
  - vii. Mesa Verde Cactus surveys completed on Block 2-3 & Shiprock Connection in 2024. Final survey report received in December 2024

- viii. Questions from NNDFW regarding locations of Mesa Verde Cactus surveys and when surveys were completed
- ix. Copies of all past surveys and the MVC construction plan were provided to NNDFW in November and December 2024
- x. Contracting package submitted December 30, 2024 for 2025 MVC surveys and a general biological survey for “additional” APE areas that were added in Block 2-3.
- xi. 24.1 Lybrook EA reviewed by Reclamation
- xii. Draft sent to BIA and BLM for review on December 17, 2024
- xiii. Naschitti Connection CE has now been completed.
- xiv. CWA compliance monitoring has occurred for Red Willow Wash, Cutter Wetland and Tse-nas-chii Wash. Reports still being prepared
- xv. Phase I ESA at Reach 21 DZ Booster Station and Tank Site was completed in December 2024. Final report received on January 16, 2025
- xvi. Data request submitted to NNDFW for the Reach 21 DZ Booster Station and Tank Site.
- xvii. BRCF request submitted to NNDFW for Pumping Plant 1 and Pumping Plant 1 Road upgrade.
- xviii. Had meeting with USACE to determine jurisdictional status of FCW Reservoir and Shumway arroyo based on Streamflow Duration Assessment Methods (SDAMs) completed by WCAO on October 7, 2024. FCW Reservoir is not jurisdictional; however, the wetland below the reservoir is assumed to be jurisdictional at this time.
- xix. San Juan Lateral Water Treatment Plant: prairie dog surveys will be conducted prior to start of construction and buffer fence added.

**b. Revegetation**

- i. Reaches 9-11 revegetation work completed
  - 1. Hand seeded upland areas of Red Willow wash last week of October
- ii. Reseeding on 12.1/12.2 still underway. Mostly complete besides a few crossing areas.
- iii. A reseeding contract for Reaches 4C-8 has been prepared
  - 1. Contracting package submitted September 27, 2024 and a technical evaluation of proposals was submitted on January 14, 2025.
- iv. NGWSP Revegetation Plan was signed by BIA, Navajo Nation, and will be forwarded to BLM for signature next.

**34) Power Transmission (NTUA)**

**a. Meeting held Jan. 17, 2025**

**b. San Juan Lateral Status (NTUA)**

- i. Expected SJL turnout completion for power will be same timeline as when WTP should receive permanent power. BOR received 90% plans from SMA for Naschitti.
- ii. PP1 fiber will go to SJR intake
- iii. Temp. Pumps will get power from Farmington Electric
- iv. Transmission Line (Cudei to Coalmine) - Still going through design review. Material bid opening next week.
- v. Nenahnezad Substation - Should have award next week, Transformer coming in July
- vi. Rectifier Sites – construction on-going.
- vii. PP#4 - wait for permanent power for testing and commissioning, 115 kV transmission should be complete by end of year, but the Newcomb Substation will need to be complete before it can be used. Expect completion by end of 2025.
- viii. PP2 and PP3 - Don't have a way to test until Newcomb Substation and 115 kV line is complete.
- ix. Initial construction contracts have been awarded for power transmission lines

**c. Power Supply Agreements**

- i. Additional amendments to be completed

**d. Renewable Energy Feasibility Study w/NREL (Navajo Nation/WCAO)**

- i. No new updates

**35) SCADA/Cybersecurity (Reclamation)**

**a. Cutter Lateral (FISMA compliance)**

- i. Working on adding components to the SJLWTP contract.

**b. San Juan Lateral (Reach 14 Radio Communications)**

- i. Meeting on Friday, Jan 24 on Reach 13 and 14

36) Budget (Reclamation)

- a. FY2025 Construction Budget:
  - i. Mandatory - \$120,000,000
  - ii. Discretionary - \$0
  - iii. Carry over - \$290,000,000
- b. City of Gallup Credit Request Status
- c. 2nd Quarter FY2025 Bills

37) Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter
- b. Construction Outreach

38) Action items and assignments (Reclamation)

39) Schedule next PCC meeting – Apr 24, 2025 (in Denver) – in-person with virtual option

- a. Tour of the SJL Intake to take place Apr 23