

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 65
THURSDAY, Nov 7, 2024, 9:00 AM
In-Person and via MS-Teams
SUMMARY**

- 1) Review and approve agenda (Reclamation)
- 2) Review July 25, 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)

30% coming, there will be separate SCADA package coming in the future
Operations agreement includes intake and downstream transmission system (all San Juan Lateral)
- 10) General construction:

For specific areas, there are rocks being placed to prevent ROWs from being roads. There may be areas that are being used for roads. NNHHPD will get with USBR to talk about areas of concern where the ROW could be being used as road.

Reclamation is continuing review available funding and contingency planning as legislation is needed in order to complete the Project. Sen. Lujan's office recognizes that the political climate has changed and is committed to do what they can to meet the needs of the project before the end of the year. The Senator is concerned about the power so will be discussing more with USBR. Brian Lee has some suggestions that may help with the power supply.

The City is also concerned and wants to ensure all participants are sharing the same message. The City is planning a trip back to Washington next week to discuss the amendments and importance of the Project to the City.

- 11) Reach 27.7B (Gallup)
- 12) Reach 14.1 (Indian Health Service)

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 13) S. 1898/ H.R. 3977 - Navajo-Gallup Amendments

- 14) Disinfection Byproducts (moved up from Regulatory section) (Reclamation)
 - a. San Juan Water System
 - i. Presentation provided by TSC
 - ii. Strategy document being created to determine what may be necessary throughout the system

- 15) San Juan Lateral Flow Allocation Discussion (Navajo Nation/City of Gallup/IHS/Reclamation)
 - a. NGWSP Flow Allocations
 - i. PIN 022.4 Discussion
 - 1. City of Gallup and NTUA discussing allocation of water in the southern portions of the San Juan Lateral and will get back with USBR once those allocations are determined
 - b. Other settlement potential flows

- 16) San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
 - a. Temporary Pumping System
 - i. Award Fall 2024; Construction Fall 2024-Winter 2025
 - ii. Currently pursuing the use of electric pumps, as opposed to diesel pumps. Power to be supplied by Farmington Electric Utility System.
 - b. R1 Pipeline Repairs
 - i. Review C held 9/30-10/4; SpecB slipped 1-month to 12/6
 - ii. Award Summer 2025; Construction Fall 2025 - Summer 2026
 - c. Frank Chee Willetto Reservoir/Dam
 - i. VE Study Summer 2025
 - ii. Review C Spring 2026
 - iii. Award early 2027; Construction 2027 (approx. 1 year)
 - d. Tank bypass
 - i. Tank bypass will now be pursued for water storage/delivery to PNM, as opposed to coffer dam.
 - e. Intake Pumping Plant
 - i. Model update with video presentation
 - 1. Wrapping up hydraulic testing end of Nov
 - 2. Draft report available mid-December
 - 3. Model will be modified to set up recirculation system
 - 4. Sediment modeling being in mid-December
 - 5. Modeling complete early Feb
 - 6. February will be a great time
 - 7. NGWSP group coming in early January to discuss SJLWTP and can view the model at that time
 - ii. Review C scheduled for 11/18-11/22

- 17) Block 2-3 – Status/Schedule (Reclamation)
 - i. The design of the open trench portion of Block 2-3 pipeline on hold.
 - ii. The design of the HDD portion of Block 2-3 is moving along – 90% design revised ETA is now February 12, 2025.
 - iii. ROW acquisitions are in process.
 - iv. Mesa Verde Cactus survey complete and awaiting report.

- 18) 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 in a month.

USBR to have Industry Day to encourage additional bidders on remaining NGWSP features. Potentially February 2025. USBR will include City of Gallup on Industry Day.

- 19) 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
 - 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. Data expected to be transferred at Tohlakai but handled elsewhere.
- 20) Tohlakai Pumping Plant (Reclamation)
- a. Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)
 - i. City hasn't needed the water as the summer ended.
 - ii. Water will probably begin to be used in March/April 2025
 - iii. USBR and Gallup to provide meter data to NTUA – NTUA to resend request
- 21) Reach 14.2 (Indian Health Service)
- a. 12" C900 DR 18 pipe delivery received at NECA warehouse. IHS inspected and deemed in good condition.
 - b. IHS adjusting plan and profile sheets and detail sheets for 12" pipeline.
 - c. Supplemental to the Technical Specifications are in draft form; review with IHS Navajo Area Office pending.
 - d. No new updates on construction schedule.
- 22) Reaches 14.6a, 14.7a, 14.8a (Reclamation)
- a. Working to procure ROW information from IHS, including private landowner contacts
- 23) BBN9 – Status/Schedule (Navajo Nation/SMA)
- a. 10.1.1 – construction contract executed, NECA is contractor, submittals provided, NECA beginning to procure pipe
 - b. BBN9 Groundbreaking Ceremony took place Oct 26
- 24) San Juan Lateral Turnouts and Community Connections
- a. Turnout Buildings (Reclamation)
 - i. Beginning design
 - b. Community Transmission and Treatment (Navajo Nation/SMA)
 - i. Naschitti (Navajo Nation/SMA)
 - 1. NTUA has provided comments on Naschitti and there need to be corrosion studies completed on the consecutive water systems
 - ii. Sanostee (Navajo Nation/SMA)
 - 1. 30% design was sent in Sep for review by USBR and SMA is working toward 60% design
- 25) Shiprock Connection (Reclamation)
- a. Mesa Verde Cactus survey complete and awaiting report.

CUTTER LATERAL

- 26) Construction and OM&R Update (Reclamation/NTUA/Navajo Nation)
- a. Operations – General
 - i. WTP production averaged 368,000 gpd for this past 3rd quarter.
 - ii. Documents meeting the FISMA/NIST 800-53 moderate impact gap analysis for the draft Authority to Operation (ATO) application are 95% complete. Last quarter, NTUA's security analyst contractor completed interviews with the operators, drafted the Policies & Procedures (P&Ps), and outlined the Plan of Action and Milestones (POA&M) for the required security upgrades. The 100% package is expected to be delivered to Reclamation by late November after completing the responsibilities assignments and timelines in the POA&M, addressing remaining comments on the package, and running a final QA on P&Ps.
 - b. Water Regulatory/Quality
 - i. Response was provided on 12 September 2024 to NMED's sanitary survey for the R21 and R22 facilities, conducted 24 July 2024. All items were addressed except for some

knowledge gaps on tank drain & overflow piping configuration at pumping plant 1, with a final response due to NMED in February 2025.

- 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 CL WTP since early May. Follow-up test results indicate LRAA remains below TTHM regulatory limit of 0.008 mg/l; however, a rise in last quarter’s results is prompting coordination meetings with the cPWS operator to review chlorine levels to inform possible recommendations for lowering DBPs.
- c. Area Wide Optimization Program (AWOP) - (NTUA)
 - i. No updates from NTUA. Awaiting invite for next quarterly meeting.
- d. Water Treatment & Conveyance Contract (Jicarilla/NTUA)
 - i. NTUA and JAN have come to terms and NTUA signed the contract in September. JAN and Reclamation signatures are imminent.
 - ii. Cost of services study has commenced w/anticipated draft completion by spring of 2025.
- e. Jicarilla Connection Update (Jicarilla)
 - i. Contract substantially complete and SMA is verifying the completion. Water is being delivered since August 2024. The pipeline includes 1 service connection that is in service and serving a single-family dwelling. The remaining flow is going to Teepee Junction and that connection is being completed.
- f. Reach 21 Booster Plant (Reclamation)
 - i. NTUA addressing overflow issue which was caused by the Chlorine Analyzer
 - ii. 90% Spec D due Spring 2025. – erosion issues delayed the 90% completion
 - iii. Constructability review will be scheduled.
 - iv. Review C scheduled in Spring 2025.

WATER TREATMENT

- 27) Regulatory Coordination (Reclamation)
 - a. Next Regulatory Workgroup Meeting
 - i. Mtg has been postponed
 - ii. MOU pending signature
 - iii. NNEPA will be taking lead on future regulatory coordination meetings
 - iv. City of Gallup has proposed modification to the MOU as it is not clear that consecutive water systems must be Public Water Systems – can be discussed at next regulator mtg
 - b. Blending & Corrosion Control
 - i. San Juan & Cutter Water Systems – updated provided
- 28) San Juan Lateral Water Treatment Plant (Reclamation)
 - a. 30% design is expected in December
 - i. Jacobs will continue to design while reviews are ongoing, so expeditious reviews are appreciated
 - b. Project enhancements related to NGWSP Expansion and O&M flexibility/efficiency
 - c. Navajo Nation granted ROW inadvertently to BIA. Working to revise.
 - d. Blessing ceremony expected before groundbreaking

PROJECT WIDE

- 29) Upcoming PINs / Modified PINs (Reclamation)
 - a. PIN 022.4 – Add Startup Flows for SJLWTP
 - b. PIN 027.1 – Cutter Turnout Flows – will be sent next week for signature
 - c. PIN 034 – SJ Lateral Storage
 - d. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations
 - e. PIN 050 – San Juan River Pumping Plant
 - f. PIN 051 – San Juan Lateral Water Treatment Process Decision – to-be sent out with 30% WTP design
- 30) Cultural Resources Compliance – Project-Wide (Reclamation)
 - a. Survey: Working on a contract now for the changes in Reaches 2 &3 APE to be surveyed.
 - b. Next CRCs: We are trying to complete the 10.1 and 10.2 CRCs now.

- c. Tribal Construction Monitoring Program is active – Stampede is the current contractor running the program.
- d. Further Mitigation Program: Awarding contracts/grants to tribes to do more meaningful mitigation than typical Section 106. Jicarilla Apache was first contract awarded.
- e. Next Workgroup Consultation Meeting: projected to be in February in Gallup

31) Environmental Compliance – Project-Wide (Reclamation)

- a. Compliance
 - i. CE drafted for Reach 1 Temporary Pumping System Powerline
 - ii. TSC is assisting with CWA Section 402 permitting for Reach 1.
 - iii. Hydrostatic Testing General Permit approved by EPA on 8/28/24
 - iv. TBD still if a point source NPDES permit is needed.
 - v. Meeting scheduled with USACE on 11-8-24 to discuss jurisdictional status of FCW Reservoir and Shumway arroyo. Streamflow Duration Assessment Methods (SDAMs) completed by WCAO on 10-7-24
 - vi. Mesa Verde Cactus surveys completed on Block 2-3 & Shiprock Connection in 2024. Preliminary waypoints received; survey report is expected this month
 - vii. 24.1 Lybrook EA - Reviewed by Reclamation, contractor currently revising
 - viii. Naschitti Connection CE – Still waiting on information from SMA to be able to finish
 - ix. CWA compliance monitoring recently done on Red Willow Wash, Cutter Wetland and Tse-nas-chii Wash. Reports being prepared
- b. Revegetation
 - i. Reaches 9-11 revegetation work completed
 - ii. Hand seeded upland areas of Red Willow wash last week of October
 - iii. Reseeding on 12.1/12.2 still underway.
 - iv. A reseeding contract for Reaches 4C-8 has been prepared
 - v. NGWSP Revegetation Plan was signed by BIA, Navajo Nation, and will be forwarded to BLM for signature next.

32) Power Transmission (NTUA)

- a. San Juan Lateral Status (NTUA)
 - i. Next monthly meeting Nov 15
- b. Power Supply Agreements
- c. Renewable Energy Feasibility Study w/NREL (Navajo Nation/WCAO)
 - i. NREL team recently completed site-visits on the Project.

33) SCADA/Cybersecurity (Reclamation)

- a. Cutter Lateral (FISMA compliance)
 - i. Still working forward
 - ii. Regular meeting occurring
- b. San Juan Lateral (Reach 14 Radio Communications)
 - i. Meeting held internally Oct. 3, 2024
 - ii. USBR needs to find out what NTUA's current status is and confirm that they're connecting the BBN9 fiber to their control network at the 491 fiber interface point and not planning on connecting through Reclamation's network.
 - iii. USBR needs a list of datapoints from NTUA for SJL
 - iv. USBR to set up focus call

34) Budget (Reclamation)

- a. FY2025 Construction Budget:
 - i. Mandatory - \$0
 - ii. Discretionary - \$0
 - iii. Carry over - \$
- b. City of Gallup Credit Request Status
 - i. Gallup awaiting ROW for R27.7 and then will put in request
- c. 1st Quarter FY2025 Bills

35) Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter
- b. Construction Outreach

36) Action items and assignments (Reclamation)

37) Schedule next PCC meeting – Jan 23, 2025 – in-person with virtual option