

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 63
THURSDAY, July 25, 2024, 9:00 AM
In-Person and via MS-Teams
SUMMARY**

- 1) Review and approve agenda (Reclamation)
- 2) Review May 23, 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 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) Reach 27.7B (Gallup)
 - a. R27.7B was near completion in May
 - b. Issued change order for \$266,000
 - c. Realignment of line required
 - d. Finalizing ROW to realign
 - e. Line has been installed
 - f. 84 days added (Aug 19) completion date
 - g. \$6.6m was original and \$6.8m is now total
 - h. Pumps installed w/ R27.6 and seals needed to be replaced and pumps needed to be realigned and balanced
- 10) Reach 14.1 (Indian Health Service)
 - a. Construction schedule for tank construction/overall pipeline construction contingent on receiving requested updates to NECA specifications.
 - b. Specs have been updated and will get in touch with Reclamation regarding scheduled construction

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 11) S. 1898/ H.R. 3977 - Navajo-Gallup Amendments
 - a. House introduced \$12 billion of water rights settlements which will complete with the NGWSP amendments
 - b. Trying to work to get this included in another bill to get it through this year
- 12) San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
 - a. Temporary Pumping System
 - i. Solicitation issued 7/8/24
 - ii. Site visit held 7/15/24
 - iii. Award Fall 2024; Construction Fall 2024-Winter 2025
 - b. R1 Pipeline Repairs
 - i. Review C scheduled for 9/30-10/4
 - ii. Award Spring 2025; Construction Summer 2025 - Summer 2026
 - c. Frank Chee Willetto Reservoir/Dam
 - i. Tank bypass will now be pursued for water storage/delivery, as opposed to coffer dam. Internal TSC meeting 7/30/24 to further discuss next steps.
 - ii. VE Study Summer 2025
 - iii. Review C Spring 2026
 - iv. Award early 2027; Construction 2027 (approx. 1 year)
 - d. Intake Pumping Plant
 - i. Review C scheduled for 11/18-11/22

- 13) 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.

- 14) SJL Pumping Plants – Status/Schedule (Reclamation)
 - a. Pumping Plant #1
 - i. Review C scheduled 9/16-9/20
 - ii. NN ROW application package is being its final stages and is expected to be submitted to the Navajo Nation this week.

- 15) Reach 27/Pumping Plant #8 – Status/Schedule (City of Gallup)
 - a. PP8 – 30% forthcoming
 - i. Considering hydropower generation incorporation
 - b. 27.12 – 60% w/ USBR for review

- 16) Tohlokai Pumping Plant (Reclamation)
 - a. Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)
 - i. USBR completed backflow prevention installation as required by NMED
 - ii. Gallup is preparing to begin taking water deliveries from Twin Lakes Well through 12a and 12b
 1. Sampling was completed two weeks ago and are awaiting results
 2. Planning on taking water mid- to late-August

- 17) Reach 14.2 (Indian Health Service)
 - a. Upsizing – IHS reviewing authority to accept pipe from Navajo Nation and awaiting finalization of letter to Navajo Nation
 - b. IHS to meet with SMA in the coming week to discuss upsizing
 - c. Navajo Nation has approved Purchase Order for upsized pipe

- 18) Reaches 14.6a, 14.7a, 14.8a (Reclamation)
 - a. Reclamation is anticipating receipt of additional information on schedule for separating out allotted vs. Tribal trust land ROW and contact information for private lands that Reclamation will need to acquire ROW.

- 19) BBN9 – Status/Schedule (Navajo Nation/SMA)
 - a. R10.1.1 – NN President has signed construction contract to be issued to NECA
 - b. R10.3 – 100% design being finalized
 - c. R10.3.1 – 100% design will be next issued

- 20) San Juan Lateral Turnouts and Community Connections
 - a. Turnout Buildings (Reclamation)
 - i. Does not include the BBN9 FAA turnouts for R 10.1 (Crownpoint), R10.1.1 (Coyote Canyon) and R12.3 (Window Rock). These will be constructed as part of the BBN9 FAA.
 - ii. NTUA has defined the type of above ground building that they would prefer.
 1. Includes valving, meters, and backflow prevention.
 - iii. TSC is completing a PMP for design.
 - iv. Turnouts buildings are (not in any particular order):
 1. Shiprock (incl. in SJLWTP)
 2. Sanostee
 3. Newcomb
 4. Sheep Springs (incl. in PP4)
 5. Naschitti
 6. Tohatchi-Mexican Springs (incl. in PP7)

- 7. Rock Springs and Tsayatoh
- 8. Coyote Canyon/10.1.1?
- 9. Others?
- v. SMA to set up Turnout Call for August
- b. Community Transmission and Treatment (Navajo Nation/SMA)
 - i. Naschitti (Navajo Nation/SMA)
 - 1. Construction contract in 164 process to issue contract
 - 2. Encroachment permit has been drafted and has been sent to Navajo Nation for review

21) Shiprock Connection (Reclamation)

- a. Mesa Verde Cactus survey complete and awaiting report.

CUTTER LATERAL

22) Construction and OM&R Update

- a. Operations – General (NTUA)
 - i. WTP production averaged 322,250 gpd for the 2nd quarter.
 - ii. For the IT/physical security analysis, development of the FISMA/NIST 800-53 moderate impact gap analysis and ATO package is about 40% complete. RSM, NTUA’s contract security analyst, continues interviews with NTUA and contract operator, Jacobs. The gap analysis and draft ATO package with POAM for compliance with the 295 security controls are expected to Reclamation by October.
- b. Water Regulatory/Quality (NTUA)
 - i. Sanitary survey for the R21 and R22 facilities was conducted 24 July 2024.
 - ii. The ACH coagulant optimization study proposal was finalized and provided to Reclamation and NTUA on 24 June 2024 and is currently under review.
 - iii. Torron DBP issue – Two non-consecutive quarterly high test results prompted use of the GAC filters at the CL WTP in early May. Follow-up test results indicate LRAA remains below regulatory limit of 0.008 mg/l TTHMs and is meeting operational goals.
- 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 are working out last remaining issues regarding mapping of the geographic hand-off between NTUA and JAN facility operations, calculations for the cost allocations to JAN, and clarifying taxes and jurisdictions.
 - ii. Cost of services study is commencing in July w/anticipated draft completion in mid to late fall.
- e. Jicarilla Connection Update (Jicarilla)
 - i. Contractor working on closeouts
 - ii. Addition of service connection to a home has been completed
 - iii. Substantial completion planned for August 14 for connection to NGWSP
- 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. Review C scheduled in Spring 2025.

WATER TREATMENT

23) Regulatory Coordination (Reclamation)

- a. Disinfection Byproducts
 - i. San Juan Water System
 - 1. Flow through pipe testing planned at CLWTP to inform San Juan and Cutter Systems. Setup at CLWTP planned August 2024.
 - 2. Ongoing bench testing to evaluate scale stability changes with changing water sources.
 - 3. Monthly meetings to facilitate communication between Navajo Nation/NTUA, Gallup, Reclamation on blending and corrosion topics.
- b. Blending & Corrosion Control
 - i. San Juan & Cutter Water Systems
 - 1. DBP formation vs. time curve bench-scale lab testing ongoing

2. Detailed GIS based flow and pipeline data collection and modeling ongoing to provide updated residence times

24) San Juan Lateral Water Treatment Plant (Reclamation)

- a. Procurement Update - Award expected for mid-September
- b. NN ROW has been granted and BIA ROW application package is in its final stages and is expected to be submitted to BIA this week.

PROJECT WIDE

25) Upcoming PINs / Modified PINs (Reclamation)

- a. PIN 022.4 – San Juan Lateral Turnout Flows – Needs SJLWTP startup flows
- b. PIN 027.1 – Cutter Turnout Flows – to include predicted and actuals
- c. PIN 034 – SJ Lateral Storage – need tables updated
- d. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – being finalized
- e. PIN 050 – San Juan River Pumping Plant – in draft
- f. PIN 051 – San Juan Lateral Water Treatment Process Decision – beginning draft

26) 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: active again – Stampede is the current contractor running the program.
- d. Further Mitigation Program: Trying to award contracts or grants to tribes to do more meaningful mitigation than traditional Section 106. We have submitted the first contracting package to get Jicarilla Apache’s desired program under contract.
- e. Next Workgroup Consultation Meeting: projected to be end of September in Flagstaff

27) Environmental Compliance – Project-Wide (Reclamation)

- a. CE written for Temporary Pumping System in Reach 1- has been routed for signatures.
- b. TSC is assisting with NDPES point source discharge permit for Reach 1.
- c. Due to recent information from EPA, Reclamation can submit a hydrostatic testing general permit instead of an NDPES application. The hydrostatic general permit is less complex than the NDPES permit application. Environmental/cultural documentation is still required for the hydrostatic general permit. No changes in timeline expected.
- d. Meeting held with USACE on 6/12/24 to discuss Reach 1 project activities and 404 permit requirements.
- e. Some activities do not require a permit; some fall under a maintenance exemption, and others may require NWP 3, 23, or 33 depending on activity
- f. Need to determine if Frank Chee Willetto Reservoir is jurisdictional under new WOTUS definition. Streamflow Duration Assessment Methods (SDAMs) upstream of FCWR will need to be completed. If determined to be non-jurisdictional, most activities at FCWR will not require 404 permits.
- g. CE written for Small Mouth Bass transfer at Frank Chee Willetto Reservoir to Wheatfields Lakes in Arizona - has been routed for signatures.
- h. Mesa Verde Cactus surveys just completed on Block 2-3 & Shiprock Connection.
- i. BIA signed NEPA Sufficiency Review for the SJLWTP ROW Expansion on 5/31/24.
- j. 24.1 Lybrook EA was sent to Reclamation for review -in process.
- k. Nashitti Connection CE - Waiting on information from SMA to be able to finish.
- l. CWA compliance monitoring will be occurring in late August/September for Red Willow Wash, Cutter Wetland and Tse-nas-chii Wash.
- m. Revegetation
 - i. Reaches 9-11 revegetation work began July 15.
 - ii. Reseeding to begin on 12.1/12.2 on July 22. Will take approximately 2 weeks.
 - iii. Reseeding for 4A/4B - contractor is in the process of reaching out for bids.
 - iv. A reseeding contract for Reaches 4C-8 is starting to be prepared.
 - v. NGWSP Revegetation Plan was signed by BIA and is now with Navajo Nation for signature.

28) Power Transmission (NTUA)

- a. San Juan Lateral Status (NTUA)
 - i. Power to Pumping Plants #4 and #7 - Testing & Commissioning (Currently in progress).
 - 1. Electric & Fiber Construction Update PP#4 - Switchgear has been repaired and placed back in-service. PP#4 power has been reestablished and testing to continue for Archer Western. Fiber points and splice logic pending confirmation.
 - 2. PP#7 Fiber Road Crossing. - Road crossing is scheduled for July.
 - ii. Power to 4C-11 Rectifiers – Some ROW has been approved. Pending construction work order packets for service pole installation.
 - iii. Power to Pumping Plants #1, #2 and #3 – No new updates.
 - iv. SJ River Intake – Fiber River Crossing - ROW has been submitted. The plan & profile of the river crossing has been submitted to personnel with Army Corp of Engineers for review/approval. expected to begin construction in April 2025.
 - v. Frank Chee Willetto Reservoir - PNM on impact study (Pending update from PNM)
 - vi. Nenahnezad Substation NTUA to award bidder with NTUA Board approval
 - vii. Newcomb & Tohatchi Substation - NTUA to review updated bid and award
 - viii. Naschitti Turnout - awaiting 100% designs. Encroachment Agreements pending with the Regional Office.
 - ix. Transmission Line (Cudei to Coalmine) - Material procurement status (Purchase is currently in the procurement process. Will need get on July's board meeting for material procurement.
 - x. Plant Equipment - Award of the 5000kva padmounts are currently process and expect purchase orders to be submitted in next 1-2 weeks.
 - xi. 115kV Powerline Construction – no update
 - xii. WTP Distribution Line – NTUA will not be utilizing the water line route. NTUA will be using an existing 3-phase powerline south of the airport to provide power to the plant.
 - xiii. Next meeting - August 8, 2024
- b. Power Supply Agreements – revisit after wheeling agreement is complete
- c. Renewable Energy Feasibility Study w/NREL (Navajo Nation/WCAO)
 - i. No new updates
 - ii. Amendments include funding for renewable energy projects

29) 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. USBR to set up meetings to discuss R14 and R27 communications

30) Budget (Reclamation)

- a. FY2024 Construction Budget:
 - i. Mandatory - \$164,000,000
 - ii. Discretionary - \$0
- b. City of Gallup Credit Request Status
- c. 4th Quarter FY2024 Bills

31) Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter
- b. Construction Outreach
 - i. Gallup to consider inviting USBR to a City Council Meeting
 - ii. USBR participants in Navajo Nation Fair
 - iii. USBR could consider having a booth at the Gallup Arts Crawl

32) Action items and assignments (Reclamation)

33) Schedule next PCC meeting – Nov 7, 2024 – in-person with virtual option