

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 61
THURSDAY, October 26, 2023 9:00 AM
In-Person and via MS-Teams
SUMMARY**

- 1) Review and approve agenda (Reclamation) – approved
- 2) Review August 3, 2023 PCC Meeting Summary (Reclamation) – no comments
- 3) Review of PCC Action Item List (Reclamation)
 - a. Tribute garden/recognition area: Considering something in several different places may be of value

CONSTRUCTION UPDATE – see slides for updates

- 4) Block 4A/4B (Reclamation)
- 5) Pumping Plants No. 2 and 3 (Reclamation)
- 6) Block 4C-8 (Reclamation)
- 7) Pumping Plants No. 4 and 7 (Reclamation)
- 8) Navajo Code Talkers Sublateral (Reaches 12.1/12.2) (Reclamation)
 - a. USBR: Send geotech report for Blackhat Tank to NNEPA (Lyle Begay)

USBR: Create visual representation of water quality at the reservoir and make that available. Send to PCC group. Consider a sign with additional information about water quality near the FCW Reservoir.

USBR: provide as-builts to NNEPA for completed features

- 9) Reach 27.7B (Gallup)

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 10) S. 1898/ H.R. 3977 - Navajo-Gallup Amendments
 - a. Speaker of the House has been elected
 - b. Mark up expected soon in the Senate
 - c. Senator Lujan’s office is getting a lot of questions about this being irrigation water and not municipal water - Tohatchi and Sanostee chapters primarily
 - d. USBR: Newsletter article discussing the purpose of the water (municipal water...can be used for irrigation/livestock but may be more expensive)
 - e. NM delegation has been great to work with on this. The Navajo Nation has been working with the Bureau of Reclamation, State of New Mexico and State of Arizona, City of Gallup to include consensus language.
- 11) San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
 - a. Design updates:
 - i. 60% is nearly complete
 - ii. Constructability review will be beginning early November
 - iii. 90% expected in May 2024
 - iv. Work at the FCW Dam will be separated into another contract
 - b. SJR Intake Pumping Plant and SJGS Reservoir Modifications

- i. Weir Elevation Recommendation (Sterling) – see slides
- ii. USBR: Review dam breach scenarios and impacts at the intake
- c. ROW
 - i. Appraisals received for the two private property acquisitions remaining on Reach 1
 - ii. Offer letters to be sent shortly

12) Block 2-3 – Status/Schedule (Reclamation)

- a. 90% Design expected in March 2024
- b. Constructability Review - (Week of August 31st) HDDs and realignment to County Road – award late next year. Working through private parcel acquisition north of the river which is the critical path.
 - i. Reach 2 realignment options (Ryan)
 - HDD – Presentation on HDD realignment downstream of PP1
 - Road Alignment – Presentation on realignment options to move the alignment to the County Road and remove one HDD.
- c. ROW
 - i. Private: Appraisal required for remaining private property ROWs between Rd 6800 and the SJRiver as well as PNM property
 - ii. Tribal: application anticipated in coming months

13) SJL Pumping Plants – Status/Schedule (Reclamation)

- a. Pumping Plant #1
 - i. VE Proposal Review (Ryan) – see slides for updates
 - ii. PIN 032 review for pump number
- b. ROW

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

- a. 27.7B – completion expected in spring 2024
- b. 27.12 – starting construction in 2024
- c. PP8 – still in design, starting construction in 2025
- d. City SCADA system – looking at sole-source justification. Need to upgrade due to age and to meet FISMA requirements
 - i. San Juan Lateral SCADA is likely to be Wonderware

15) Tohlokai Pumping Plant

- a. Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)
 - i. Backflow preventor is ready for installation
 - ii. USBR: information to be sent to City of Gallup, NMED

16) Reach 14 (Indian Health Service)

- a. Reaches 14.1 and 14.2 – Status/Schedule
 - i. USBR reviewing contract documents and archeological report
 - ii. Expecting NTP for construction
 - iii. Storage tank installation expected first
 - iv. Potential upsizing
 - Follow-up discussion to be held regarding the potential upsizing of the pipe from 16” to 18”
 - SMA to follow up with group after hydraulic analysis
 - Navajo Nation: to write letter supporting the upsizing of R14.1/2

- v. Next chapter meeting will be Dec 20th at 10am
- b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - i. Options for moving ahead (Bart/Ryan)
 - IHS requested USBR
 - ROW was expected to be largest challenge
 - a. Signed consents cannot be transferred from IHS to USBR
 - b. BIA can complete ROW acquisition and re-assign to USBR
 - Options to move ahead:
 - a. IHS completes ROW and assigns to USBR to complete design and construction. CONS: private parcels would not be included in transfer and could be an issue for USBR.
 - b. USBR only does design, provides support during construction, and IHS would contract for construction and oversee construction. CONS: IHS may not have resources to completed construction and meet deadlines.
 - c. Navajo Nation complete work under FAA. Similar to BBN9. NN finish ROW acquisition and design and construct the reaches. CONS: resources may not be available through the Nation to complete design and construction and meet deadline.
 - USBR: set up meeting with IHS and Navajo Nation to discussion options and decide on path forward

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

- a. Reach 10.1.1
 - i. Has signed construction contract with NECA
 - ii. Going through 164 process to execute
 - iii. Construction expected to begin in Spring 2024
- b. 10.2.1
 - i. Design complete
 - ii. Construction will begin after 10.1.1
- c. Main BBN9
 - i. Design at 90%
 - ii. On-hold pending decision regarding upsizing of Reach 14.1/2 upsizing
- d. ROW
 - i. Policy changes being changed and there is a path forward after two grazing permites were unwilling to sign
- e. PIN 40 – Mods to Crownpoint Lateral Revisions
 - i. PIN has been reviewed but is on-hold with R14.1/2 upsizing

18) San Juan Lateral Community Connections

- a. Turnout Vaults (Reclamation)
 - i. Chlorination points will be moving closer to distribution points
 - ii. These will include flow meter and backflow prevention
 - iii. USBR: consider sampling tap at turnouts
- b. Community Transmission and Treatment (Navajo Nation/SMA)
 - i. SMA working on connection plans
 - Naschitti has ARPA funds that need to be obligated in less than a year
 - a. 60% design has been sent to Navajo Nation, NTUA, and USBR

- Other chapters have been paused while work continues on Naschitti

CUTTER LATERAL

19) Construction and OM&R Update (Reclamation/NTUA/Navajo Nation)

- a. Operation Update (NTUA/Navajo Nation)
 - i. There has been some operator turn over
 - ii. New level IV operator
 - iii. Jul: 400k g/day
 - iv. Aug: 353k g/day
 - v. Sep: 331k g/day
 - vi. USBR inspected facilities and NTUA working on correcting minor deficiencies
 - vii. Changing coagulants to help with downstream distribution systems
- b. Reaches 24 – 26 Construction Closeout and JAN Water Delivery (Navajo Nation/NTUA/SMA)
 - i. JAN conveyance contract being finalized
 - ii. Small deliveries being made to finish the construction of the JAN connection
- c. Reach 21 Booster Plant (Reclamation)
 - i. VE Proposal Review (Ryan) – Decision to construct the deferred tank now to improve operational flexibilities at the treatment plant and reduce start/stop times.
- d. Area-Wide Optimization Program (NTUA)
 - i. NTUA continues to participate in AWOP while focusing on turbidity and other readings

WATER TREATMENT

20) Regulatory Issues (Reclamation)

- a. SJL Disinfection By-Product Study Update
 - i. Ongoing
 - ii. Sampling has been completed in all chapters along the main transmission line
 - iii. Water analysis underway and a report is anticipated early-2024
- b. Corrosion Control Study

21) San Juan Lateral Water Treatment Plant (Reclamation)

- a. Water Quality BOD
 - i. Has been provided to WTP offerors
- b. Procurement Update
 - i. Offerors are working on 30% proposal that will be due in February 2024
 - ii. June 2024 award expected
 - iii. Construction expected in 2025

PROJECT WIDE

22) Upcoming PINs / Modified PINs (Reclamation)

- a. PIN 022.4 – Add Startup Flows for SJLWTP
- b. PIN 027.1 – Cutter Turnout Flows
 - i. Circulated for comments/review
- c. PIN 034 – SJ Lateral Storage

- i. Ryan working on updates
- d. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations
- e. PIN 039.1 – SJLWTP Site Selection – will be sent for signature
- f. PIN 040 – comments will be sent back to the Nation from USBR but updates may not be needed
- g. PIN 049 – Pumping Plant #1 Location
 - i. Is there a need for this PIN?
- h. PIN 050 – San Juan River Pumping Plant
 - i. Will be drafted following VE proposal report
- i. PIN 051 – San Juan Lateral Water Treatment Process Decision

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

- a. Survey : not currently working on any.
- b. Next CRCs: 10.2.1 is being finished now
- c. Tribal Construction Monitoring – active on Non-Navajo Nation lands on 12.1 and 12.2 and City of Gallup projects currently.

24) Environmental Compliance – Project-Wide (Reclamation)

- a. Clean Water Act Permits:
 - i. Currently working on submitting 27.12 and 10.2.1 is next
- b. Revegetation:
 - i. Project Wide Revegetation Plan – Still needs to be signed. WCAO submitted to BIA (Rudy Keedah) and Navajo Nation (Jason John) on September 16, 2021 for signature. Rudy is working to get that signed.
 - ii. Revegetation Contracts – Reach 9-11 contract was awarded
 - iii. Next will be Reaches 4c-8.
- c. NEPA:
 - i. Currently not working on any, next up will be 24.1 Lybrook EA in coordination with SMA and Reach 14.6a, 7a, 8a – in coordination with IHS.
 - ii. Beginning to look at NEPA requirements for changes on Reach 1 at the SJRiver pumping plant.

25) Power Transmission (NTUA)

- a. San Juan Lateral Status (NTUA)
 - i. Power to Pumping Plants #4 and #7
 - Contractor has been delayed and needs to move ahead with electrical work
 - NTUA working to provide required equipment
 - ii. Power to Block 9-11 Rectifiers
 - iii. Power to Block 4C-8 Rectifiers
 - iv. 115kV Powerline Construction
 - Lead-times for electrical equipment has increased significantly
 - Concern regarding power availability at NGWSP facilities as the 115kV installation has been delayed
- b. Power Supply Agreements Interim agreements in place. Need amendments to TCWA to add rectifiers and final power agreement. Scope changes also needed to include power to PP1 and other modifications in design.
- c. Renewable Energy Feasibility Study w/NREL (Navajo Nation/WCAO)
 - i. Interagency Agreement with NREL

- ii. Preparing procurement package documentation, awaiting FY24 NREL labor rate information
- iii. Award early 2025 with a 1-year study completion timeframe

26) SCADA/Cybersecurity (Reclamation)

- a. Cutter Lateral (FISMA compliance)
 - i. Agreement with NTUA to be modified to put FISMA compliance in place
- b. San Juan Lateral (Reach 14 Radio Communications)
 - i. Radio study is required to determine elevation and frequency range for antenna at Gamerco
 - ii. Tohlakai SCADA control system may need upgrades
 - iii. IHS and NTUA to discuss needs on Reach 14 data

27) Budget (Reclamation)

- a. FY2024 Construction Budget: \$TBD by DOI
 - i. Mandatory - \$TBD by DOI
 - ii. Discretionary - \$0
- b. City of Gallup Credit Request Status
- c. 1st Quarter FY2024 Bills

28) Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter
- b. Construction Outreach
- c. CLE Tribal Water Law Conference

29) Other Related Navajo-San Juan NM Settlement Issues (BIA/Navajo Nation) (MOVED FROM #4)

- a. Conjunctive Groundwater Use Plan – see slides
- b. San Juan River Navajo Irrigation Projects – see slides

30) Action items and assignments (Reclamation)

31) Schedule next PCC meeting – Jan 25, 2024 – in-person with virtual option