

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 56
THURSDAY, July 28, 2022 9:00 AM
via MICROSOFT TEAMS
SUMMARY

1. Review and approve agenda (Reclamation) - [approved](#)
2. Review and approve April 21, 2022 PCC Meeting Summary *Handout* (Reclamation) – [approved and available for comment](#)
3. Review of PCC Action Item List – *Handout* (Reclamation) – [reviewed and updated](#)
4. 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. Block 4C-8 (Reclamation) - [see slides](#)
6. Pumping Plants No. 4 and 7 (Reclamation) - [see slides](#)
7. Navajo Code Talkers Sublateral (Reaches 12.1/12.2) (Reclamation) - [see slides](#)
8. Reach 27.11 (Gallup)
 - a. [On schedule and budget](#)
 - b. [\\$24k change order due to material price increases](#)
 - c. [Changing some valves/sizes](#)
 - d. [1600 ft of pipe left to install but is currently unobtainable with supplier delays and may need to shut down construction and wait for pipe deliveries](#)
 - e. [Electrical connection pieces have 6-month lead time currently](#)
 - f. [Est. \\$4.6 million for completion](#)

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

9. Value Planning Update - [to be complete Sep 2022](#)
10. San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
 - a. SJR Intake Pumping Plant Rehab and SJGS Reservoir Modifications
 - i. [30% expected in Aug 2022](#)
 - ii. [VE anticipated mid-Dec 2022](#)
 - b. River Pumping Plant Physical Model
 - i. [~40% complete](#)
 - ii. [Report expected by year-end](#)
 - iii. [USBR - Provide video tour of completed physical model](#) (If significant interest from Project Participants, an in-person tour of the physical pump model can be arranged as well)
 - c. SJGS Land/Facilities Acquisition Update
 - i. [Agreements](#)
 - i. [Land Purchase Contract \(LPC\) is with PNM for final review](#)
 - ii. [Water Conveyance Agreement is with Reclamation Policy for final review](#)
 - iii. [Improvements \(water conveyance facilities\) agreement is being drafted](#)
 - ii. [Appraisal](#)
 - i. [Draft has been received by AVSO but Reclamation hasn't seen it yet](#)
 - ii. [Once finalized, an offer letter will be sent to PNM](#)
 - d. NEPA Compliance – Update and Schedule
 - i. [Environmental Assessment issued for Public comment on July 14, 2022; closes Aug 15, 2022](#)
 - ii. [Review/respond to comments - end of Aug 2022](#)
 - iii. [Sign FONNSI first few weeks in Sep 2022](#)
11. Block 2-3 – Status/Schedule (Reclamation)
 - a. [VE Study - Reclamation is still vetting a few last VE proposals to determine feasibility, schedule impact, and overall value. The proposal to follow N36 is being reviewed for schedule, cost, and cultural benefit.](#)
 - b. [60% Design – TSC is working towards 60%. Recent analysis and discussions on the location of Pumping Plant 1 have had an impact on the design of reach 2. Those changes are being implemented. 60% has been moved back 6 weeks \(from 07/25 to 09/05\).](#)

12. SJL Pumping Plants – Status/Schedule (Reclamation)
 - a. Pumping Plant #1
 - . Focus call recap – Location Decision PIN - see slides (summary comparison was given for the pumping plant south of the river versus north. Reclamation recommends locating the plant south for lower O&M costs).
 - b. Pumping Plants #2 & #3 The TPEC is being concluded this week. Award goal is mid to early September. Construction to begin early 2023
13. Block 4A-4B – Status/Schedule (Reclamation)
 - a. Final Design (Spec B) – Final design comments are being implemented. Solicitation is planned for September with construction to start in the spring of 2023
14. Reach 27/Pumping Plant #8– Status/Schedule (City of Gallup)
 - a. Reach 27.7b - provides water to 14.1/2, January advertisement
 - b. Reach 27.12 - 60% by year-end
 - c. PP8 - environmental, cultural, land discussions currently underway
15. Tohlokai Pumping Plant
 - a. Interim Groundwater Delivery from Twin Lakes Well (Reclamation/City of Gallup)
 - i. City will begin taking water deliveries and providing Navajo communities served through the Gallup Regional System in August
16. Reach 14 (Indian Health Service)
 - a. Reaches 14.1 and 14.2 – Status/Schedule
 - i. 14.1/2 construction has been pushed to fall
 - ii. Pre-con scheduled in September
 - iii. NECA will be prime contractor
 - b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - i. No update
17. BBN9 – Status/Schedule (Navajo Nation/SMA)
 - a. All phases under design
 - i. 10.1.1 and 10.1 at or nearing 90% design
 - ii. Others in various stages of design - most at 60%
 - b. Considering potential water deliveries beyond Crownpoint, currently just conceptual

CUTTER LATERAL

18. Construction and OM&R Update (Reclamation/NTUA/Navajo Nation)
 - a. Cutter Lateral Completion Ceremony and Commemoration – June 9th (Reclamation)
 - b. Operation Update (NTUA/Navajo Nation)
 - c. Reaches 24 – 26 Construction Closeout and JAN Water Delivery (Navajo Nation/NTUA/SMA)
 - i. JAN is planning to take first water deliveries in Fall 2022
 - ii. Reach 24.1 Lybrook connection is only remaining portion
 - i. SMA working on this portion
 - ii. Realignment has occurred and is proceeding through design
 - d. Area-Wide Optimization Program (Reclamation)
 - i. Operators are voluntarily meeting goals, which are more stringent than Safe Drinking Water Act and New Mexico Environmental Department requirements

WATER TREATMENT

19. Regulatory Issues (Reclamation)
 - a. SJL Disinfection By-Product Study Update
 - i. Two water collection events during the pilot study
 - ii. Testing will be done at Reclamation's laboratory
 - iii. Tank aeration study is currently wrapping up design in Mar 2023
 - b. Corrosion Control Study
 - i. Planning flowthrough pipe rig
 - ii. Will evaluate stability of distribution system water quality
 - iii. Coupon testing is on-going
 - iv. Have plans to sample remaining NTUA systems through late-summer/fall

20. San Juan Lateral Water Treatment Plant (Reclamation)
 - a. Appraisal Level Design Update (TSC)
 - i. Cost estimating has started, completion expected Jan 2023
 - b. UF/NF Membranes Pilot Study (TSC)
 - i. Contract awarded to CDM Smith
 - ii. Currently in planning stage
 - iii. Reclamation working to obtain permits
 - iv. Pilot will be located at reservoir
 - c. SJLWTP Sizing Basis of Design – PIN 022.4 (TSC)
 - d. Project Delivery Method Decision (FCCO)
 - i. Considered a number of different Project Delivery Methods including Reclamation designing and contracting construction through a construction manager at-risk project delivery.
 - ii. Decision has been made to pursue Hybrid Design-Build contract (similar to Cutter Lateral’s progressive design-build model but with more price competition prior to award)
 - iii. Will incorporate lessons learned from CLWTP
 - iv. Special Notification listed on sam.gov providing information regarding the Design-Build
 - i. USBR to forward link to Special Notification to Participants, which can be forwarded on, as it is a public document
 - v. Will go through RFQ, will request 30% design from 2-3 firms w/prices, will pay stipend to cover some of the design costs, single firm selected after 30% with a guaranteed maximum price, then at 90% will have firm-fixed price in order to go to construction
 - i. Project Participants can be part of the selection process; just not voting members.
 - vi. Industry day Nov 8-9 in Farmington will include site tours and one-on-one meetings to obtain feedback from industry experts
 - vii. Review C expected in January 2023
 - viii. Solicitation in spring 2023
 - ix. Water deliveries planned for summer 2028

PROJECT WIDE

21. 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 – Circulating for signatures
 - c. PIN 027.1 – Cutter Turnout Flows – Being updated to add start-up flows
 - d. PIN 034 – SJ Lateral Storage – FCCO updating to reflect latest designs and will send as draft in September
 - e. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – Circulate for signatures in August
 - f. PIN 039.1 – SJLWTP Site Selection – Draft out for review
 - 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 out August
22. Cultural Resources Compliance – Project-Wide (Reclamation)
 - a. Surveys
 - i. Received PP8 survey received, no issues with the location
 - ii. 24.1 Lybrook survey conducted but Reclamation has not yet seen the results
 - iii. Task order for remaining survey for Reaches 1-3 is beginning
 - b. Data recovery
 - i. Crownpoint lateral is on-going
 - i. Remote sensing on 10.1.1 completed with no significant results, Reclamation will send report for consultation
 - ii. Currently conducting remote sensing on 10.1 and results need further investigation
 - c. CRC
 - i. 4a 4b issued
 - ii. 10.1.1 to be completed next after consultation on Phase I results
 - d. Greater mitigation program
 - i. Working to provide funding to tribes for "Alternative Mitigation" in FY2023
 - e. Workgroup Meeting
 - i. Potentially in Aug via Teams

23. Environmental Compliance – Project-Wide (Reclamation)

- a. Environmental Assessments
 - i. San Juan Lateral Realignment (Reaches 1-4B, SJLTWP, PNM, PP1&2, etc.)
 - i. Draft EA in public comment until August 15. Final EA and FONNSI to follow ASAP
 - ii. Biological Assessment/Evaluation with NNDFW and USFWS for consultation. Need NNDFW’s Biological Resources Compliance Form (BRCF) and USFWS’s Biological Opinion (BO) before finalizing EA
 - ii. BBN9
 - i. Final EA and FONNSI with BIA. Need BIA to review FONNSI and give go ahead for signing.
 - iii. 14.6a/7a/8
 - i. NEPA work on hold until alignment is solidified and IHS provides more information about the project
 - iv. Lybrook 24.1
 - i. In planning. Needs onsite scheduled with BLM/other landowners before progressing further.
- b. NEPA Sufficiency Reviews
 - i. Pumping Plant 8 (anticipated)
 - i. City of Gallup completing additional biological/cultural surveys
- c. NGWSP Overall Revegetation Plan
 - i. With BIA and Navajo Nation for signature since September 2021

24. Power Transmission (Reclamation)

- a. San Juan Lateral Status (NTUA)
 - i. Power to Pumping Plants #4 and #7
 - i. Working w/ NTUA to get power into PP7
 - ii. Pole placement beginning in August
 - ii. Power to Block 9-11 Rectifiers
 - i. WAPA has added to agreement to cover cost to rectifiers
 - ii. Waiting on NTUA to sign and return
 - iii. Power to Block 4C-8 Rectifiers
 - i. Will be adding to the agreement
 - iv. 115kV Powerline Construction
 - i. No update
- b. Power Supply Agreements
 - i. Will be returning to the main power supply agreement
 - ii. Need to finalize interim power supply agreement with NTUA
- c. Cutter Lateral Renewable Energy Feasibility Study w/NREL (WCAO)
 - i. Completing analysis
 - ii. Space available surrounding CLWTP
 - iii. VFD motors would help with use of renewable power at Pumping Plants 1 and 2, but may not be feasible

25. SCADA/Cybersecurity (Reclamation)

- a. CLWTP Federal Information System Modernization Act (FISMA) compliance currently w/ Reclamation’s Denver office for consideration

26. Budget (Reclamation)

- a. FY2022 Construction Budget: \$185,041,000 - largest funding year to date, will fully obligate and in process of requesting additional funding for FY2023
 - i. Bipartisan Infrastructure Law (Mandatory) - \$123,000,000
 - ii. Discretionary - \$67,342,000 (incl. \$5,301,000 of O&M funding)
- b. NM Cost-Share Update/Status - CSCR #8 approved, CSCR #1 final to be approved
- c. City of Gallup Credit Request Status - expecting to receive R27.9 request
- d. 4th Quarter FY2022 Bills - Sent early-July, due early-August

27. Design and Procurement Schedule - uploaded to SharePoint

28. Information Sharing / Public Outreach (Reclamation)

- a. Quarterly Newsletter - accepting idea/articles for upcoming newsletters
- b. NM Legislature – Indian Affairs Committee - update provided to the committee on July 11th

29. Action items and assignments (Reclamation)

30. Schedule next PCC meeting – [Nov 3, 2022](#) – in-person with virtual option