

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 58
THURSDAY, January 26, 2023 9:00 AM
via MICROSOFT TEAMS
SUMMARY

- 1) Review and approve agenda (Reclamation)
- 2) Review November 17, 2022 PCC Meeting Summary *Handout* (Reclamation)
- 3) Review of PCC Action Item List – *Handout* (Reclamation)
 - a. Reclamation to revisit Project modification MOU and determine if a revision is still necessary
 - b. Reclamation will take responsibility to set up a Reach 14 communication discussion
- 4) Other Related Navajo-San Juan NM Settlement Issues (BIA/Navajo Nation) – *see slides*
 - a. Conjunctive Groundwater Use Plan
 - b. San Juan River Navajo Irrigation Projects

CONSTRUCTION UPDATE – *see slides*

Reclamation to begin outreach to new Navajo Nation Counsel members

- 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)
- 9) Reach 27.11 (Gallup) – *nothing new to report. All pipe in and installed but no financial changes.*

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 10) Navajo-Gallup Amendments and Value Planning Update
 - a. Reclamation has been working with Project Participants to come to consensus on proposed amendments in coming weeks
 - b. Oct 2022 Working Cost Estimate to be introduced in coming weeks
 - c. Reclamation to set up meeting with Project Participants sometime mid-Feb
 - d. Project Participants working together at ways to assist City of Gallup with well installation opportunities
- 11) San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
 - a. SJR Intake Pumping Plant Rehab and SJGS Reservoir Modifications
 - i. Reclamation working through VE proposals to make final recommendations
 - Reclamation to set up focus call about VE proposals
 - VE report(s) to be shared with Project Participants
 - Reclamation to set up meeting with Participants to discuss critical VE proposals
 - ii. Reclamation divers inspected reservoir outlet works and found nothing of
 - b. River Pumping Plant Physical Model
 - i. Tour Tuesday morning 1/31
 - ii. Video of results planned for next PCC
 - c. SJGS Land/Facilities Acquisition Update
 - i. Reservoir parcel is being overlapped by parcel to the east and is being remedied prior to signing agreements
 - ii. Naming the Reservoir?
 - Also need ppl and river pumping plant
 - Brian – process for that
 - Will work with Richard Begay to bring to the PCC for consideration
 - iii. Planning transfer event in the May/June timeframe
 - d. NEPA Compliance – Update and Schedule
 - i.
- 12) Block 2-3 – Status/Schedule (Reclamation)
 - a. 60% Design
 - i. Reclamation to provide VE accountability report to Project Participants following 60% design

- ii. 60% design expected in February. 90% design drawings and specs expected in July.
 - iii. ROW will be submitted summer
 - iv. Finalizing VE report
 - v. Many accepted or partially accepted proposals
- 13) SJL Pumping Plants – Status/Schedule (Reclamation)
 - a. Pumping Plant #1
 - i. 30% design expected April
 - ii. VE planned for June
 - iii. ROW may be submitted with Blk 2&3
- 14) Block 4A-4B – Status/Schedule (Reclamation)
 - a. Award expected in February
 - b. Construction start expected in spring
- 15) Reach 27/Pumping Plant #8– Status/Schedule (City of Gallup)
 - a. 27.7B – is currently advertised. Pre-bid tours going on today.
 - b. 27.12 – In design
 - c. PP8 – In design
- 16) Tohlakai Pumping Plant
 - a. Interim Groundwater Delivery from Twin Lakes Well (Navajo Nation/USBR/City of Gallup)
 - i. Reclamation to install backflow prevention on Reach 12A in order to deliver water to Gallup
- 17) Reach 14 (Indian Health Service)
 - a. Reaches 14.1 and 14.2 – Status/Schedule
 - i. March 20 is estimated construction start date
 - ii. Completion expected in August 2024
 - iii. IHS to talk with Reclamation about extension for the funding agreement
 - iv. 14.1/2 – Design costs were taken care of in-house by IHS
 - v. IHS has included construction management costs in the 14.1/2 cost estimate
 - b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - i. Design costs are not included in 14.6a/7a/8a
 - ii. IHS to estimate design costs and provide to Reclamation
 - iii. Construction start estimated to be August 2024
- 18) BBN9 – Status/Schedule (Navajo Nation/SMA)
 - a. BBN9 has issued a letter regarding the VE proposals
 - b. 10.1.1 – moving to 95% - integrating a changed in the turnout location
 - c. 10.2.1 – working on 90% design – SMA paused for the VE and proposals are being integrated into designs
 - d. 10.3.1 – working toward 90% design
 - e. Cultural Phase 1 and 2 for 10.1.1 is complete
 - f. Cultural Phase 1 on 10.1 and 10.2.1 beginning in February
 - g. Johnny Johnson:
 - i. Coyote Canyon was able to receive TIFFF funding to help with funding
 - ii. Concerned about BBN9 being fully funded and chapters and doing what they can to come up with funding
 - iii. Resolution will be forthcoming to request to fully fund BBN9
 - h. Reclamation to send the Nation email to set up call about FAA withdrawals
- 19) San Juan Lateral Community Connections (Navajo Nation/SMA)

CUTTER LATERAL

- 20) Construction and OM&R Update (Reclamation/NTUA/Navajo Nation)
 - a. Operation Update (NTUA/Navajo Nation)
 - i. CLWTP is producing about 270k gallons/day...down from summer months
 - ii. Found a water spot on Reach 22 but the water dried in winter and nothing was found following excavation
 - iii. Considering additional storage at reg. tank 3 to give operators more reaction time

- iv. Working with Reclamation to design new R21 Booster pump
- v. Will submit workplan to Reclamation in coming months as required by O&M waiver
- vi. NREL report has been received for renewable energy and is currently in review at NTUA
- vii. Reclamation and NTUA have been working together collaboratively on lateral-wide emergency plan
- b. Reaches 24 – 26 Construction Closeout and JAN Water Delivery (Navajo Nation/NTUA/SMA)
 - i. 11-month inspection completed received and concerns being resolved by SMA
 - ii. JAN delivery:
 - contractor working toward substantial completion
 - JAN has work to complete on termination location in order to receive Cutter Lateral Water
 - Late 2023 may see some demands from the water system but more likely more in the future
 - 2023 Cutter will be able to deliver water to JAN
 - iii. Water treatment and conveyance contract being negotiated with JAN with primary focus on fixed and variable costs where some language may be updated from what was previously discussed
- c. Reach 21 Booster Plant
 - i. Reclamation working toward 30% design in April
 - ii. VE expected end of May
 - iii. May need additional ROW
- d. Area-Wide Optimization Program (Reclamation)
 - i. Continue to relay data to the State

WATER TREATMENT

21) Regulatory Issues (Reclamation)

- a. SJL Disinfection By-Product Study Update
 - i. Gallup to request information regarding contact time for blending well water and needs the information for PP8 specifically as well as others
 - ii. Study is ongoing. Tank aeration study should be complete by April with larger DBP study across the SJL ongoing.
- b. Corrosion Control Study
 - i. Study is ongoing.

22) San Juan Lateral Water Treatment Plant (Reclamation)

- a. Appraisal Level Design Update
 - i. Appraisal level design estimate will be reviewed with stakeholders following this meeting.
- b. UF/NF Membranes Pilot Study
 - i. Some data has been received and shared with potential offerors for the SJLWTP.
 - ii. Some of the equipment on the skid suffered freeze damage and is being repaired.
- c. Solicitation Schedule/TPEC
 - i. Mar 1 RFQ
 - ii. TPEC slots are available for Navajo Nation, NTUA, and City of Gallup
 - NM does not feel they need to be part of the selection process
 - iii. TPEC expected last two weeks of April
 - iv. RFP TPEC in Feb/Mar 2024 and include same members from TPEC

PROJECT WIDE

23) Upcoming PINs / Modified PINs (Reclamation)

- a. PIN 022.4 – Add Startup Flows for SJLWTP
- b. PIN 024.3 – Water Storage Tank Materials
- c. PIN 027.1 – Cutter Turnout Flows
- d. PIN 034 – SJ Lateral Storage
- e. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations
- f. PIN 039.1 – SJLWTP Site Selection
- g. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections
- h. PIN 049 – Pumping Plant #1 Location
- i. PIN 0XX – San Juan River Pumping Plant

- j. PIN 0XX – San Juan Lateral Water Treatment Process Decision
- 24) Cultural Resources Compliance – Project-Wide (Reclamation)
 - a. Entire project area has been surveyed
 - b. Last report for 24.1 Lybrook going for consultation next week
 - c. No survey work being completed now
 - d. BBN9 is only data recovery currently taking place
 - e. CRC for PP8 issued today
 - f. 4a/b CRC to be next
 - g. Tribal construction monitoring program beginning again
 - i. Reach 12.1/2 and City of Gallup Projects
- 25) Environmental Compliance – Project-Wide (Reclamation)
 - a. Revegetation contracts coming
 - i. Being broken into contracts
 - b. Asbestos located in 4a/b and testing to happen before construction to determine if clean up is required
 - c. 24.1 Lybrook EA needs to be completed next
 - d. 14.6a/7a/8a EA needs to be completed also
- 26) Power Transmission (Reclamation)
 - a. San Juan Lateral Status (NTUA)
 - i. Power to Pumping Plants #4 and #7 – permanent power is to PP4&7 and awaiting transformers
 - ii. Power to Block 9-11 Rectifiers – working with NTUA on as-builts and getting encroachment agreements in place
 - iii. Power to Block 4C-8 Rectifiers – working with NTUA on as-builts and getting encroachment agreements in place
 - iv. 115kV Powerline Construction – in design and NTUA is targeting construction to begin later 2023
 - b. Power Supply Agreements
 - i. Blk4c-8 rectifiers, extension of BBN9
 - c. Cutter Lateral Renewable Energy Feasibility Study w/NREL (WCAO)
- 27) SCADA/Cybersecurity (Reclamation)
 - a. Reclamation working with NTUA and RSN to gather information and meet the FISMA requirements
 - b. Anticipate wrapping up in Spring/Summer-2023
- 28) Budget (Reclamation)
 - a. FY2023 Requested Construction Budget: \$137,000,000
 - i. Mandatory - \$137,000,000
 - ii. Discretionary - \$0
 - b. NM Cost-Share Update/Status
 - c. City of Gallup Credit Request Status
 - d. 1st Quarter FY2023 Bills
- 29) Design and Procurement Schedule
- 30) Information Sharing / Public Outreach (Reclamation)
 - a. Quarterly Newsletter
 - i. If anyone has ideas for articles, please send them to Reclamation
 - b. Construction Outreach
- 31) Action items and assignments (Reclamation)
- 32) Schedule next PCC meeting – May, 4, 2023 – in-person with virtual option