

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 49
THURSDAY, SEPTEMBER 17, 2020 9:00 AM via MICROSOFT TEAMS
SUMMARY**

- 1) Review and approve agenda (Reclamation)
 - a. Approved
- 2) Review and approve January 30, 2020 PCC Meeting Summary *Handout* (Reclamation)
 - a. Approved
- 3) Review of PCC Action Item List – *Handout* (Reclamation)
 - a. Action Items 69 and 76 have evolved into the SJL Disinfection Strategy, which will be discussed further with Steve Dundorf’s White Paper at Partnership Meeting and upcoming VP Study Summary Focus Call.
 - b. **Reclamation to update focus calls.** Last update was in 2019.
 - c. Project Mod MOU – Reclamation still needs to address comments received. The gist of the comments received was to incorporate O&M cost considerations into the modification review process, which is essentially what is happening with the Value Planning Process that’s underway.
 - d. Tribute garden would be welcomed in the City of Gallup
 - i. Suggested near train station or downtown. May be small water distribution/water bottle filling system.
 - e. Pumping Plant 8 PIN
 - i. Latest draft has been provided to the Project Participants. City of Gallup would like funding finalized. Reclamation suggested that the PIN not be finalized until after the VP Study to allow for other options to be developed.
 - f. PIN 021.1 – Reclamation to issue draft in next few days.
- 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 – SEE SLIDES

- 5) Block 9-11 (Reclamation)
- 6) Reach 22B (Reclamation)
- 7) Reach 21 (Reclamation)
- 8) Block 4C-8 (Reclamation)
- 9) Pumping Plants No. 4 and 7
- 10) Reach 26.1/26.2/26.3 (Navajo Nation)
 - a. 26.1/2 – final construction inspection held on Aug 18, 2020, 98% complete, completing punch list
 - b. 26.3 – final construction inspection held on Sep 8, 2020, compiling punch list
- 11) Cutter Lateral Pre-Commissioning (Reclamation)
 - a. ENWP and 24, 25, and 26 needed to wait for water supply for completion
 - b. Original assumption was that downstream features would be ready to receive water upon completion of the Cutter Lateral Water Treatment Plant; however, completion and testing of ENWP and 24, 25, and 26 was dependent on water from the CLWTP.
 - c. Slow introduction into downstream water systems, month-by-month approach to begin water delivery downstream
 - d. It is anticipated that all downstream water systems won’t be online until March 2021 at the earliest, at which time commissioning will begin.
 - e. **Reclamation to set up call to identify commissioning activities and responsibilities following pre-commissioning**
- 12) Reach 27.9/27.10 (Gallup)

- a. 27.9/27.10 – See Slides
- b. Connection between 12b and 13
 - i. Currently there's a 20' gap between them
 - ii. Plan is that Gallup will make this connection part of a construction contract (via change order). They have all the parts already.
 - iii. Due to potential water quality concerns, the City of Gallup won't make the connection until the line is going into service. They anticipate the connection will take 6 to 8 weeks to complete.
 - iv. **Reclamation to develop schedule for all 12a/b/TPP/R13 activities (physical and paper) that need to be completed to allow Twin Lakes water delivery.**
 - v. City of Gallup would like water able to be delivered by Apr/May 2021
 - vi. **City of Gallup (KurtS) to provide schematic**

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

13) San Juan Lateral

- a. Connection Plans (Navajo Nation)
 - i. Connection Plan Funding / Prioritization update
 - Chapters have been applying for connection funding and some have been successful
 - Some chapters have 2 phases to make their connections
 - Chapters have received \$2.8 million and some Conjunctive Groundwater funding
 - Funding gaps will be made up by additional Conjunctive Groundwater funds

14) Navajo Code Talkers Sublateral (Reaches 12.1/12.2) – Status/Schedule (Reclamation)

- a. Continuing ROW acquisition. Only a couple more private parcels on 12.1 left.
- b. 12.2 has 4 parcels (all private) left to obtain ROW on.
- c. Anticipate awarding in early 2021. Initial NTP will be on 12.1 followed by 12.2

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

- a. Pumping Plants #2 & #3
 - i. Currently working through some cultural resource issues associated with the Pumping Plant #3 location.
 - Initial meeting held Jul 24, 2020 with nearby homeowner who identified to TCPs in the area near PP#3 earlier in 2020
 - Follow-up meeting to take place Sep 18, 2020

16) Block 4A-4B – Status/Schedule (Reclamation)

- a. 60% design end of October, will be sent out for review
- b. Working on Navajo Tribal Trust ROW package to submit near end of year

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

- a. On hold during investigation of the SJGS

18) Reach 27– Status/Schedule (City of Gallup)

- a. 27.10 under construction
- b. 27.11 completing funding, construction in spring 2021
- c. 27.7b start construction spring 2022
- d. 27.12 start construction in 2023
- e. Connections to R14.1/2 are the next big pieces on the Gallup Regional System
- f. Concepts in place for PP#8 and design can begin once funding is made available

19) Reach 14 (Indian Health Service)

- a. Reaches 14.1 and 14.2 – Status/Schedule
 - i. Responses to transient analysis and comments addressed by Oct 16, 2020
 - ii. Book completion by Oct 30, 2020
 - iii. Begin construction in Jan 2021
- b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - i. 30% design complete in May 2021

ii. Construction in Aug 2022

20) Tohlakai Pumping Plant

- a. Draft PIN 046 – Pumping Plant No. 8
 - i. The City stated that they oppose any agreement regarding use of Tohlakai Pumping Plant to deliver Twin Lakes Well water until PP8 has been funded or another option has been made available
- b. City of Gallup SCADA
 - i. Reclamation waiting for final design from City of Gallup in order to draft an encroachment agreement
 - ii. Encroachment agreement to be discussed in the future

WATER TREATMENT

21) Regulatory Issues (Reclamation)

- a. Regulatory Workgroup MOU Status
 - i. NN has not signed MOU
 - ii. Not impacting CL start-up or pre-commissioning
 - iii. Concerns being addressed
- b. Disinfection By-Product (DBP) Analysis Presentation and White Paper
 - i. Steve Dundorf did analysis and presented on these findings.
 - ii. Will be discussed in more detail at the VP Focus Call summary call wrap-up
 - iii. Life cycle costs of chlorine residual could provide some benefits
 - iv. Feedback from Project Participants would be appreciated during the partnership meeting

22) San Juan Lateral Intake Structure (Reclamation)

- a. SJGS/NGWSP Analysis Update
 - i. Received the cost estimate
 - ii. Working on comparison table and decision matrix

23) San Juan Lateral Water Treatment Plant (Reclamation)

- a. Design-Build Contract Pre-Solicitation Status – Temporarily Suspended
- b. WaterCAD Water Age, Start-up Flows, and DBP Bench Test and DBP Mitigation Update

PROJECT WIDE

24) Value Planning Process

- a. Looking at address funding gap and O&M sustainability
- b. Schedule
 - i. 8 focus calls since early-Jun through early-Sep
 - ii. Summary focus call scheduled late-Sep
 - 20-30 minutes summary from each previous call
 - Have designers and SMEs provide insight/details
 - VP beginning Sep 29-Oct 2
 - Part II Oct 13-15
 - Meetings will be held via Teams
 - VP report finalized and sent mid-Nov for proposal incorporation consideration

25) Identification of Design Issues to Consider for Issue-Specific Design Focus Calls (PCC)

- a. Focus Call List and Upcoming Focus Calls to be Scheduled
 - i. Reach 14 SCADA (NTUA/IHS) – City of Gallup suggested that NTUA/IHS work out details of how IHS SCADA will work (R14.1/2), site located at the Gamercos tanks
NTUA (Jim) to set up call

26) Upcoming PINs / Modified PINs (Reclamation)

- a. PIN 027.1 – Cutter Turnout Flows – upcoming – coming out in Oct
- b. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – on hold while MOU/White Paper is being finalized
 - i. Discuss at Partnership meeting
- c. PIN 021.1 – SCADA – Updated SCADA Feasibility Study & PIN distributed for review via email week of September 8th.

- i. On-hold through VP
 - d. PIN 022.4 – Add Startup Flows for SJLWTP – on hold pending VP Study
 - e. PIN 031.1 – Reach Nomenclature changes on upper SJ Lateral reaches/features – on hold pending decision on SJL Intake
 - f. PIN 034 – SJ Lateral Storage
 - g. PIN 044 – Cutter Lateral Water Treatment Plant Maintenance Software – Updated PIN distributed for review via email week of September 8th
 - h. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections – On hold
 - i. PIN 046 – Addition of Pumping Plant #8
- 27) Cultural Resources Compliance – Project-Wide (Reclamation)
 - a. Next PA Workgroup Meeting will be held on Sept. 29th. It will be conducted over Microsoft Teams
 - b. Continuing consultation on overall project mitigation measures. We have initiated formal consultation on a mitigation outline, and will be focusing on the development of individual Tribal requirements under the plan.
 - c. Data recovery of sites within the Code Talker Lateral ROW will begin this fall in preparation for construction in 2021.
 - d. BBN9 survey report has been consulted on and the focus now is to develop mitigation plans for sites within the ROW.
 - e. Archaeological monitoring continues for portions of the project under active construction.
- 28) Environmental Compliance – Project-Wide (Reclamation)
 - a. Focused on reveg for completed reaches
 - b. Wetland mitigation work on 22a underway
 - c. Inspections for reaches under construction
 - d. EA for BBN9 upcoming
 - e. SJGS – Phase II ESA upcoming
 - f. SJGS – looking into supplemental NEPA requirements
- 29) Power Transmission (Reclamation)
 - a. San Juan Lateral Status (NTUA)
 - i. Construction on Cudei to Newcomb 115-kV line to begin in early 2021
 - ii. Power to PP4&7 by end of 2020
 - iii. Power to rectifier on Blk9-11 by end of 2020
 - b. Cutter Lateral (Reaches 22 and 21) Status
 - i. Awaiting BLM ROW for connection but is not impacting operations of the CL
 - ii. Hoping to have complete by end of CY
 - c. Power Supply Agreements – **Reclamation to prepare and provide drafts**
 - i. USBR/WAPA/NTUA
 - ii. USBR/WAPA/City of Gallup
- 30) SCADA (Reclamation)
 - a. Cutter Lateral SCADA complete (microwave radio system)
 - b. San Juan Lateral
 - i. Fiberoptic ring system is being considered
 - ii. Radio component from R14
 - iii. PIN 021.1 to memorialize design concepts for fiber optic on San Juan Lateral and microwave radio on Cutter Lateral will be sent out in next few days for review and comment.
- 31) Budget / Schedule Discussion (Reclamation)
 - a. FY2020 budget was just over \$66 million, nearly 100% obligated this FY
 - b. FY2021 President’s Request: \$43,600,000 (incl. \$5,300,000 of O&M funding)
 - i. Beginning to supplement discretionary funding with mandatory funding
 - ii. \$100 million mandatory has been allocated to NGWSP in FY2020
 - iii. Anticipating similar mandatory amount in FY2021
 - c. Updating WCE – October 2020 price level
 - i. Awaiting indices, will be sent out to City of Gallup and NN

- ii. Will also be including VP suggestions
 - d. NM Cost-Share Update/Status
 - i. All requests have been processed
 - ii. Phase II and Phase III cost-share needs to be completed
 - iii. Additional \$1 million request needs to be submitted
 - e. City of Gallup Credit Request Status
 - i. All requests have been processed
 - R27.7a/27.13 – if the State has met their obligation, the City of Gallup would like to include the rest in their prepayment credit request
 - f. 1st Quarter FY2021 Bills
 - i. Bills will come out around Oct 10 with payment due Nov 10
- 32) Design and Procurement Schedule
 - a. Draft updated schedule will be provided to VP Team. Will hold off on official update until after VP Study to incorporate any proposals.
- 33) Information Sharing / Public Outreach (Reclamation)
 - a. Quarterly Newsletter
 - b. Documentary is still underway
- 34) Action items and assignments (Reclamation)
- 35) Schedule next PCC meeting – January 28, 2021