NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 52
THURSDAY, JULY 22, 2021 9:00 AM
EL MORRO EVENTS CENTER – GALLUP NM and via MICROSOFT TEAMS
AGENDA

1. Review and approve agenda (Reclamation) - approved
2. Review and approve April 29, 2021 PCC Meeting Summary Handout (Reclamation) - approved
3. Review of PCC Action Item List – Handout (Reclamation) - no major updates

CONSTRUCTION UPDATE

4. Reach 22B (Reclamation) - see slides
5. Reach 21 (Reclamation) - see slides
6. Block 4C-8 (Reclamation) - see slides
7. Pumping Plants No. 4 and 7 - see slides
8. Settlement Projects Update (BIA) - see slides
9. Reach 26.1/26.2/26.3 (Navajo Nation) - see slides
10. Reach 27.10 (Gallup) - see slides

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

11. Value Planning Update
   a. Process began in May during COVID
   b. Virtual meetings Winter-Spring
   c. Draft report June 8, 2021 - out for comments
   d. Comments received from NN
   e. Awaiting comments from NMISC and CoG
   f. Complete in August as Final Draft (in accordance with Reclamation policy for VP reports on IWRS)

12. Navajo Code Talkers Sublateral (Reaches 12.1/12.2) – Status/Schedule (Reclamation)
    a. Crossing across 491 has been installed

13. SJL Pumping Plants – Status/Schedule (Reclamation)
    a. Pumping Plants #2 & #3
       i. Cultural Resources issues
       ii. Approaching 90% design
       iii. Will be sending for review
       iv. Hybrid Review C week of Oct 11 (in-person and remote) - 1 wk in length

14. San Juan Lateral Intake (aka Reach 1) – Status/Schedule (Reclamation)
    a. SJGS/NGWSP Analysis Update – PIN 047 SJR Intake – SJGS Alternative
    b. SJR Intake Pumping Plant Rehab and SJGS Reservoir Modifications
15. Block 2-3 – Status/Schedule (Reclamation)
   a. Pumping Plant #1

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

17. Reach 27 – Status/Schedule (City of Gallup)
   a. 27.11
      i. tie into 14.6 and 7a
      . 27.7b
         i. Expecting money Feb/Mar 2022
         ii. Will help with glove factory and other demands
         . Will be applying for well money vs. NGWSP for 2023
   a. 27.12
      i. 3 years out (on a funding cycle)
      ii. CoG needs to work with USBR to update/extend the FAA
         . R13 has been tied into R12B

18. Reach 14 (Indian Health Service)
   a. Reaches 14.1 and 14.2 – Status/Schedule
      i. Received NTP for construction
      ii. Construction to start Nov 2021
      iii. Need Cultural MOA modification - IA portion completed

2. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
   a. Addressing environmental comments received from USBR which required re-routing
   b. Have scheduled surveyors but are scheduled to come end of August
   c. Once NEPA is complete, ROW applications can be completed

19. Tohlakai Pumping Plant
   a. City of Gallup SCADA
      i. Line is being installed
      ii. NTUA/CoG will be exchanging data - details to be worked out
      . Interim Groundwater Delivery from Twin Lakes Well
         i. RECLAMATION TO SET UP MEETING TO DISCUSS DETAILS
         ii. Twin Lakes pressure transducer will be installed next week
         iii. Questions to be answered at meeting:
            i. Twin Lakes Well Water Balance with NTUA, Reclamation, and City of Gallup demands
            ii. Chlorination of Twin Lakes well water
            iii. Complete Fiber Optic Line installation at Tohlakai and Gamerco Tanks - service by mid-August
            iv. Get Tohlakia Data Points on COG SCADA system (Tank Level, Flow Meter, and CL2 Residual) Outlined procedure
for Twin Lakes Well Operation (i.e. Well Start/Stop)

iv. RECLAMATION TO SEND OUT DOODLE POLL FOR NEW INSPECTION TIME

c. Joint Access/Pumping Plant #8
   i. One additional meeting upcoming
   ii. Pumping Plant #8 will likely be the best path forward

CUTTER LATERAL
20. Construction and Commissioning Update (Reclamation/NTUA/Navajo Nation)
   a. NTUA PWS and JAN Water Delivery Transitions
      i. Water has been introduced into NTUA distributions systems roughly every 30 days
      ii. All systems are now being served by the CLWTP
      iii. 8 communities in 7 chapters
      iv. 7-day operations have begun delivering about .3 MGD
      v. Have been monitoring, no issues have been found
      vi. JAN-stud is not active - expecting August
   b. Substantial Completion Declaration for Reaches 22a, 22b, and 21
      i. Required once a project is capable of delivering water
      ii. Oct 2021 is one year since operations began which allowed for testing/refinement for seasonal temperature changes
      iii. Substantial completion will happen in Oct 2021
      iv. OM&RT contract is being negotiated
   c. Area-Wide Optimization Program and Cutter Lateral NMED Sanitary Survey
      i. USBR was contacted by EPAs asking if Reclamation/NTUA/Jacobs would participate in a voluntary program to help improve drinking water quality, beyond requirements by plant optimization

WATER TREATMENT
21. Regulatory Issues (Reclamation)
   a. Disinfection By-Product (DBP) & DOC Mitigation upcoming White Paper
   b. S&T Proposal to Study DBP Formation After Tank Aeration
      i. Pursuing non-NGWSP funds for a study
      ii. If successful, that will start late-fall/winter
   c. SJLWTP: two treatment process options will be studied
      i. Ultra/nano-filtration membranes vs.
      ii. Conventional
      iii. May conduct a pilot study

22. San Juan Lateral Intake Structure (Reclamation)
   a. SJGS/NGWSP Analysis Update – PIN 047 SJR Intake – SJGS Alternative - discussed above

23. San Juan Lateral Water Treatment Plant
   a. Update of PIN 039 – SJLWTP Site Selection
      i. Still being drafted
   b. Appraisal Level Treatment Analysis
      i. SJLWTP two treatment options
   c. Project Delivery Method Evaluation
i. Exploring 3 different options:
   i. Design-Bid-Build (DBB)
      1. Traditional approach to contracts/construction
      . Design-Build (DB)/Progressive DB - used on Cutter WTP
         1. Possibly the quickest but at a cost
      . Construction Manager's General Contractor (CMGC)
         1. Could allow construction sooner than DBB

PROJECT WIDE

24. Upcoming PINs / Modified PINs (Reclamation)
   a. PIN 027.1 – Cutter Turnout Flows – Draft update to be issued for review by September
   b. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – with MOU/White Paper finalized, will reissue by September
   c. PIN 021.1 – SCADA – Updated SCADA Feasibility Study & PIN distributed for review via email on September 18th; deadline extended to December 11th. Final PIN issued via email week of 1/25/21 for PCC signature.
   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 – SJL Lateral Storage – on hold pending SJL Intake decision
   g. PIN 039 - SJLWTP Location - will be updated, currently being drafted
   h. PIN 044 – Cutter Lateral Water Treatment Plant Maintenance Software – Updated PIN distributed for review via email week of September 8th. Final PIN issued via email week of 1/25/21 for PCC signature.
   i. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections – On hold
   j. PIN 047 - SJL Intake - uploaded to SharePoint with attachments, ready for review

25. Cultural Resources Compliance – Project-Wide (Reclamation)
   a. PA Workgroup meeting - late-Sep/early-Oct - will still be virtual
   b. PA Workgroup meetings have included virtual site visits and one is being planned for 10.1/2/3
   c. Mitigation on 10.1/2/3 will begin with ground penetrating radar
   d. CRC for 10.1/2/3 expected in Jan 2022
   e. CRC for 4a/b
      i. Site specific treatment plant needs to be consulted on
   f. Other work includes surveys for alignments, including 27.12, R1-3, 24.1 Lybrook, 14.6a/7a/8a

26. Environmental Compliance – Project-Wide (Reclamation)
   a. Surveys and NEPA need to be completed for re-alignments (similar to cultural requirements)
   b. BBN9 EA draft under review, will be going to BIA soon
c. Upper SJL surveys occurring, EA to be completed in Spring 2021
d. Project-wide Revegetation plan will be re-sent for signature after getting
   lost
e. Revegetation contract for 4c-8 and 9-11 will be awarded for work in Fall 2022

27. Power Transmission (Reclamation)
   a. San Juan Lateral Status (NTUA)
      i. Power to Pumping Plants #4 and #7
         i. NTUA working on supplying power
      ii. PP4 - August
      iii. Power to Block 9-11 Rectifiers
   b. Power Supply Agreements
      i. USBR in discussion with NTUA
      ii. CoG agreement under review and appreciate WAPA power
          for wells
      iii. Question: does drought affect CRSP rates?
   c. CRSP Power for Groundwater Wells
   d. Cutter Lateral Renewable Energy Feasibility Study to Target Non-Project
      Fund Grants
      i. USBR is getting IA awarded soon for study
      ii. Will be looking into FEMA grants (application due in
          January)

28. SCADA (Reclamation)
   a. Continuing to incorporate SCADA in contracts

29. Budget (Reclamation)
   a. FY2021 Funding Gap:
      i. Cost Estimate: $1,705.2 million
      ii. Appropriations Ceiling: $1,348.2 million
      iii. Other Funding: $26.9 million
      iv. Funding gap: $330.0 million
   b. FY2021 Budget: $43,600,000 (incl. $5,300,000 of O&M funding)
   c. FY2022 President’s Request: $56,342,000 (incl. $5,301,000 of O&M
      funding)
   d. NM Cost-Share Update/Status
      i. Three credit requests to have completed
      ii. Two on Cutter and one for 27.9
   e. City of Gallup Credit Request Status
   f. 4th Quarter FY2021 Bills

30. Design and Procurement Schedule - executive summary will be available online

31. Information Sharing / Public Outreach (Reclamation)
   a. Quarterly Newsletter
   b. NN will be in touch for chapter outreach
      i. 491 Chapter outreach meetings to begin again
      ii. BBN9 will be included in SJL meetings and focus on
          BBN9 chapters
   c. Cutter lateral meetings may begin as well
   d. Blessing ceremony at the CLWTP - tentatively Oct
32. Action items and assignments (Reclamation)

33. Schedule next PCC meeting – October 28, 2021