

**NAVAJO-GALLUP WATER SUPPLY PROJECT**  
**PROJECT CONSTRUCTION COMMITTEE MEETING NO. 48**  
**THURSDAY, JANUARY 30, 2020 9:00 AM El Moro Events Center – Gallup NM**  
**Conference line number: (866) 784-6450, Passcode: 9982265#**

**SUMMARY**

- 1) Review and approve agenda (Reclamation)  
Approved
- 2) Review and approve September 26, 2019 PCC Meeting Summary Handout (Reclamation)  
Approved
- 3) Review of PCC Action Item List – Handout (Reclamation)  
USBR to post updated focus call listing to SharePoint  
A rock garden with rocks from all the chapters that have been served  
Gallup has spaces, veteran pillars, fountain by train station could show the water that comes from NGWSP...this area is more accessible to public  
Could have a mural painted and Gallup is open to having art  
Maybe both at Tohlakai and in Gallup
- 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**

- 5) Block 9-11 (Reclamation)
- 6) Reach 22B (Reclamation)
- 7) Reach 21 (Reclamation)
- 8) Block 4C-8 (Reclamation)  
**USBR to provide tax tabulation to the Navajo Nation for 2019**
- 9) Reach 24.1 JAN; Reach 26.1/26.2/26.3 (Navajo Nation)
- 10) Cutter Lateral Commissioning (Reclamation)
- 11) Reach 27.9 (Gallup)

**SAN JUAN LATERAL- ISSUES / DESIGN UPDATE**

- 12) San Juan Lateral
  - a. Connection Plans (Navajo Nation)
    - i. Connection Plan Funding / Prioritization update
    - ii. PER's status updates  
All 100% complete, NNDWR has received final reports  
NNDWR is beginning to apply for funding from the State and Tribe  
Table has been provided to Council Delegates  
Once connections are identified, start-up flow calculations will be able to be completed  
Many chapters are applying, NNWMB providing assistance  
Will know 6-8 months from now which chapters will get funded for capital outlay
    - iii. Proposal to Redirect Shiprock Connection Funds to other Connections.
      1. 6/13/2019 Letter from Navajo Nation
      2. Draft PIN 045  
This PIN is on hold until NTUA and NNDWR have an opportunity to discuss future
- 13) Navajo Code Talkers Sublateral (Reaches 12.1/12.2) – Status/Schedule (Reclamation)
- 14) SJL Pumping Plants – Status/Schedule (Reclamation)
  - a. Pumping Plants #4 & #7

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- b. Pumping Plants #2 & #3
- 15) Block 4A-4B – Status/Schedule (Reclamation)
- 16) Block 2-3 – Status/Schedule (Reclamation)
- 17) Reach 27– Status/Schedule (City of Gallup)  
Asking for NTP on R27.10 – NTP went to Region yesterday  
R27.10 Planning on ad late-Feb, begin construction June/July  
R27.10 will connect to 14.6A and provide water to chapters south of Gallup (Bread Springs, Baahaalii, and Chichiltah)  
R27.11 in Water Trust Board Funding application status  
Jan next year ready for build  
R27.7B – ROW in place, 60% June, 90% by end of year  
WTF funding in September application  
R27.12 – 30% submitted
- 18) Reach 14 (Indian Health Service)
- a. Reaches 14.1 and 14.2 – Status/Schedule  
Submitted 100% design in early-January...awaiting review comments from USBR  
Would like to start construction in April, but May would be ok  
USBR to set up focus call for pre-construction activities  
11 drilling plans that will need water permit applications  
  
Reach 14.1 will provide water for Churchrock which receives water from Pinedale and Mariano lake. Once complete, the water demand from Pinedale and Mariano lake will be reduced.
  - b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule  
Need to send cost estimate to remove environmental compliance  
Still getting permission to survey for allotted lands
- 19) Tohlakai Pumping Plant  
As a result of regulatory and operational issues, a concept has been proposed that entails a new pump station (Pumping Plant No. 8) being constructed downstream of Tohlakai to convey water to the Gallup Regional System (and downstream Navajo communities). Tohlakai would only house pumps for Codetalker Lateral.  
Will require a modification to the FAA. Will document modification in a PIN. (USBR Action Item – develop draft PIN).  
CITY OF GALLUP needs to make connection from R13 to R12b
- 20) San Juan Lateral Intake Structure (Reclamation)
- a. SJGS/NGWSP Analysis Update  
Once baseline scenario is completed and we have updated numbers from the City of Farmington, need to work with TSC on creative ways to manage reservoir for co-use with City of Farmington through at least 2035. Scenarios will need to be developed, including potentially a method to pump directly from the river to the WTP at peak use.  
Need additional discussion with PNM on State process for the transfer of facilities to Reclamation
  - b. Status of Due Diligence Analysis of Utilizing SJGS Facilities  
Inspection report(s) to be posted on SharePoint
  - c. Schedule  
TSC working on design assumptions and USBR will provide those to Project Participants to review  
Design and cost estimates will be complete end of July

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Decision by November 2020

**WATER TREATMENT PLANT**

- 21) Regulatory Issues (Reclamation)
  - a. Next Regulatory Meeting – tentatively in February 2020
  - b. Status of White Paper
  
- 22) 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  
Received most data from the Navajo Nation but have made some assumptions and will replace those with actual data  
Reclamation is continuing WaterCAD work and holding calls with the WaterCAD team as needed. The next upcoming focus is using the WaterCAD model to update power demand projections for both the San Juan Lateral, as well the power Gallup needs for the Gallup Regional System and Reach 14.  
Reclamation will be issuing a report for suggestions and recommendations for mitigating disinfection by-products on both the transmission system and distribution system. FCCO will release this report for review and comment to Project Participants in February.
  - c. Blending Study  
**USBR Action Item - set up focus call during the next couple weeks**

**PROJECT WIDE**

- 23) 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)  
R14 only talks with itself, potentially could run through City of Gallup systems to get data back to Ft. Defiance
  
- 24) Upcoming PINs / Modified PINs (Reclamation)
  - a. PIN 027.1 – Cutter Turnout Flows – upcoming
  - b. PIN 038.1 – In-Tank Chlorination Systems, Water Quality Sampling, Pre-use Monitoring, and Tank Penetrations – on hold while White Paper is being finalized
  - c. PIN 021.1 – SCADA – upcoming
  - d. PIN 022.4 – Add Startup Flows for SJLWTP
  - 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
  - h. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections
  
- 25) Cultural Resources Compliance – Project-Wide (Reclamation) – GET NOTES
  - a. Programmatic Agreement update
    - i. Reclamation continues to consult on project effects with the Programmatic Agreement consulting parties. Next quarterly meeting scheduled for March 4th & 5th in Gallup.
    - ii. Upcoming compliance consultations include: 24.1 Lybrook, Crownpoint Lateral, Reach 4A-4B
    - iii. Cultural monitoring is ongoing for portions of the project under construction.
    - iv. Provided preliminary cultural review for the SJGS alternative analysis
    - v. Discussions of overall project mitigation proposals continue, with the objective of having a set plan approved by the consulting parties by the end of the calendar year.
  
- 26) Environmental Compliance – Project-Wide (Reclamation)
  - a. Project-Wide Revegetation Plan

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- i. Project Wide Revegetation Plan approved by Navajo Nation and Reclamation. BLM conducting a final review of plan before signature. BIA to approve after BLM.
- ii. Reclamation and its contractors continue to monitor and stabilize portions of the project under construction and areas awaiting re-vegetation.
- iii. Reclamation, BIA, and Navajo Nation are proposing to hold a revegetation workshop in early March. The purpose is to develop reach specific revegetation plans (seed mixes, soil amendments, vegetation targets, etc.) for portions of the project on tribal land.
- iv. Will utilize data from SWCC vegetation surveys to develop the plans.
- v. Completed reach specific vegetation plans will be implemented by Reclamation using a vegetation contractor (not pipeline construction contractor).
- vi. Reclamation is preparing vegetation budgets and starting the process to bring on a revegetation contractor.
- vii. Provided preliminary environmental review for the SJGS alternative analysis.
- viii. Discussions with USFWS on PNM intake structure. Will require a fish screen as described in the 2009 Biological Opinion.
- ix. Completed a Phase I Environmental Site Assessment (ESA) to identify potential ReCity of Gallupnized Environmental Concerns (RECs) associated with hazardous materials/contamination.
  - x. Based on the Phase I ESA results Reclamation intends to conduct a Phase II ESA to test for presence of hazardous materials/contamination.
  - xi. Preparing submission of Environmental Assessment of Reach 24.1 Lybrook.
  - xii. Continue to provide environmental compliance oversight during active construction
- xiii. Reclamation is working with USACE, BLM, and NNEPA to remedy wetland compliance issues on Reach 22A and Block 9-11.

27) Power Transmission (Reclamation)

- a. San Juan Lateral Status  
115kv – design and construction ongoing...looking to complete by 2021 for all segments of powerline  
Construction agreement (NTUA/WAPA) – close to final draft, will be sent to Project Participants  
Power supply agreement (USBR/WAPA/NTUA) – not much has been done
- b. Cutter Lateral (Reaches 22 and 21) Status  
Power to all features but Reg. tank 3 but close to being complete  
Is the power supply at risk with the closing power plants?

28) SCADA (Reclamation)

Reclamation to roll-out updated SCADA Feasibility Study and PIN 021.1 in March  
**USBR Action Item - set up focus call in March following SCADA feasibility study**

29) Budget / Schedule Discussion (Reclamation)

- a. FY2020 Budget: \$66,132,000 (incl. \$3,050,000 of O&M funding)
- b. Updating WCE
- c. NM Cost-Share Update/Status
- d. City of Gallup Credit Request Status
- e. 2nd Quarter FY2020 Bills

30) Design and Procurement Schedule (Reclamation)

Updated schedule provided to Project Participants

31) Information Sharing / Public Outreach (Reclamation)

NNDWR requested a NGWSP (likely Cutter Lateral) tour for a group from CRWUA in March and will provide potential dates to FCCO.

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- a. Quarterly Newsletter
  - b. SharePoint
  - c. Navajo Technical University  
Providing non-NGWSP funds to University to develop a documentary on NGWSP. Will hopefully be awarded soon
- 32) Action items and assignments (Reclamation)
- 33) Schedule next PCC meeting – April 30, 2020