

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 47
THURSDAY, SEPTEMBER 26, 2019 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#
FINAL SUMMARY

- 1) Review and approve agenda (Reclamation) - *approved*
- 2) Review and approve May 30, 2019 PCC Meeting Summary *Handout* (Reclamation) – *edits made*
- 3) Review of PCC Action Item List – *Handout* (Reclamation)
 - a. *Reclamation to identify deferred construction items in the next WCE*
 - b. *Tribute Garden*
 - i. *PCC: suggest location ideas*
 - ii. *Look near Project 4 or Tohlokaki PP for possible locations.*
 - iii. *Near WTP?, close to the alignment but accessible*
- 4) Other Related Navajo-San Juan NM Settlement Issues (BIA/Navajo Nation) – *see slides*
 - a. *Rudy Keedah is coming back to BIA and will be the NGWSP Point of Contact*
 - b. *Michelle Begay with BIA’s last day is Sep 27, 2019*
 - c. *Conjunctive Groundwater Use Plan*
 - d. *San Juan River Navajo Irrigation Projects*
 - i. *Could use funds to address issues identified in Hogback Condition Assessment.*
Need to coordinate with NNDWR.
 - e. *USBR: Pat to work with Chris Benet regarding expenditure plan requirements*

CONSTRUCTION UPDATE

- 5) Block 9-11 (Reclamation)
- 6) Reach 22B (Reclamation)
 - a. *NTUA: NAPI turnout – NTUA/DWR to look at what it would take to put in a watering station here to make it available for use next year.*
- 7) Reach 21 (Reclamation)
- 8) Block 4C-8 (Reclamation)
 - a. For next meeting, need to subtract \$ for turnouts from WCE breakout cost.
- 9) Reach 24.1 JAN; Reach 26.1/26.2/26.3 (Navajo Nation) – *see slides*
- 10) Cutter Lateral Commissioning
 - a. *Water Treatment Plant coming on line next summer (June 2019). Had discussion w/ all parties involved w/ Cutter Lateral on 9/18/2019 (involves 22A, 22B, CLWTP, Eastern Navajo Pipeline, 24.1, 25, and 26. Next call on 10/30/2019. Want to make sure we don’t lose site on what it’s going to take to deliver water next year.*
 - i. *Regulatory permitting*
 - ii. *O&M transfer of R22a and 22b from Reclamation to NTUA in May 2020; title and O&M transfer from NN to NTUA on ENMWP and R24-26 in May 2020*
 - iii. *Flushing and disinfection*
 - iv. *Groundwater blending*
 - b. *USBR: Add “Cutter Lateral Connections Update” to future agenda.*
- 11) Reach 27.9 (Gallup) – *see slides*

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 12) San Juan Lateral
 - a. Connection Plans (Navajo Nation)
 - i. Connection Plan Funding / Prioritization update
 - *Working on getting R3.1 funding reallocation completed*
 - *USBR: will have a response in December - Reclamation must make sure that management is ok with changing where funding is being spent prior to agreeing*

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- Finalizing work order for Sheep Springs connection - hopefully beginning by the end of the year
 - Working on expenditure plan for Water Resources Trust fund - draft by Nov or Dec (working with Pat Page)
 - Expenditure plan will show full \$50 million
 - Another opportunity are State funds - all chapters along SJL and BBN9 are teaming up to put together a regional water funding plan on SJL, BBN9 as another project, and Cutter Lateral as another project
 - Next year they'll apply as a Regional project for TIF funds.
 - Another funding opportunity: Sifhasin Funds - is there money available and can it be redirected
 - ii. BOR—when will NNDWR have connection plan priority/schedule. NNDWR – depends on outcome of potential funding sources
 - a. Info is needed to help w/ startup design and project revenue.
 - iii. PER's status updates
 - SMA finalizing final PERs - *NTUA, NN, and USBR: provide feedback to SMA*
 - Finalized by next PCC meeting
 - USBR reviewing final 2 PERs. Goal is to have all PERs wrapped up by Dec 2019
 - iv. Proposal to Redirect Shiprock Connection Funds to other Connections.
 - 9/26/2019 Letter from Navajo Nation
 - Draft PIN 045 – *USBR: by Jan 2020 PCC mtg*
- 13) Navajo Code Talkers Sublateral (Reaches 12.1/12.2) – Status/Schedule (Reclamation)
- a. Design Update
 - i. SpecB (100% Design) is on the shelf. Will need to be updated based on ROW negotiations with private property owners.
 - ii. Solicitation: Planned for June 2020 to allow time to complete ROW acquisition on Reach 12.1
 - iii. Contract Award: September 2020
 - iv. 2 NTPs will be issued:
 - v. 1) Reach 12.1
 - vi. 2) Reach 12.2 and Black Hat Tank
 - vii. Construction could begin as early as October 2020 (subject to Contractor schedule)
 - b. ROW Update
 - i. Reach 12.1 – All ROW packages submitted and in various stages of review or appraisal/negotiation. Plan to have ROW in place prior to contract award.
 - Tribal Trust – ROW granted 3/30/17
 - Tribal Fee – ROW granted 3/9/17
 - Allotted – All allotted ROW granted, #1539 ROW granted 9/29/17.
 - Private – 2 parcels acquired; agreement in place on 3rd, still negotiating on 4 others.
 - ii. Reach 12.2 – ROW packages complete, along with waiver valuations. Initial offers have been made on the 5 parcels.
 - Tribal Trust – ROW grant received
 - Tribal Fee – ROW grant received 7/20/18.
 - Allotted – 3 parcels granted by BIA in 2017 and 2018
 - Private – Final plats are completed and waiver land valuations are being wrapped up for formal offers. Reclamation will need to apply for NMDOT Utility Permits at 5 locations of the Reach 12.2 pipeline in the Highway 264 ROW, due to various issues, including constructability and cultural resources issues.
 - State – ROW Grant was received on 2/11/19.

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- 14) SJL Pumping Plants – Status/Schedule (Reclamation)
 - a. Pumping Plants #4 & #7
 - i. Design & Procurement Update
 - Spec B (100%) plans and specs completed in September 2018 but are currently being updated to incorporate changes necessitated by Block 4c-8 final design and the two, potentially three turnouts in the plant yards for those projects.
 - Designers are currently working on the Turnout Building Design. Will need a focus call to discuss how Reclamation intends to PCC Comments.
 - Solicitation is scheduled for April 2020 with award in August 2020.
 - ii. ROW Update
 - All ROW is across Navajo Tribal Trust land.
 - ROW granted by BIA 1/16/2018 for PP #7, which is also acting as a staging area for the Block 9-11 construction. Reclamation will be submitting an amendment to the ROW grant by end of October to cover some minor changes between the original plat and final plant design.
 - The plat for PP #4 will be developed and submitted to NNLD by late October.
 - b. Pumping Plants #2 & #3
 - i. Design & Procurement Update
 - 30% design milestone (ConceptC) was completed in early May.
 - VE Study held the week of June 24th in Farmington. VE Team did a great job on proposals; majority were Accepted by Reclamation during Focus Call on September 18th. Design moving forward towards 60% Design milestone on December 9th.
 - Solicitation is scheduled for February 2021.
 - ii. ROW Update
 - All ROW is across Navajo Tribal Trust land.
 - The plats for both pumping plants will be drafted later this year and submitted to the NNLD in January 2020
- 15) Block 2-3 – Status/Schedule (Reclamation)
 - a. Design & Procurement Update
 - i. Design was temporarily suspended earlier this summer nearing the 90% Design milestone, due to results from SJGS Fatal Flaw Analysis.
 - ii. HDD Consultant providing recommendations on plans and specs for both the SJR and Chaco Wash Crossing, that is also on hold.
 - b. ROW Update
 - i. All ROW is across Navajo Tribal Trust land
- 16) Block 4A-4B – Status/Schedule (Reclamation)
 - a. Design & Procurement Update
 - i. FCCO sent out the 30% Design drawings for comment on 8/13/19. Comments requested by end of today.
 - ii. VE Study is scheduled in Farmington at San Juan College beginning Tuesday, 10/1 at 1 pm with ConceptC Briefing. VE Closeout Briefing scheduled for 10/4 at 3 pm.
 - iii. Solicitation is planned for December 2020.
 - b. ROW Update
 - i. All ROW is across Navajo Tribal Trust land
 - ii. FCCO will draft plats this summer after the VE Study with plans to submit to NNLD by early December.
- 17) Reach 27 (City of Gallup) – Status/Schedule

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- a. City of Gallup puts facilities in service when construction is complete.
 - b. 27.10 – WTB funding in place. Final design coming next week. Award in March 2020.
 - c. 27.11 – will connect to 14.6, 7, and 8.
 - i. BOR received 90% on 27.11 last week
 - ii. Advertise in Jan 2021; award in March 2020
 - d. 27.7b – NN asked COG to move it up on schedule; shouldn't be problem. Still waiting for BIA to approve some ROW
 - e. 27.12 – see schedule
- 18) Reach 14 (Indian Health Service)
- a. Reaches 14.1 and 14.2 – Status/Schedule
 - i. Working on design; pending on electrical SCADA for pumping plants. Book completion delayed to 11/22/2019. Construction in early 2020.
 - ii. 401 Certification coming soon. Reclamation paid for certification completion week of 9/16/2019.
 - b. Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - i. Seeking PTS on Indian Allotted and Private
 - ii. Have MOA on Trust lands for PTS
 - iii. Once they have PTS, BOR can begin enviro clearance.

WATER TREATMENT

- 19) Regulatory Issues (Reclamation)
- a. Next Regulatory Meeting
 - i. Oct 10th Regulatory group getting together to discuss white paper.
 - ii. Looking at Dec 2019 timeframe for next full Regulatory Meeting.
 - b. Status of White Paper
- 20) San Juan Lateral Intake Structure
- a. SJGS/NGWSP Analysis Update
 - i. Letters of Concurrence
 - Sent on 8/14/2019
 - Received responses from COG and NMISC
 - *NN: will respond to letter next week*
 - *JAN: need response letter*
 - ii. Status of Due Diligence Analysis of Utilizing SJGS Facilities – see slides
 - iii. Schedule – see slides
 - iv. Pilot Study for Plate Settler
 - Plate Settler pilot started in early June during peak spring runoff.
 - Pilot to run through the end of monsoon season September 2019.
 - Very few storm events to test plate settler viability, so jury is still out
 - If viable, Plate Settler design will be incorporated into SJL Intake specs prior to bid solicitation if Hogback Intake is selected.
 - v. SJL Intake VE Study held week of June 24th. VE Report sent out on August 5th. Will be put on shelf pending results of SJGS Inv.
- 21) San Juan Lateral Water Treatment Plant and Intake Structure (Reclamation)
- a. Design-Build Contract Pre-Solicitation Status – Temporarily Suspended
 - b. Schedule Update: 2-Phase Selection Process
 - i. Reclamation currently conduct analysis comparing risks/opportunities of progressive design-build, construction manager as contractor, and traditional design-build. Plan to finalize procurement strategy decision later this fall.
 - c. WaterCAD Water Age, Start-up Flows, and DBP Bench Test Update
 - i. Reclamation hosted a WaterCAD team meeting in Denver on 2/7/19 to discuss incorporating the NTUA and CoG distribution systems and an initial look at Water Age based on Reclamation's BOD Flow Report.

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- ii. Reclamation is finalizing the Flow BOD report needed to move forward with the Residence Time Evaluation. Waiting on NN/NTUA/SMA response to schedule for SJL Connection Plans to finalize start-up flow projections
- iii. Reclamation has completed DBP Bench Testing of 4 samples collected from monsoon runoff, spring runoff, and low turbidity low river flow. The draft report has been completed with recommendations for mitigating DBPs at the WTP and in the downstream distribution systems. The report was finished on September 23rd and will be uploaded to the new SharePoint site in October. Will be basis for DBP and Disinfection Strategy recommendations.

PROJECT WIDE

- 22) 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. SJL Turnout Design – initial focus call held; follow-up to be scheduled
 - ii. Reach 14 SCADA (NTUA/IHS)
 - *NTUA: Jim to set up focus call on R14 SCADA*
- 23) PINs / Modified PINs
 - a. PIN 043 – Cutter Lateral Water Treatment Process (Handout)
 - b. PIN 044 – Cutter Lateral Water Treatment Plant Maintenance Software (Handout)
- 24) Upcoming PINs / Modified PINs
 - 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 – ongoing
 - d. PIN 022.4 – Add Startup Flows for SJLWTP
 - e. PIN 031.1 – Reach Nomenclature changes on upper SJ Lateral reaches/features
 - f. PIN 034 – SJ Lateral Storage
 - g. PIN 045 – Reallocation of Funds from Shiprock Connection to other Priority Connections
- 25) Cultural Resources Compliance – Project-Wide (Reclamation)
 - a. Programmatic Agreement update
 - b. PA Workgroup Meeting scheduled for November 6th & 7th in Santa Fe, to be hosted by the NM SHPO. Focus of the meeting will be on regular project updates and moving forward overall project mitigation proposals.
 - i. Overall mitigation discussion has focused on marrying traditional cultural/ecological knowledge with western archaeological/scientific paradigms. Pushing to develop concrete proposals following this theme that we can implement on the project.
 - c. Reclamation continues to receive information from TCP studies. Some have now been completed or are near completion. Information is being used for project design and for consideration when developing mitigation proposals.
 - d. Block 4c-8 mitigation work is ongoing. Phase I work is complete and the report was distributed to the PA Workgroup on August 28th. Expect to start Phase II mitigation work on three sites starting the week of Oct. 6th. We are on-schedule to complete all required mitigation prior to construction in Jan. 2020. SRI will be providing the archaeological monitoring and discovery mitigation during construction.
 - e. Reclamation and NNHHPD are entering a FAA to fund a new 5-year position within NNHHPD. This position will serve as a cultural resource liaison between NNHHPD and Reclamation for Navajo Gallup. Work will include oversight of archaeological & TCP monitoring on Navajo land, survey & mitigation report review, ethnographic information review & outreach, and participation in re-vegetation plan development. Intend to fund this position by the end of the calendar year.
 - f. NNDWR & SMA expect to deliver the Crownpoint Lateral and 24.1 Lybrook cultural resource inventory reports to Reclamation by the end of the year. Surveys were

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completed by SRI this summer and they are now drafting the final reports. Once Reclamation receives the reports, we will send them out for consultation with the PA Workgroup.

- g. Archaeological testing on private lands associated with the Code Talkers is lateral still on hold pending permission from the land owners. We expect to gain access and complete the work by Spring 2020.
- h. Cultural survey task order for Reaches 14.6a, 14.7a, & 14.8a has been awarded. Contractor is applying for permits and mobilizing for work this fall. IHS will provide land access to the survey contractor.
- i. We are participating in the PNM/SJGS Alternative review to build in cultural compliance requirements

26) Environmental Compliance – Project-Wide (Reclamation)

- a. Project-Wide Revegetation Plan
 - i. NGWSP Revegetation Plan is being routed for final signatures. The Navajo Nation President has signed off on the plan with Reclamation, BLM, and BIA to follow.
- b. Reclamation, BIA, and Navajo Nation will convene a re-vegetation meeting in Oct./Nov. to develop the Block 9-11 specific re-vegetation plan. This plan will be incorporated into the revegetation contract Reclamation is preparing for solicitation.
- c. SWCC Ancestral Lands crew is finishing vegetation survey work on Block 4c-8. Information is being collected in support of NGWSP Revegetation Plan.
- d. Continue to provide compliance oversight for portions of the project under construction.
- e. NNDWR & SMA expect to deliver the Crownpoint Lateral and 24.1 Lybrook biological inventory and NEPA reports to Reclamation by the end of the year.
- f. Environmental survey and NEPA task order for Reaches 14.6a, 14.7a, & 14.8a has been awarded. Contractor is mobilizing for work this fall. IHS will provide land access to the survey contractor.

27) Power Transmission (Reclamation)

- a. San Juan Lateral Status
 - i. NTUA closing out Cudeui substation work
 - ii. NTUA waiting on ROW from BIA
 - iii. NTUA preparing for construction
 - iv. “ completing Geotech work
 - v. Schedule for completion late 2020; energized 2022.
 - vi. Power supply meeting between NTUA, WAPA, and BOR scheduled for 9/27/2019.
- b. Cutter Lateral (Reaches 22 and 21) Status
 - i. Power to everything except Reg Tank 3

28) SCADA (Reclamation)

- a. Highlights from recent IT security meetings
 - i. The 2nd SCADA Summit meeting was held on April 4th at FCCO. Topics included the Planning Report recommendations, as well as Reclamation IT Security requirements. Follow-up IT Security Meetings were held with all Project Participants on July 9th with Follow-up Individual Discussion on July 24th and 25th.
 - ii. Highlights included:
 - Reclamation provided comments to Gallup on their SCADA RFP for connection to TPP on July 25th. CoG responded with updated RFP for review on Sept. 18th
 - Agreement on network architecture and firewalls for security data
 - Federal Information Security Management Act (FISMA) IT security requirements will be utilized on all NGWSP SCADA, including data

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- transfers from outside sources. Gallup already meeting FISMA requirements on their network.
 - Reclamation will work with both NTUA and CoG to develop data point exchange list for each system that will be transferred to the SJLWTP.
 - Further discussion needed on Reach 14 data transfer, whether its via microwave or fiber optic.
- b. VE on San Juan Lateral SCADA
- i. Highlights reviewed from PowerPoint Presentation. 6 VE Proposals. Currently, VE Team is preparing VE Report to submit to Reclamation and Project Participants for review. Once received, Reclamation will make recommendations for which proposals to accept and will then schedule a focus call with Project Participants to review those acceptance and rejection recommendations.
- 29) Budget / Schedule Discussion (Reclamation)
- a. FY2019 Budget: \$69,603,000 (incl. \$2,200,000 of non-construction (O&M) funding)
 - b. FY2020 President’s Budget Request: \$66,132,000 (incl. \$3,050,000 of O&M funding)
 - c. Updating WCE
 - i. Due to recent and impending updates to the WCE (namely, award of 4C-8 and upcoming revised cost estimate for San Juan Lateral Water Treatment Plant, the WCE will be updated to the Oct 2019 price level. We anticipate having this completed after the first of the year, at which time we will brief Project Participants.
 - ii. USBR: Schedule briefings will participants following the WCE update
 - d. NM Cost-Share Update/Status
 - i. Reclamation currently reviewing State’s response to first review of Reach 13. Should have review completed by week of 9/30/2019.
 - e. City of Gallup Credit Request Status
 - i. Reclamation approved City’s credit request for Reach 27.5 of \$1,748,652 on 9/25/2019. This will be reflected on next bill.
 - f. 1st Quarter FY2020 Bills
 - i. Will be sent out by Oct 10, 2019.
- 30) Design and Procurement Schedule
- 31) Information Sharing / Public Outreach – Reclamation
- a. Window Rock Fair
 - b. 491 Chapters Group – met 8/13/2019. Next meeting – 11/12/2019 Twin Lakes Chapter
 - c. Cutter / BBN9 Group – met 9/18/2019. Next meeting – 12/18/2019 Whitehorse Lake Chapter
 - d. Stockholm International Water Institute
 - i. Pat Page and Jason John joined others from DOI to give a presentation on NGWSP at the Stockholm International Water Institute’s World Water Week. The trip was sponsored and funded by Reclamation’s International Affairs Program. More than 4,000 participants representing 138 countries attended.
 - e. Sen. Heinrich’s staff has asked USBR to give a presentation to some of the local leaders; meeting scheduled for Oct 18.
- 32) Action items and assignments – Reclamation
- 33) Schedule next PCC meeting – January 30, 2020