

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#
MEETING SUMMARY**

- 1) Review and approve agenda
- 2) Review and approve April 26, 2017 PCC Meeting Summary *Handout*
- 3) Review of PCC Action Item List – *Handout*
- 4) Review Agreements Status
 - Project Modification MOU Review –(Reclamation)
 - John Leeper mentioned he would have comments by next PCC Meeting.
 - Agreements necessary for conveyance of non-Project water
- 5) Other Related Navajo-San Juan NM Settlement Issues
 - Conjunctive Groundwater Use Plan (BIA/Navajo Nation)
 - San Juan River Navajo Irrigation Projects

CONSTRUCTION UPDATE
(See Slideshows)

- 6) Tohlakai Pumping Plant (Reclamation)
- 7) Reach 22A (Reclamation)
- 8) Reach 12B (Reclamation)
- 9) Reach 22B (Reclamation)
- 10) Reach 21 (Reclamation)
- 11) Reaches 13 and 27.5 (Gallup)
- 12) Reach 27.6 (Gallup)
- 13) Reaches 24.1/25 (Navajo Nation)

SAN JUAN LATERAL- ISSUES / DESIGN UPDATE

- 14) San Juan Lateral
 - Connection Plans – PERs updates (Navajo Nation)
 - Depauli Rep asked if SMA is taking into account treatment at the connections.
 - Reach 10.1, 10.2, and 10.3 (Navajo Nation)
 - (John Leeper) Draft preferred alternative submitted to Reclamation week of 7/24 and a follow-up focus call is needed for discussion.
 - PIN 033 - Design Criteria - Pipeline Regulation Standards for the Reclamation Designed Portion of the Project – Handout
 - PIN - 033 Design Criteria was signed. The PIN was revised from the November 2014 draft version and sent to Project Participants for final comment on April 25, 2017. The revisions were necessary to memorialize BIA's acceptance of Reclamation's road crossing proposals agreed to in October 2016 and design decisions made on Block 9-11 and Reaches 12.1 & 12.2, which will be included on future SJL reaches as follows:

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#

MEETING SUMMARY

- Include Fiberglass Pressure Pipe as an option and amend PIN 006 to add it formally to the other acceptable pipe types (steel, DIP, PVC, and HDPE);
 - Provide additional detail for protecting the pipeline at wash crossings, based on a scour study to minimize bury depths and take advantage of shallow bedrock where possible, along w/diverting side-channel runoff from the pipeline alignment;
 - Incorporate the new valve spacing concept being incorporated into the design for Reaches 12.1/12.2 and Block 9-11, which is based on maximum 6-hour drain or fill times and having the repair completed in 24 hours;
 - Specify maximum of 2,400 feet between buried manhole spacing requirements necessary for construction inspection and future observations;
 - Document how pipeline disinfection will be accomplished with a separate pipeline commissioning contract prior to surface water deliveries;
 - Update protection for pipelines at natural gas line crossings (eliminate PE encasement; only natural gas resistant gaskets are required).
- PIN 014.2 – Modification to Reach 14 – Handout
 - Signed. Modified PIN redirects remaining available funding from Reach 14 to Reach 12.3.

15) Block 9-11 – Status/Schedule

Design & Procurement Update

- Solicitation: 6/29/17
- Pre-bid meeting held on 7/13/17
- Bid Date: 8/11/17 (3 amendments issued to date)
- Contract Award (LPTA): 9/15/17
- 3 NTPs will be issued: 1) Offsite – 10/10/18; 2) Reaches 10 & 11 – 1/29/18; 3) Reaches 9A and 9B – 6/25/18 (subject to Contractor schedule and cultural resources clearance).
- ROW Update
- All ROW is across Navajo Tribal Trust land
- 2 packages
 - 1st ROW submittal to Navajo Nation on 12/26/16 (Reaches 9B – 11) – Approved by NN RDC on 6/7/17; awaiting NN consent letter and NEPA Sufficiency report to submit to BIA in August.
 - 2nd ROW submittal to Navajo Nation on 5/16/17 (Reach 9A)

(Not on Agenda) Pumping Plants #4 & #7

Design & Procurement Update

- 60% Design milestone distributed to Project Participants on 6/1/17 via SharePoint.
- 60% Briefing provided by Reclamation on 6/8/17, which highlighted all of the VE proposals incorporated into the design.
- Initial deadline for comments was 7/7/17, which was extended to 7/14/17.
- Comments were received from both NTUA and COG, which Reclamation is incorporating in the 90% design
- 90% Design (SpecD) planned for 1/22/18 and ReviewC meeting planned for week of 3/19/18
- ROW Update
- All ROW is across Navajo Tribal Trust land.
- Submitted ROW package for PP #7 and Block 9-11 Staging Yard on 6/9/17.

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#
MEETING SUMMARY

(Not on Agenda) Block 4c-8 - Design & Procurement Update

- Reclamation completed the Design Data package on 6/15/17
- 30% Design (Concept C) milestone planned for 9/11/17
- VE Study scheduled for week of 10/30/17 in Gallup.
- Site to be selected (DePauli is checking the availability of El Morro)

ROW Update

- All ROW is across Navajo Tribal Trust land
Plats will be developed this fall.

16) Reaches 12.1/12.2 – Status/Schedule - Design Update

- SpecB (100% Design) planned for 9/8/17; may be impacted by BLM land alignment.
- Solicitation: 12/18/17
- Contract Award: 3/19/18
- 2 NTPs will be issued: 1)Reach 12.1 & 2)Reach 12.2 and Black Hat Tank
- Construction could begin in late-April 2018 (subject to Contractor schedule)

ROW Update

- o Reach 12.1 – All ROW packages submitted and in various stages of review or appraisal/negotiation. Plan to have ROW in place by time of contract award.
 - Tribal Trust – ROW granted 3/30/17
 - Tribal Fee – ROW granted 3/9/17
 - Allotted – All allotted ROW granted, except for 1 (#1539)
 - Private – 1 parcel acquired; negotiating on 2 others (need letter from Dave Shultz regarding ability to supply drinking water to James Davis and Precept properties); and appraisals will be conducted this summer on the remaining 4.
- o Reach 12.2 – Nearing completion of ROW packages for submittal in next month or two.
 - Tribal Trust – Plats being finalized; submit to NN next week
 - Tribal Fee – Plats being finalized; submit to NN next week
 - Allotted – 2 parcels granted by BIA on 6/12/17
 - Private – Plan on submitting plats for appraisal in January
 - BLM – Looking at options for crossing BLM land
 - State – Plan to submit to State Lands Office in September
- o Reach 12.3 – IHS is developing an update to their feasibility plan (status from IHS?) A focus call to discuss the updated feasibility plan is planned for 8/9/17.
 - Reach 12.3 (IHS / Navajo Nation)

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

- Reach 27.7A & 27.13 – Open Bids 8-15-17
- Reach 27.9 – 60% to 90% - 4-30-18
- Reach 27.10 – Need Archaeological Clearances
- Reach 27.11 - Need Archaeological Clearances
- Reach 27.12 - Need Archaeological Clearances
- Reach 27.7B – Right of Way package to Navajo Nation & BIA, September 2017

18) Reach 14 (Indian Health Service)

- Reaches 14.1 and 14.2 – Status/Schedule
- Reaches 14.6a, 14.7a, 14.8a – Status/Schedule
 - Recently purchased transient analysis software and looks to have analysis results by End of August.
 - Booster pumps will be equipped with check valves.
 - Engineers are out working on the alignment, weather is affecting progress.

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#
MEETING SUMMARY**

CUTTER LATERAL

- 19) Reaches 26.1/26.2 and 26.3 Status/Schedule (Navajo Nation)
- ROW being reviewed by BIA.
 - Currently involved in Internal Conversations within Navajo Nation about bid documents.

WATER TREATMENT

- 20) Regulatory Issues
- Surface Water Training held 6/15/2017
- 21) San Juan Lateral Water Treatment Plant and Intake Structure
- Design Data Status Update
 - Facility Condition Assessment
 - Hogback Facility Condition Assessment
 - Draft Study sent to Project Participants on May 11th and comments were originally due on June 16th, which was extended to July 14th.
 - Reclamation held a focus call on July 24th to provide an overview discussion and ferret out any remaining comments.
 - Reclamation is summarizing the meeting minutes and will send it out to Project Participants in the next few days, which includes action items for finalizing the Assessment.
 - FCCO has prepared a Plan of Operations, which includes a summary of the current operations for the Hogback Diversion that is being maintained by Marlin Saggboy and the Shiprock Irrigation District, along with a plan for how the Diversion will need to be maintained for the San Juan Lateral Intake. It will be provided to Project Participants in early-August.
 - We are in the process of conducting design data investigations per PIN 037 on sites #2 and #3.
 - Cultural Resources surveys were completed this spring. Draft report was submitted to Reclamation in late-April. There are no significant cultural resources sites on either WTP site.
 - The Biological Evaluation (BE) was conducted this spring; the Contractor (EMI) is working on the draft report.
 - A preliminary geological investigation was conducted in June and July. The preliminary report will be completed by the end of August.
 - The final design work for the Intake Structure will start in September.
 - The hydraulic analysis for each WTP has been completed and is under review by FCCO.
 - Reclamation conducted a public meeting with the San Juan River Chapters (San Juan, Nenahnezad, Shiprock, Hogback, and Fruitland) at the San Juan Chapter house on June 7th to present the WTP site options and the intake options that led to the Hogback being the preferred alternative. Reclamation requested feedback at the meeting from the attendees and didn't receive any substantive comments on one site over another. We are collecting the comments and including them in an FAQ document.

**NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#**

MEETING SUMMARY

- Reclamation is also conducting a Phase I environmental site assessment (ESA) in August and will have results back by mid-September on the Intake, pipeline alignment, and both WTP sites.
 - All of this design data will be incorporated in a matrix with a recommendation for site selection, which will be submitted to the Project Participants in a draft PIN in late September. Reclamation will conduct a presentation on the PIN at the October PCC meeting. We are looking to get the PCC's approval on the final site selection at that time.
- 404(b)(1) Status
 - Monthly conference calls/face-to-face meetings being held with Reclamation's contractor (EMI) and USACE and USFWS
 - Reclamation provided a site tour to USACE, USFWS, NNEPA, and Project Participants on May 4th of the intake and WTP site locations.
 - Plan to have Biological Assessment completed in August.
 - Water Quality Monitoring/Analysis Update
 - Update on Hach Meter. The probe was vandalized around April 12th. The meter was recovered and has been serviced; both the high-range and low-range probes were lost, along with the data they collected during the winter. Reclamation is working with USGS to procure a high-range probe that will be located at the Fruitland Bridge at the new stream gaging and sampling station. The Hach meter will be provided to USGS to collect data from the new high-range probe, which should be in place in early September. USGS already has in place a low-range probe and are collecting monsoon event sampling at the Fruitland Bridge. The combined probes will act as the turbidity trigger for an early warning system for the Hogback Diversion and San Juan Lateral Intake in the future.
 - Weekly grab sample monitoring continues at Hogback Diversion headworks.
 - We are continuing to investigate the relationship between turbidity and heavy metals, especially during flash-type monsoon events using separate Research S & T funds and the new sampling gage at the Fruitland Bridge.

PROJECT WIDE

- 22) Identification of Design Issues to Consider for Issue-Specific Design Focus Calls (PCC)
 - List of Focus Calls
- 23) Cultural Resources Compliance – Project-Wide
 - Programmatic Agreement update
 - SJL sampling strategy was accepted and will start work on August 1 for Reaches 9-11.
 - Tribal Construction Monitoring program will begin at the end of 2017 with monitoring to happen on non-Navajo land as well.
 - No official responses from Tribes wishing to monitor during construction.
- 24) Environmental Compliance – Project-Wide
 - Project-Wide Revegetation Plan
 - Prevegetation Surveys will begin August 2017, followed by reach specific plans.
 - Working with Julie Willetto @ the Dept of NN Agriculture.
 - BLM will monitor progress every 3-5 years.

NAVAJO-GALLUP WATER SUPPLY PROJECT
PROJECT CONSTRUCTION COMMITTEE MEETING NO. 40
THURSDAY, JULY 27, 2017 9:00 AM El Moro Events Center – Gallup NM
Conference line number: (866) 784-6450, Passcode: 9982265#
MEETING SUMMARY

- BIA Rudy Keedah mentioned that a group with NN is needed to actively help with the revegetation plan.
- 25) Power Transmission (Reclamation)
- San Juan Lateral Status
 - NTUA currently going through NEPA requirements.
 - Cutter Lateral (Reaches 22 and 21) Status
 - WAPA working with Jemez on agreements, ROW, Design, and permitting.
- 26) Budget / Schedule Discussion
- FY2017 Budget = \$87 Million
 - FY2018 President's Request = \$67,797,000 (inc. \$118,000 of non-construction (O&M) funding)
 - Updating WCE to Oct 2016 Price Levels
 - NM Cost-Share Update/Status
 - FY2017 4th Quarter Billing – July 10th
 - **Need Letter from Jicarilla on Cost Allocation Methodology Revision**
 - Design and Procurement Schedule - *Handout*
- 27) Information Sharing / Public Outreach
- San Juan Lateral Group – Kick Off Meeting to be held August 8, 2017 at the Sanostee Chapter.
 - NW COG hosted a NGWSP Presentation on 7/26/17.
 - Traveling media group (40 journalists) currently passing through the area. Jason John, Daryl Vigil, and Pat Page took part in this presentation.
- 28) Action items and assignments
- 29) Schedule next PCC meeting –**October 19, 2017 @ 9:00 AM, El Moro Events Center – Gallup NM**