

RECLAMATION

Managing Water in the West

Aamodt Litigation Settlement Implementation Environmental Impact Statement Support Services Solicitation R12PS40020

March 6, 2012



U.S. Department of the Interior
Bureau of Reclamation

Meeting Objectives

- **Share Information about the:**
 - **Aamodt Litigation Settlement Act and the Proposed Pojoaque Basin Regional Water System (RWS)**
 - **Scope and Preliminary Schedule for the EIS**
- **Answer Questions about the EIS Support Services Requirement, Solicitation, and Statement of Work**
- **Provide Itinerary for the Optional Site Visit, March 7**

Questions from Audience

Please submit your questions in writing.

You may use the index cards provided.

This will ensure that we can provide the questions and answers to all potential proposers to maintain an even playing field for all.

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Aamodt Litigation Settlement Act

On December 8, 2010, the Claims Resolution Act (Act) of 2010 (P.L. 111-291) was signed into law

The Act resolved several long-standing Indian Water Rights cases, including Aamodt



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Aamodt Litigation Settlement Act

Title VI of the Act authorizes the Aamodt Litigation Settlement. It includes:

(1) Construction of the Regional Water System (RWS)

- Federal share is \$106.4 million (October 2006 dollars)
- Non-Federal share is \$70.9 million (October 2006 dollars)
 - State of New Mexico to provide \$49.5 million
 - County of Santa Fe to provide \$21.4 million
- Funding will be indexed



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Aamodt Litigation Settlement Act

Title VI also includes:

(2) Establishment of the Aamodt Settlement Pueblos' Fund totaling \$62.5 million, managed by BIA and Office of the Special Trustee:

- **\$5M to acquire 302 acre-feet of Nambé reserved water rights**
- **\$15M to improve and/or develop water –related infrastructure for the Pueblos**
- **\$5M for O&M of RWS during construction**
- **\$37.5M to cover Pueblos' share of long-term O&M costs**

(3) Acquisition of water rights by the Secretary of the Interior on behalf of the Pueblos of San Ildefonso, Pojoaque, Nambé, and Tesuque

Aamodt Litigation Settlement Act

- The Act establishes several deadlines, including completion of all “conditions precedent” by September 15, 2017 and completion of the RWS by June 30, 2024.
- **Conditions Precedent include:**
 - Water rights have been acquired and a State Engineer’s permit issued to change the point of diversion and place of use of these water rights
 - Settlement Agreement and Cost Sharing and System Integration Agreement are signed by all parties

Aamodt Litigation Settlement Act



- **Conditions Precedent (continued):**
 - All Federal funding has been provided for the Settlement, except \$50M of appropriated funds for the RWS
 - **Record of Decision has been signed for the RWS**
 - State of NM has provided funding for the Impairment Fund, Connection Fund , and their share of the cost of the RWS

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Aamodt Litigation Settlement Act

- **Conditions Precedent (continued):**
 - **Partial Final and Final Decrees have been approved by the District Court that set forth the priority dates and quantifies water rights for all parties**
 - **Pueblos have agreed to waive and release all claims related to water rights against the U.S. and non-pueblo parties in the basin, except to the extent that such water rights are recognized in the Settlement Agreement or the Act.**



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Acquired Water



- Reclamation must enter into new contract(s) with the Pueblos for 1,079 acre-feet of San Juan-Chama Project (SJCP) water
- Reclamation must amend a SJCP repayment contract with Pojoaque Valley Irrigation District (PVID) and an O&M contract with PVID and the Pueblos of Nambe, Pojoaque, and San Ildefonso to reflect new allocations of the water stored in Nambé Reservoir

Acquired Water (cont)

- BIA must acquire 1,141 acre-feet of “Top of the World” water rights
- BIA must acquire 302 acre-feet of Nambé reserved water rights
- County must acquire 750 acre-feet for future non-Pueblo water utility customers



RECLAMATION

Regional Water System



- The Act authorizes **Reclamation** to plan, design, construct and obtain environmental compliance for the RWS.
- The RWS is to be built in “substantial compliance” with the September 2008 Engineering Report (Report), prepared by HKM.
- Indian Self-Determination Act (P.L. 93-638) does not apply

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EIS Team



Reclamation – Lead
Federal Agency

Anticipated Cooperators:

- BIA, USFWS, USACE
- State of New Mexico:
OSE, ISC

Customers/Partners:

- Pueblo de San Ildefonso
- Pueblo of Pojoaque
- Pueblo of Nambé
- Pueblo of Tesuque
- County of Santa Fe

RECLAMATION

Reclamation's Project Team

- **Art Valverde: Member, Federal Settlement Implementation Team**
- **Kathy Dickinson: Project Manager**
- **Kent Munro: Contract Specialist (SLC Reg Office)**
- **Hector Garcia: Env. Compliance Group Supervisor**
 - **Marsha Carra: NEPA and COR**
 - **Mark Hungerford: NHPA Compliance**
 - **Ann Demint: ESA Compliance**
 - **Lori Walton: CWA Compliance**

Reclamation's Project Team (cont)

- **Rick Hall: Lead Engineer for the RWS**
 - **Lam Ho: Civil Engineer**
- **Jeff Baysinger: Design Team Lead (Denver TSC)**
- **Bob Talbot: Geologist (Denver TSC)**
- **Terina Perez: Major Projects Division, Resources Group Supervisor**
 - **Diana Clifton: Realty Specialist**
 - **Tim Murphy: Planner**
- **Carolyn Donnelly: Water Operations Group Supervisor**
 - **Warren Sharp: Hydrologist**

Aamodt Technical Teams

Members from Reclamation, Cooperating Agencies,
and our Customer/Partner Organizations:

- Realty
- Hydrology
- Engineering/Designs
- ASR Wells
- Communications



Bishop's Lodge Area, photo from
GoogleEarth Pro.

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Draft Purpose and Need for the RWS

The purpose is to provide safe and reliable potable water to the residents of the Pojoaque Basin.

The need is to reduce reliance on groundwater and to allow the Pueblos to obtain the water rights provided under Title VI of the Claims Resolution Act of 2010.

The scope of the EIS may expand to include other Pueblo water-related infrastructure activities.

Regional Water System

- The RWS will be capable of delivering up to 4,000 acre-feet (af) per year of consumptive use water to the four Pueblos (2,500 af) and non-pueblo residents of the Pojoaque Basin (1,500 af)
- Upon completion, title to their respective portions of the RWS will be transferred to the four pueblos, the County Water Utility, and the Regional Water Authority



- The Regional Water Authority will operate and maintain the RWS on behalf of all basin residents

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Regional Water System

Includes:

- Side-channel surface water diversion intake at San Ildefonso Pueblo, north of Otowi Bridge
- Water Treatment Plant
- Approx. 160 miles of pipelines
- 9 pumping stations
- 10 water storage tanks

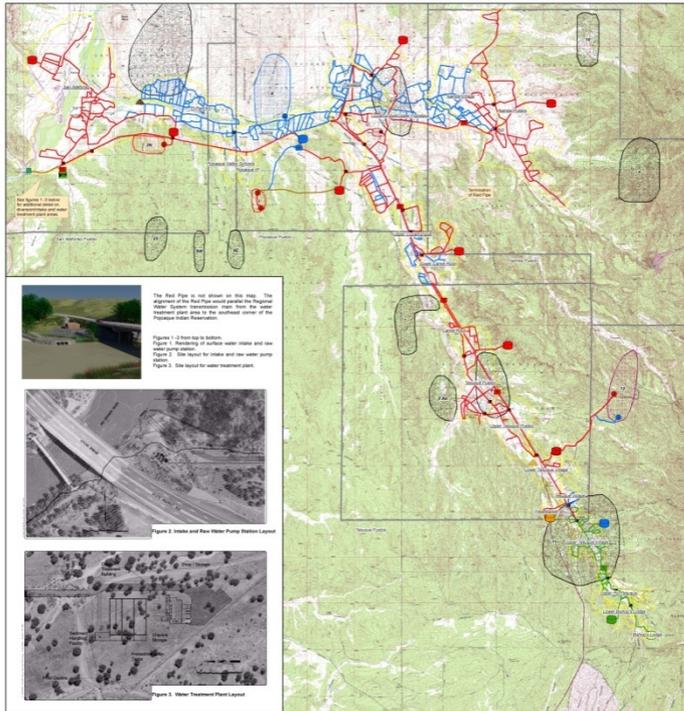
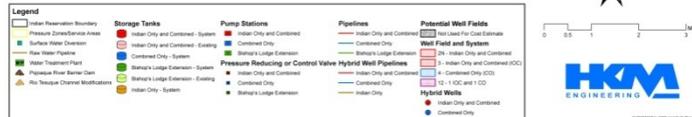


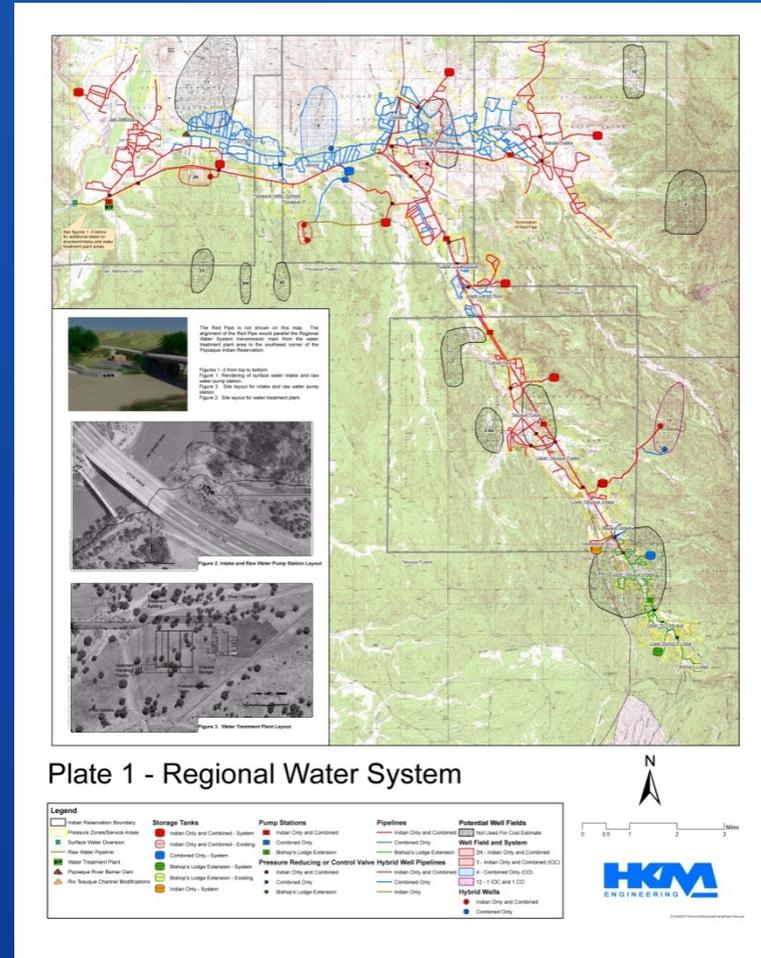
Plate 1 - Regional Water System



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Regional Water System

- RWS also includes:
 - 3 conjunctive-use aquifer storage and recovery (ASR) wells
 - Bishop's Lodge Extension
 - Barrier dam and infiltration project on the Rio Pojoaque
 - Rio Tesuque channel modifications



Regional Water System

Side-Channel Surface Diversion

Photos taken
by Diana
Clifton, March
1, 2012,
except where
noted



Otowi gage, downstream of Hwy 502. Photo from GoogleEarth Pro.



San Ildefonso Pueblo: Looking upstream from Otowi Bridge, diversion location is at outlet of arroyo. Approx 700 cfs flow in Rio Grande.



San Ildefonso Pueblo: Bosque clearing in area near proposed diversion location

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Regional Water System

Water Treatment Facility Location



San Ildefonso Pueblo: Note gas line running along Hwy 502



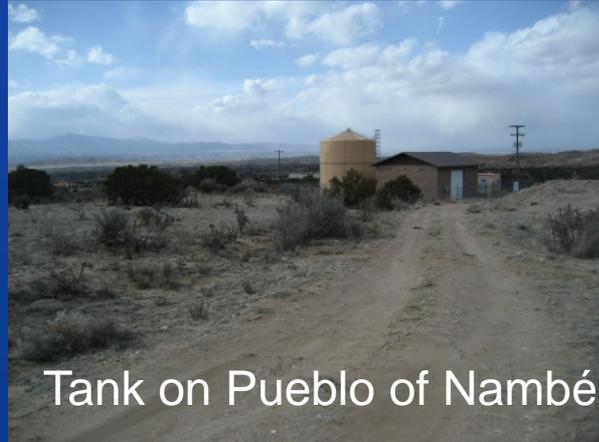
San Ildefonso Pueblo: Road leading to proposed water treatment facility location, south of Hwy 502

Regional Water System

Many proposed water storage tank locations are near existing water storage tanks



200,000 gallon tanks
above Pojoaque Village



Tank on Pueblo of Nambé



Tank above Tesuque
Trailer Village, proposed
site is north of this location



Tank above White
Sands subdivision,
Pueblo of Pojoaque

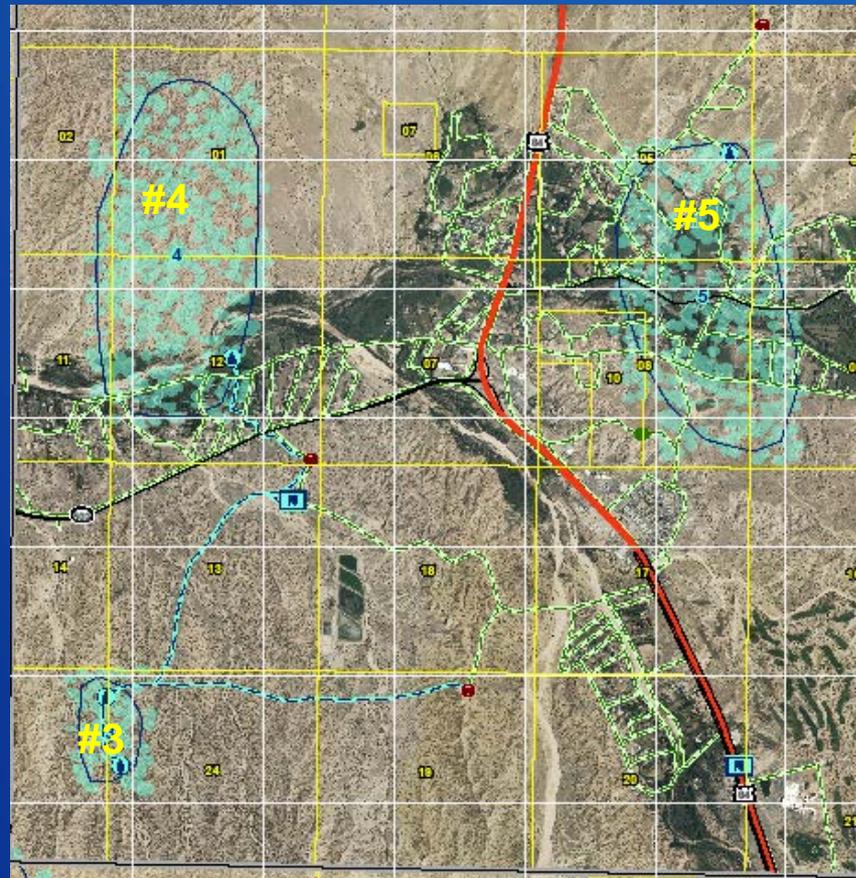


Regional Water System

Proposed Aquifer Storage and Recharge Well Locations



Looking west towards ridge line on east side of well field # 4. This well field is west of the Pojoaque Bison Pasture and north of Jacona.



Well Field #5 is south of the White Sands subdivision

Regional Water System

Proposed Aquifer Storage and Recharge Well Locations



View to north from tank site at Pojoaque Industrial Park. Well field #3 is south of here, in an undeveloped section of the park.



View to east



View to south



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Regional Water System

Areas with Historical Properties and Little to No Shoulder Exist



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Regional Water System

- Environmental Impact Statement will be prepared
- Record of Decision must be signed before September 15, 2017
- Construction must be completed by June 30, 2024



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EIS Support Services SOW

The Scope of Work (SOW) for the EIS Support Services Contract Includes:

Task 1: Project Management, Study Plan

Task 2: Public Involvement Plan, Coordination Meetings, Govt-to-Govt Consultations and Public Scoping

Task 3: Purpose and Need Chapter

Task 4: RWS Alternatives Development

Task 5: Preparation of the Draft EIS, Public Meetings, and Comment Report

EIS Support Services SOW

Task 6—Affected Environment and Environmental Consequences Chapter

Phase I: Literature Search

Phase II: Conduct Field Surveys, as needed

Task 6(a) – Water Resources Technical Report

- Surface Water
- Ground Water
- Water Quality
- Geomorphology

EIS Support Services SOW

Task 6—Affected Environment and Environmental Consequences Chapter (continued)

Task 6(b) - Socioeconomics

Task 6(c) – Environmental Justice

Task 6(d) - Biological Resources

Task 6(e) - Wetlands

Task 6(f) - Cultural Resources

Task 6(g) - Indian Trusts Assets

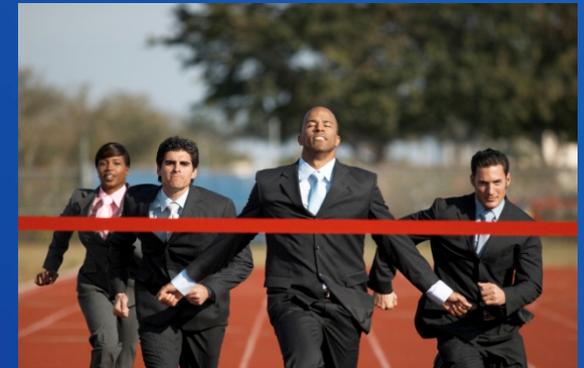
Task 6(h) Air Quality and Traffic Management

EIS Support Services SOW

Task 7 – Biological Assessment

Task 8 – Final EIS and ROD

Task 9 – Administrative Record



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EIS Support Services Solicitation

Can be found on GSA eBuy website:

https://www.ebuy.gsa.gov/advantage/ebuy/buyer/rfq_summary.do?&rfqId=RFQ647898

We welcome your feedback to help us improve the solicitation.

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EIS Support Services Schedule

- **Award Contract for Environmental Compliance Support Contractor – July 2012**
- **Kickoff Meeting with Interdisciplinary, Multi-Agency Project Team – within 30 days of contract award**
- **Hold Public Scoping Meetings within 90 days of the kickoff meeting**
- **Complete Literature Searches for Affected Environment – within 180 days of contract award**

RWS Preliminary Schedule

- **Conduct Engineering Design Data Collection:
Jan 2012 – Nov 2013**
- **Begin Government-to-Government Consultations:
Spring 2012**
- **Conduct Public Scoping: Fall 2012**
- **Conduct Feasibility Study for ASR Wells: 2014**
- **Develop Feasibility-Level Designs and Cost
Estimates: 2014 - 2015**
- **Complete EIS and Sign ROD: January 2017**
- **Begin Construction of Regional Water System:
Late 2018**



QUESTIONS?

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