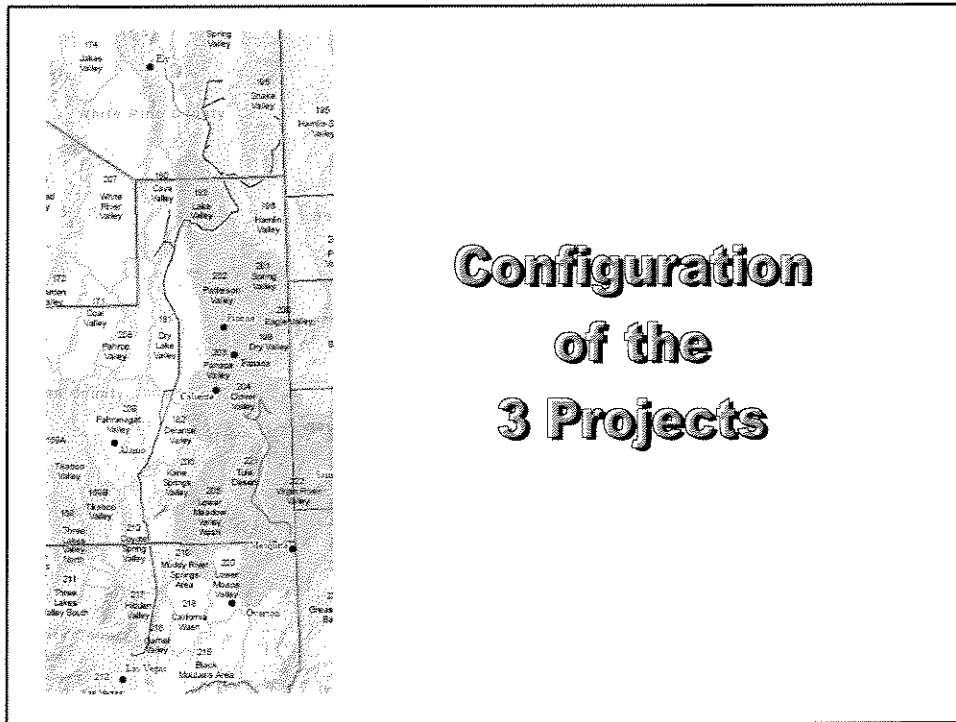




Overview of Goundwater Conveyance
Rights-of-Way on BLM-managed Lands in
Clark, Lincoln and White Pine Counties

Three Projects

- SNWA project – appln 2004
 - 328 mile pipeline, 349 miles powerline
 - N-S from Lincoln and White Pine Counties to Las Vegas Valley
- LCLA – appln 2005 (LCWD)
 - Tule Desert and Clover Mountains to N of Mesquite (45 mile pipeline)
- Kane Springs – appln 2005 (LCWD)
 - Kane Springs Valley to Coyote Springs Valley (13 mile pipeline)



Lincoln County Projects

- LCLA (Tule-Clover) Utility R/W
 - 45 miles pipeline with associated wells, pump stations, powerlines – also telephone, natural gas and powerline utility delivery
 - Draft EIS in internal review process
 - Scoping occurred in 2006 – Approx 225 comments were received

Lincoln County Projects (Cont)

- Kane Springs Valley
 - Final EIS completed – 30-day review ends March 10
 - 13 miles pipeline with associated telephone/telemetry lines, powerlines, wells and pump stations

SNWA Application

- Received in 2004
 - Modified by SNWA in 2006 & 2007
- Water Facilities
 - 328 miles buried water pipeline (30"-84" diam)
 - Associated facilities, pumping stations
 - 14 wells in Spring Valley
 - 40 million gallon buried storage reservoir
 - 150 ml gal/day water treatment facility
- Power Facilities:
 - 349 miles 230-kV, 69 kV & 25 kV powerlines
 - 8 electrical substations
 - 4 hydro-turbine energy recovery facilities

Lincoln County Conservation Recreation & Development Act

- Passed November 2004
- Created pipeline corridor in Lincoln County
- Established BARCASS
 - Provide data collection in Nevada and Utah
 - Final report expected December 2007
- Required Nevada-Utah State Engineer agreement prior to removal of water from joint NV-UT basins

Specifics of the SNWA Project

Clark, Lincoln, and White Pine
Counties Groundwater Development
Project Right-of-Way

What's Been Done So Far

- Scoping conducted in 2005 and 2006
 - 7,500 comments received
 - Half of comments were form letters
- Tribal consultation
 - 7 tribal governments
 - 1 tribal organization
 - 30 tribes have interests in the project area
- Coordination with 15 Cooperating Agencies

Cooperating Agencies

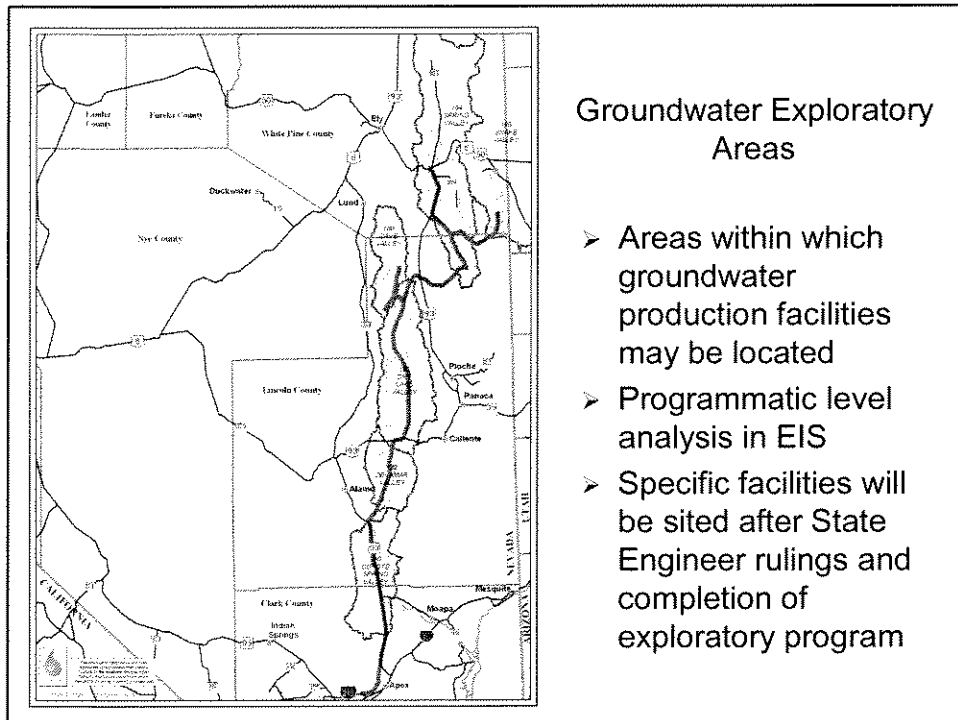
- Federal agencies – FWS, BOR, BIA, NPS, FS, Nellis Air Force Base
- State of Utah
- State of Nevada Department of Wildlife
- Central Nevada Regional Water Authority
- Utah Counties – Millard, Juab, Tooele
- Nevada Counties – Lincoln, Clark, White Pine

What's Next

- April 2008
 - SNWA deliver final conceptual model and flow system model products
- July 2008
 - BLM finalize preliminary Draft EIS for review of cooperating agencies
- November 2008
 - BLM issues Draft EIS for public review

Remove Water from Six Hydrologic Basins

- Coyote Spring Valley
- Delamar Valley
- Dry Lake Valley
- Cave Valley
- Spring Valley
- Snake Valley (basin also underlies Utah)



Anticipated Future Facilities Requiring Subsequent NEPA Analysis

- Between 110 and 200 groundwater production wells
- Approximately 265 miles of collector pipeline
- 3 additional pumping stations (Delamar, Dry Lake, and Coyote Spring Valleys)
- Approximately 265 miles 25 kV power lines
- 3 additional secondary electrical substations (Delamar, Dry Lake, and Coyote Spring Valleys)
- Lincoln County production and conveyance facilities

SNWA Water Rights and Applications

Hydrographic Basin	SNWA Applications		SNWA Rights	SNWA Acquisitions
	Cubic feet per second (cfs)	Acre feet per year (afy)		
Snake Valley	70	50,679		
Spring Valley	~	~	60,000	6,000 – 8,000
Cave Valley	16	11,584		
Dry Lake Valley	16	11,584		
Delamar Valley	16	11,584		
Coyote Spring Valley	19	13,781		
TOTAL	137	99,212	60,000	6,000 – 8,000

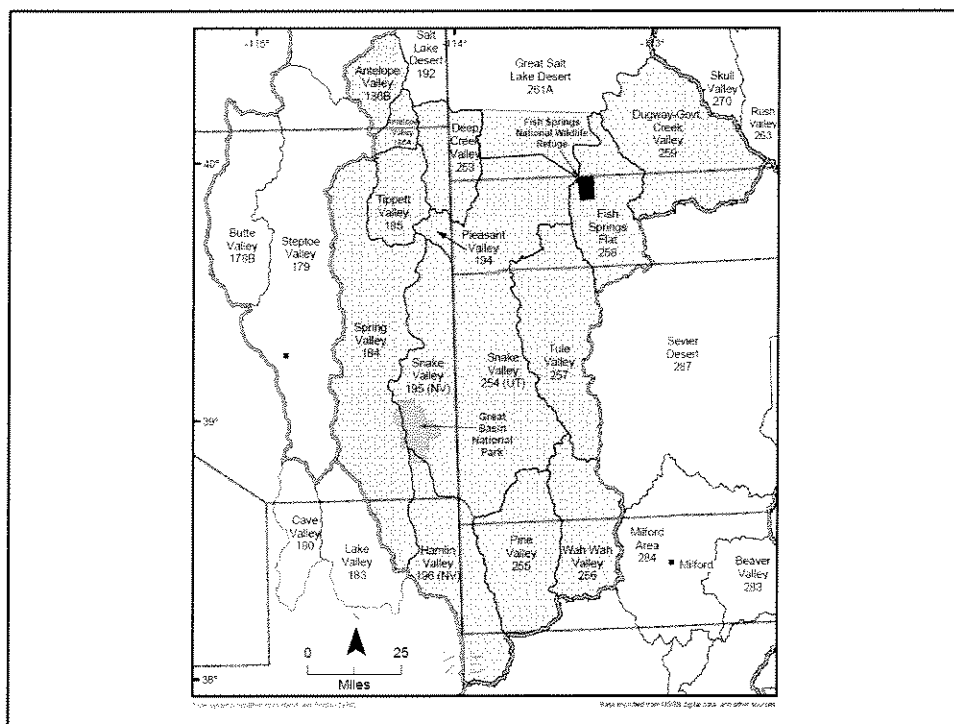
Water Rights

- State Engineers for Utah and Nevada administer water rights within their states
- BLM's task
 - Analyze impacts of right-of-way (this includes the analysis of indirect effects of potential drawdown on surface resources)
 - Present alternatives
 - Make a decision on right-of-way
 - Final decision in late 2009.

Stipulated Agreement

DOI Agencies protested water rights in Spring Valley

- BLM, FWS, BIA, NPS
- Entered into stipulated agreement with SNWA 9/06
- Currently developing a mitigation, monitoring and management plan
- USGS advises DOI agencies on development of mitigation plan
- Plan will provide framework for mitigation developed for EIS/ROW



Water Rights Protests

- DOI Agencies protested water rights in Delamar, Dry Lake and Cave Valleys
- Stipulated agreement signed in January 2008
- State Engineer hearing held February 2008

Role of BLM

Right-of-way

- BLM prepares NEPA Analysis for ROW EIS
- Protestant to most of SNWA water rights filings
- Signator to stipulated agreement on water rights in Spring Valley

Role of USGS

Water Studies

- Finalize BARCAS Study
 - Provide information on groundwater flow in Spring and Snake Valleys
- Assist BLM in validating SNWA analysis
 - Groundwater and flow systems
 - Hydrologic analyses

For More Information

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