



## NON-NM UNIT PROJECTS: STATUS UPDATE

January 19, 2018

NM Interstate Stream Commission

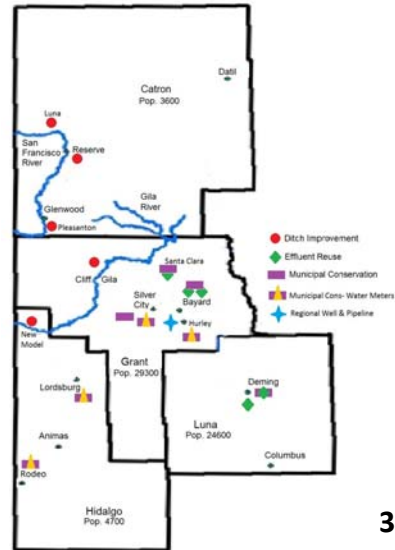


### Background: Non-NM Unit Projects

- Section 212i of AWSA authorizes the ISC to fund with the first pot money, projects in SWNM:
  - ▣ that meet water supply demands
  - ▣ in consultation with SWNM Water Study Group or its successor; the NM CAP Entity is the successor.
- No deadline in the Act
- Other names: non-diversion projects, other water utilization alternatives

## Commission's Decision

- In 2014 and 2015, the ISC allocated \$9.1M to non-NM Unit projects from the available AWSA money
- Total of 16 projects in the four-county region



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## ISC Awards

	Project	Award (\$)	
1	Gila Basin Irrigation Commission Diversion Structure	1,250,000	
2	Luna Ditch Diversion Structure	100,000	
3	Pleasanton East-Side Ditch Improvement	200,000	
4	New Model Canal Improvement	200,000	
5	Catron County Ditches Diversion Structure	500,000	
6	Hurley Regional Water Project	2,100,000	
7	Deming Effluent Reuse	1,750,000	
8	Municipal Water Conservation Fund (\$3M)	Deming Effluent Reuse	596,000
9		Lordsburg Meter Replacement	242,950
10		Rodeo Meter Replacement	14,000
11		Santa Clara Effluent Reuse	100,000
12		Silver City Park Irrigation Upgrade	18,157
13		Silver City Meter Replacement	500,000
14		Bayard Effluent Reuse	1,171,048
15		Bayard/Cobre Schools Effluent Reuse	176,295
16		Hurley Meter Replacement	181,550
<b>Total</b>		<b>9,100,000</b>	

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## Notes

- Part of the awards can be used for design and engineering, as necessary. The balance will be available for construction.
- ISC will only enter into a construction contract once the grantee secures all additional funding necessary to complete a fully functional project, or a fully functional phase of a project, by the deadline set forth by the Commission.

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### No. 1

### GBIC Diversion Structure Project

<b>Grantee</b>	<b>Gila Basin Irrigation Commission</b>
<b>Project</b>	Build permanent irrigation diversion structures in lieu of existing earthen diversion points
<b>Estimated project cost</b>	\$2,000,000
<b>ISC award amount</b>	\$1,250,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Appraisal-level engineering complete; 2 <sup>nd</sup> phase of analysis to start
<b>Amount spent to date (AWSA)</b>	\$138,799



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## No. 2 *Luna Ditch Diversion Structure Project*

<b>Grantee</b>	<b>1892 Luna Irrigation Ditch Association</b>
<b>Project</b>	Increase water delivery by replacing a temporal push-up dam with a permanent diversion structure
<b>Estimated project cost</b>	\$1,370,000
<b>ISC award amount</b>	\$100,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Luna Ditch awaiting a final environmental decision by USFS to start 30% design; anticipated to be issued by July/August 2018
<b>Amount spent to date (AWSA)</b>	0



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## No. 3 *Pleasanton East-Side Ditch Improvement Project*

<b>Grantee</b>	<b>Pleasanton East-Side Ditch Association</b>
<b>Project</b>	Reduce conveyance losses and increase water delivery efficiency through ditch lining and/or pipe laying
<b>Estimated project cost</b>	\$200,000
<b>ISC award amount</b>	\$200,000
<b>To be used for</b>	Construction of Project
<b>Status</b>	The construction contractor was selected; the construction began in December 2017
<b>Amount spent to date (AWSA)</b>	\$25,642



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## No. 4 *New Model Canal Improvement Project*

<b>Grantee</b>	<b>New Mexico New Model Community Ditch Association</b>
<b>Project</b>	Improve canal to accommodate flood control, de-silting, and deliver the proper volumetric flow to the respective farming community stakeholders
<b>Estimated project cost</b>	\$4,800,000
<b>ISC award amount</b>	\$200,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Preliminary engineering design in process
<b>Amount spent to date (AWSA)</b>	0



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## No. 5 *Catron County Ditch Diversion Structure Project*

<b>Grantee</b>	<b>Catron County</b>
<b>Project</b>	Increase water delivery efficiency by modifying/improving the current diversion structure on the Kiehne Mid-Frisco Ditch
<b>Estimated project cost</b>	\$490,000
<b>ISC award amount</b>	\$500,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Bidding process complete; the construction contractor was selected; the construction funding agreement negotiation underway
<b>Amount spent to date (AWSA)</b>	\$64,068



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## No. 6

## Hurley Regional Water Project

<b>Grantee</b>	<b>Town of Hurley</b>
<b>Project</b>	Development of wellfield near Grant County Airport and pipelines to supply 943 AFY to Hurley and other towns in the mining district.
<b>Estimated project cost</b>	\$16,423,700 <i>(ISC contractor's estimate, 2013)</i>
<b>ISC award amount</b>	\$2,100,000
<b>To be used for</b>	Construction of one well and appurtenances near the Grant County Airport and a pipeline to Hurley (Phase 1A of the Project)
<b>Status</b>	Design and preliminary permitting complete. Additional \$6,713,210 for construction of Phase I-A is in the process of being secured.
<b>Amount spent to date (AWSA)</b>	0



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## No. 7

## Deming Effluent Reuse Project

<b>Grantee</b>	<b>City of Deming</b>
<b>Project</b>	Install pumps, purification system, and pipelines required to water sports fields with treated effluent.
<b>Estimated project cost</b>	\$3,347,356
<b>ISC award amount</b>	\$1,750,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Engineering design in process. Technical challenges have slowed progress.
<b>Amount spent to date (AWSA)</b>	\$50,000



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## No. 8

## Deming Effluent Reuse Project

<b>Grantee</b>	<b>City of Deming</b>
<b>Project</b>	Treat effluent at Deming WWTP to achieve NMED Class 1A, add trunk line to High School and Hooten Park. Continuation of No. 7.
<b>Estimated project cost</b>	\$3,347,356
<b>ISC award amount</b>	\$596,000
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Engineering design in process. Technical challenges have slowed progress. Funding Agreement to be finalized after solution to technical problem is final.
<b>Amount spent to date (AWSA)</b>	0



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## No. 9

## Lordsburg Water Meter Project

<b>Grantee</b>	<b>City of Lordsburg</b>
<b>Project</b>	Install 1250 new automated water meters and readers to replace existing water meters.
<b>Estimated project cost</b>	\$286,976
<b>ISC award amount</b>	\$242,950
<b>To be used for</b>	Purchasing meters and readers.
<b>Status</b>	Meters were purchased and delivered. The City will install them.
<b>Amount spent to date (AWSA)</b>	\$242,950



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## No. 10

## Rodeo Water Meter Project

<b>Grantee</b>	<b>Rodeo Mutual Domestic</b>
<b>Project</b>	Install 45 new automated water meters and a reader to replace existing water meters.
<b>Estimated project cost</b>	\$15,243
<b>ISC award amount</b>	\$14,000
<b>To be used for</b>	Purchasing meters and reader.
<b>Status</b>	Meters were purchased and the Village installed them. Monitoring to begin.
<b>Amount spent to date (AWSA)</b>	\$14,000



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## No. 11

## Santa Clara Effluent Reuse Project

<b>Grantee</b>	<b>Village of Santa Clara</b>
<b>Project</b>	Pipeline to transport treated effluent from Bayard WWTP to an ephemeral creek north of Santa Clara.
<b>Estimated project cost</b>	\$5,000,000
<b>ISC award amount</b>	\$100,000
<b>To be used for</b>	PER and 30% design of Project.
<b>Status</b>	Engineering design in process
<b>Amount spent to date (AWSA)</b>	\$42,690



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## No. 12 *Silver City Irrigation Upgrade Project*

<b>Grantee</b>	<b>Town of Silver City</b>
<b>Project</b>	Improve irrigation systems at four locations: Park, Recreation Center, Swimming Pool, Cemetery
<b>Estimated project cost</b>	\$18,157
<b>ISC award amount</b>	\$18,157
<b>To be used for</b>	Purchase of materials and installation of Project
<b>Status</b>	Installation complete. Monitoring has begun.
<b>Amount spent to date (AWSA)</b>	\$18,157



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## No. 13 *Silver City Water Meter Project*

<b>Grantee</b>	<b>Town of Silver City</b>
<b>Project</b>	Replace water meters, radio read, for the entire system.
<b>Estimated project cost</b>	\$2,449,900
<b>ISC award amount</b>	\$500,000
<b>To be used for</b>	Purchase and installation of meters
<b>Status</b>	Meters were purchased and installed. Collecting data on water savings.
<b>Amount spent to date (AWSA)</b>	\$500,000



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## No. 14

## Bayard Effluent Reuse Project

<b>Grantee</b>	<b>City of Bayard</b>
<b>Project</b>	Expand the existing municipal effluent reuse system and replace an associated storage tank. The expansion includes the construction of one mile of pipelines and appurtenances.
<b>Estimated project cost</b>	\$1,463,810
<b>ISC award amount</b>	\$1,171,048
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Engineering design in process.
<b>Amount spent to date (AWSA)</b>	0



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## No. 15

## Bayard-Cobre Effluent Reuse Project

<b>Grantee</b>	<b>Cobre Consolidated Schools / City of Bayard</b>
<b>Project</b>	Install 3000' of pipelines from existing treated effluent water lines to sports fields for irrigation, an overflow line from a storage tank, four water meters, and electrical instrumentation and controls.
<b>Estimated project cost</b>	\$196,145
<b>ISC award amount</b>	\$176,295
<b>To be used for</b>	Design and construction of Project
<b>Status</b>	Engineering design in process.
<b>Amount spent to date (AWSA)</b>	0



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## No. 16

## Hurley Water Meter Project

Grantee	Town of Hurley
Project	Install 600 new automated water meters and a reader to replace existing water meters.
Estimated project cost	\$202,000
ISC award amount	\$181,550
To be used for	Purchasing meters and readers.
Status	Meters were purchased and delivered. The Town will install them.
Amount spent to date (AWSA)	\$181,550



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## Conclusion

- \$1.26 million (14%) expended as of today
- 8 projects in design phase
- 4 projects in pre-construction phase
- 2 projects in implementation phase
- 2 projects in operation phase
- Staff continues to work with the grantees on their respective projects and funding agreements.

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