

FY2010 Capitalization Grant Fundable Priority List

Project Priority: 1

PWS Name/Number: Tucumcari, NM3528020

Population: 6,000

Disadvantaged? Yes

Cost Estimate: \$1,579,000

Green (Percent of Project): 44%

Green (Cat/Business Case): Categorical

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replace deteriorating 70 year-old 220,000 gallon storage tank with a 409,000 gallon storage tank, which will allow city to blend water & meet Uranium MCL; Replace existing manual-read meters, most of which are more than 20 years old, with fixed-base Automated Meter Reading system that will enable leak detection. The portion of the AMR project other than the meters qualifies as green.

Project Priority: 2

PWS Name/Number: Eagle Nest, NM3531804

Population: 450

Disadvantaged? Yes

Cost Estimate: \$325,000

Green (Percent of Project): 85%

Green (Cat/Business Case): Categorical

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Installation of an Automated Meter System to replace the current manual system which ranges from 25 - 40 years old. The system will be a drive-by/walk-by system manufactured by Orion. The portion other than the meters qualifies as green.

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Project Priority: 3

PWS Name/Number: Santa Rosa, NM3515010

Population: 2,500

Disadvantaged? Yes

Cost Estimate: \$1,250,000

Green (Percent of Project): 35%

Green (Cat/Business Case): Categorical

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Upgrade the current SCADA system. The SCADA upgrade will allow for monitoring of flow at strategic locations throughout the system. Replace 950 manual-read meters, which are over 20 years old, with a fixed-base Automated Meter Reading System. The SCADA and AMR projects will allow for real-time leak detection. The portion of the AMR project other than the meters qualifies as green.

Project Priority: 4

PWS Name/Number: Bayard Municipal Water System, NM3522109

Population: 2,591

Disadvantaged? Yes

Cost Estimate: \$200,000

Green (Percent of Project): 60%

Green (Cat/Business Case): Categorical

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replace existing meters, most of which are 20 - 30 years old, with a fixed base Automated Meter Reading system. The portion of the project other than the meters qualifies as green.

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Project Priority: 5
PWS Name/Number: Anthony Water & Sanitation District, NM3511207
Population: 7,125
Disadvantaged? Yes
Cost Estimate: \$850,000
Green (Percent of Project): 5%
Green (Cat/Business Case): Categorical
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Replace 3,063 meters with drive-by/walk-by Automated Meter Reading system. The current meters are a combination of manual read and touch read and are all more than 10 years old. The portion of the project other than the meters qualifies as green.

Project Priority: 6
PWS Name/Number: Lordsburg, NM3522812
Population: 3,100
Disadvantaged? Yes
Cost Estimate: \$750,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Replace 3,690 feet of water pipe along South Animas Street. Replace 3,600 feet of distribution along Maple, Copper and Lead Streets. These aging and unreliable sections of distribution have experienced numerous leaks recently causing frequent water outages and considerable expense.

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Project Priority: 7

PWS Name/Number: Southside Water Users Association, NM3509924

Population: 1,428

Disadvantaged? No

Cost Estimate: \$790,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status: FONSI

Sustainability Policy:

Terms / Closing Date: To be determined by NMFA

Project Description: Install Ultra-Filtration (UF) treatment on the system's water supply well in response to a recent GWUDI designation. The UF system will allow the system to be in compliance with SDWA surface water treatment rules.

Project Priority: 8

PWS Name/Number: Lower Rio Grande Public Works Authority, NM3502407

Population: 9,487

Disadvantaged? Yes

Cost Estimate: \$595,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replacement of manual-read meters, most of which are more than 20 years old, with drive-by/walk-by Automated Meter Reading system. The conversion has already begun, but this funding would allow for the replacement of the remaining 3,400 meters.

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Project Priority: 9

PWS Name/Number: Las Vegas, NM3518025

Population: 19,000

Disadvantaged? Yes

Cost Estimate: \$1,100,000

Green (Percent of Project): 4%

Green (Cat/Business Case): Categorical

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replace 6,863 manual-read meters, the majority of which are over 10 years old, with drive-by/walk-by Automated Meter Reading system. The portion of the project other than the meters qualify as green.

Project Priority: 10

PWS Name/Number: Socorro, City of, NM3523728

Population: 9,800

Disadvantaged? Yes

Cost Estimate: \$284,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replacement of remaining 2,996 manual-read meters, the majority of which are 5 - 10 years old, with drive-by/walk-by Automated Meter Reading system. Meter conversion project was begun 5 years ago. 23% of manual meters have already been replaced.

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Project Priority: 11
PWS Name/Number: Santa Fe, City of, NM3505126
Population: 70,001
Disadvantaged? No
Cost Estimate: \$5,000,000
Green (Percent of Project): 100%
Green (Cat/Business Case): Categorical
Environmental SERP Status: FONSI
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Installation of 1 MW photovoltaic power facility for Buckman Direct Diversion Project. There currently exists 1 MW of photovoltaic power generation at this facility. Doubling the size of the solar power generation facility would enable the system to use renewable energy to meet 2/3 of the water treatment plant energy demand .

Project Priority: 12
PWS Name/Number: Bloomfield Water Supply System, NM3510124
Population: 6,725
Disadvantaged? No
Cost Estimate: \$1,327,000
Green (Percent of Project): 13%
Green (Cat/Business Case): Categorical
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Replace all manual-read meters which are 15 - 20 years old with a fixed-base Advanced Meter Reading system including metering, telemetry, and advanced water-management software. The system will allow real-time reading of all meters.

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Project Priority: 13
PWS Name/Number: Village of Angel Fire, NM3531904
Population: 6,000
Disadvantaged? No
Cost Estimate: \$239,500
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Reconstruct .6 mile of distribution which is currently susceptible to freezing.

Project Priority: 14
PWS Name/Number: Magdalena, Village of, NM3523528
Population: 1,005
Disadvantaged? Yes
Cost Estimate: \$50,900
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: New SCADA system to replace system's current non-functional system.

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Project Priority: 15
PWS Name/Number: Bosque Farms Water Supply, NM3510732
Population: 4,000
Disadvantaged? No
Cost Estimate: \$800,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: Categorical Exclusion
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Upgrade Well #2 with variable frequency drives; upgrade pumps and motors; install a new DC and all related electronics; install a SCADA system. All projects will assist Bosque Farms to extend service to existing residents in the newly incorporated Village of Peralta who have water quality problems due to septic system usage.

Project Priority: 16
PWS Name/Number: Tijeras, Village of, NM3500601
Population: 1,200
Disadvantaged? No
Cost Estimate: \$1,300,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: FONSI
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Phase III of project to expand service area to existing Village residents currently not served by the water system. Project includes booster pump station and water distribution lines.

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Project Priority: 17
PWS Name/Number: Eldorado WSD, NM3537326
Population: 8,114
Disadvantaged? No
Cost Estimate: \$1,000,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Replacement of 864 manual-read meters which are more than 15 years old with Automated Meter Reading smart-meter system (AMR infrastructure is already in place so project does not qualify as green); update outdated SCADA software and add a backup computer and critical standby components for the communication system; install and interconnect water line and a booster station between water storage tanks; install a modular building to serve as administrative offices and as operations/field offices.

Project Priority: 18
PWS Name/Number: Thoreau W&SD, NM3508817
Population: 1,400
Disadvantaged? Yes
Cost Estimate: \$800,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Replacement well and new pump house.

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Project Priority: 19
PWS Name/Number: Farmington, NM3510224
Population: 41,001
Disadvantaged? No
Cost Estimate: \$5,900,000
Green (Percent of Project): 2%
Green (Cat/Business Case): Categorical
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Replace 13,871 manual-read meters that are over 15 years old with drive-by/walk-by Automated Meter Reading system. The software portion of the project qualifies as green.

Project Priority: 20
PWS Name/Number: Alto Lakes WSD, NM3558514
Population: 2,000
Disadvantaged? No
Cost Estimate: \$1,000,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: FONSI
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Phase II of water treatment project to reduce TDS and hardness by installation of an RO system and brine disposal facility. It is estimated that 220 tons of salt are used in household softeners which currently go into septic systems as a result of the hardness of the water

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Project Priority: 21
PWS Name/Number: Santa Fe, City of, NM3505126
Population: 70,001
Disadvantaged? No
Cost Estimate: \$65,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: Categorical Exclusion
Sustainability Policy: Fix It First
Terms / Closing Date: To be determined by NMFA
Project Description: Upgrade the Utility's SCADA system to accommodate remote control and monitoring of the hydroelectric system which was an ARRA funded green project.

Project Priority: 22
PWS Name/Number: Albuquerque-Bernalillo County Water Utility Authority, NM3510701
Population: 453,000
Disadvantaged? No
Cost Estimate: \$2,000,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status: FONSI
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Complete Phases 2 and 3 of the extension of the ABCWUA water system to the community of Carnuel. The residents of Carnuel have utilized domestic wells drawing water from a nitrate-contaminated aquifer.

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Project Priority: 23

PWS Name/Number: Alto Lakes WSD, NM3558514

Population: 2,000

Disadvantaged? No

Cost Estimate: \$400,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Replace old 150,000 gal water storage tank with new 300,000 gal welded steel tank. The old tank is in poor condition and by replacing the tank, the system could add needed storage capacity.

Project Priority: 24

PWS Name/Number: Hagerman Water System, NM3519903

Population: 1,150

Disadvantaged? Yes

Cost Estimate: \$350,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status:

Sustainability Policy:

Terms / Closing Date: To be determined by NMFA

Project Description: Design, construction, purchase, and installation of a water storage tank and pressure pump for Greenfield well. The project is entirely for meters and so does not qualify for green subsidy.

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Project Priority: 25
PWS Name/Number: Magdalena, Village of, NM3523528
Population: 1,005
Disadvantaged? Yes
Cost Estimate: \$205,400
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: New well to supplement the system's single well.

Project Priority: 26
PWS Name/Number: Truth or Consequences, NM3514327
Population: 8,520
Disadvantaged? Yes
Cost Estimate: \$805,500
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: Redesign and rebuild network of pipes and pumps to deliver re-use effluent to municipal golf course and Hot Springs Middle School fields.

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Project Priority: 27

PWS Name/Number: Roswell, NM3520203

Population: 49,000

Disadvantaged? No

Cost Estimate: \$1,300,000

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status: Categorical Exclusion

Sustainability Policy: Fix It First

Terms / Closing Date: To be determined by NMFA

Project Description: Rehabilitate 3,675 feet of 42" and 36" concrete water line dating from 1967 by slip-lining. The old water line was experiencing so many ruptures that it was taken off line.

Project Priority: 28

PWS Name/Number: Fambrough MDWCA, NM3510403

Population: 450

Disadvantaged? Yes

Cost Estimate: \$265,720

Green (Percent of Project): 0%

Green (Cat/Business Case):

Environmental SERP Status:

Sustainability Policy:

Terms / Closing Date: To be determined by NMFA

Project Description: Loop water system; replace old, undersized lines and valves' add additional hydrants.

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Project Priority: 29
PWS Name/Number: Silver City Water System, NM3522609
Population: 18,390
Disadvantaged? Yes
Cost Estimate: \$581,000
Green (Percent of Project): 0%
Green (Cat/Business Case):
Environmental SERP Status:
Sustainability Policy:
Terms / Closing Date: To be determined by NMFA
Project Description: New 1 million gallon storage tank.

Total Cost: \$31,113,020

Total Project Count: 29