

TABLE 1

**NEW MEXICO ENVIRONMENT DEPARTMENT
CLEAN WATER STATE REVOLVING FUND (CWSRF)
(ALSO KNOWN AS WASTEWATER FACILITY CONSTRUCTION LOAN FUND)
INTEGRATED PROJECTS PRIORITY LIST (IPPL)
STATE FISCAL YEAR 2013**

Note: Placement on this IPPL does not constitute either a guarantee of a loan offer or a decision that all of the estimated project costs will be deemed eligible for funding under the Federal Clean Water Act (FCWA) or New Mexico Wastewater Facility Construction Loan Act (NMWFCLA).

Enforceable Requirement Codes

- A** Project is needed to meet requirements of existing NPDES permit
- B** Project is needed to meet requirements of NPDES permit when issued
- C** Project is needed to meet Best Practical Wastewater Treatment Technology
- D** Project is not needed to meet any enforceable requirements of the CWA
- Y** The project in its entirety satisfies the enforceable requirements of the CWA
- P** Portions of the project do not satisfy the enforceable requirements of the CWA

Eligible Cost by Needs Category

- I** Secondary Wastewater Treatment
- II** Advanced Wastewater Treatment
- III-A** Infiltration/Inflow (I/I) Correction
- III-B** Sewer Replacement/Rehabilitation
- IV-A** New Collector Sewers and Appurtenances
- IV-B** New Interceptor Sewers and Appurtenances
- V** CSO Correction
- VI** Storm Water Management Program
- VII-A** NPS Control: Agriculture (Cropland)
- VII-B** NPS Control: Agriculture (Animals)
- VII-C** NPS Control: Silviculture
- VII-D** NPS Control: Urban, excluding decentralized systems
- VII-E** NPS Control: Ground Water Protection (Unknown Source)
- VII-F** NPS Control: Marinas
- VII-G** NPS Control: Resource Extraction
- VII-H** NPS Control: Brownfields
- VII-I** NPS Control: Storage Tanks
- VII-J** NPS Control: Sanitary Landfills
- VII-K** NPS Control: Hydromodification
- VII-L** NPS Control: Individual/Decentralized Systems
- X** Recycled Water Distribution

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RANK	COMMUNITY	NPDES NO. OR DP. #	DETAILED PROJECT DESCRIPTION	TOTAL AMOUNT REQUESTED	TOTAL PROJECT AMOUNT	ENFORCEABLE REQUIREMENT CODE(S)	NEEDS CATEGORY(IES)	POTENTIAL GREEN CATEGORY	ELIGIBLE FOR SUBSIDY?	IPPL YEAR APPLIED
60.00%	SSCAFCA	NMR040000	The Lomitas Negras Arroyo stormwater quality facility will utilize EPA green infrastructure standards by restoring hydrology and infiltration through the design and implementation of low impact development techniques including low-water species of plants and site grading to reduce velocity and enhance infiltration of storm water. The requested funds would be used design a "mechanical phytoremediation" facility in a high desert landscape. In addition to traditional phytoremediation means to biologically treat impacted areas through the plants' ability to naturally metabolize contamination; this facility's purpose would be to use the macro properties of the plants to capture and filter the sediment, floatables and debris from the storm water and to facilitate infiltration into the permeable substrate.	\$2,000,000	\$2,500,000	D	VI, VI-C	Green Infrastructure - Categorical	Y	2013
60.00%	SSCAFCA	NMR040000	The Montoya's Arroyo stormwater quality facility will utilize EPA green infrastructure standards by restoring hydrology and infiltration through the design and implementation of low impact development techniques including low-water species of plants and site grading to reduce velocity and enhance infiltration of storm water. The requested funds would be used to design a "mechanical phytoremediation" facility in a high desert landscape. In addition to traditional phytoremediation means to biologically treat impacted areas through the plants' ability to naturally metabolize contamination; this facility's purpose would be to use the macro properties of the plants to capture and filter the sediment, floatables and debris from the storm water and to facilitate infiltration into the permeable substrate.	\$2,000,000	\$2,500,000	D	VI, VI-C	Green Infrastructure - Categorical	Y	2013
57.35%	Las Cruces, City of	N/A	The Lantana Sewer Project Phase II to IV is to install gravity sewer collection system in the neighborhood of Country Club Manor and Sun Country Estates. The neighborhood is currently utilizing septic systems for sewer treatment and disposal on lot less than 1/2 acre in size. The 1/2 acre lot size is no longer in conformance with NMED Liquid Wastew Standards due to concerns of inadequate lot size for proper septic system function and effluent disposal. This neighborhood is ranked as #1 on the top priority for the immediate need of sewer collection system based on an engineering report "Septic Tank Identification and Prioritization Plan for the City. The proposed project will consist of approximately 1,500 ft. of 8" gravity sewer line, manholes and sewer service stubouts to 25 houses.	\$328,000	\$328,000	D	IV-A, VII-E		N	2013
56.90%	Chama, Village of	NM0027731	Abandon existing aerated lagoon WWTP; Construct entirely new biological nutrient removal WWTP: Headworks, Activated sludge, Tertiary Filtration, Disinfection, Sludge treatment/disposal.	\$8,810,000	\$8,810,000	A	II		Y	2013
51.72%	Aztec, City of	NM0020168	Project will replace approx. 7500 feet of the main sewer line for the City. Portions of the line serve all of the City, and the line is badly decayed and at capacity. The size of the line will be increased from 12" to 24".	\$2,217,342	\$2,217,342	A	III-A, III-B		Y	2013
51.72%	Ruidoso, Village of	NM0029165	The 2008 flood damaged the main trunk sewer located in and along the Rio Ruidoso. The Village has received FEMA funding to relocate the sewer away from the river. Once the sewer is relocated, unserved areas within Upper Canyon will be tributary to the relocated sewer. This project will extend service to those unserved areas. The Village plans to partner with homeowners to install these sewer to Village standards. This will make it possible to install sewers more rapidly than if the Village were to attempt to install the sewers using Village personnel because of limited staffing.	\$750,000	\$1,000,000	D	IV-A		Y	2013
51.72%	Ruidoso, Village of	NM0029165	The recently completed Regional Waste Water Treatment Plant has capacity to allow expansion of sewer service to unserved areas of the Village. The settlement agreement for construction of the RWWTP mandated that the Village extend service to unserved areas. NMED has identified areas that have concentrations of substandard or failing septic systems. These areas have been investigated and preliminary layouts prepared for extension of sewer service. The Village will provide the materials and homeowners will contract with local contractors to install the sewers to Village Standards. This will make it possible to install sewers more rapidly than if the Village were to attempt to install the sewers using Village personnel because of limited staffing.	\$1,500,000	\$2,000,000	D	IV-A		Y	2013
51.72%	Ruidoso, Village of	NM0029165	Design and construct reclaimed water treatment facility and delivery system. Project will intercept the flow of sanitary sewage in the existing sanitary sewage conveyance system, treat the sewage to turf irrigation standards and deliver it to the adjacent golf course. The golf course currently uses well water. Once this system is operational, the golf course wells can be converted to use by the Village for potable water delivery. Because of the high seasonal demand, this project will benefit the overall performance of the sewer system and provide additional potable water for use by Village residents.	\$1,500,000	\$2,000,000	D	X, I	Water Efficiency - Categorical	Y	2013
48.28%	Jemez Springs, Village of	NM0028011	Remove phosphorus from treatment effluent through biological, physical and chemical processes. Chemical injection of Ferric Chloride. Addition of mixers in pre-react zones, rehabilitation of effluent weir, additional screening of influent.	\$500,000	\$500,000	A	II		Y	2013
42.24%	Belen, City of	N/A	Phase 4 of Camino del Llano drainage project to protect the City and private infrastructure that is threatened by flooding.	\$2,500,000	\$2,500,000	B, Y	VI-A		Y	2012

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41.18%	San Juan County	N/A	San Juan County is requesting funding for the installation of Phase 1 of the Flora Vista Sanitary Sewer Collection System. Flora Vista is an un-incorporated community of San Juan County, New Mexico and is located midway between Aztec and Farmington, NM along Highway 516. The area is a high ground water area immediately adjacent to the Animas River and is currently served only by private on-site treatment (septic tank) facilities. This area is experiencing a high level of on-site septic tank failures and operational difficulties. The Phase I project collection system would service that area of most need in the high growth area of Flora Vista as identified in the project PER and deliver wastewater for treatment to the City of Farmington wastewater treatment plant. Phase I consists of the approximate installation of 22,690 linear ft. of 15 inch sewer gravity pipe, 54,320 linear ft. of 8 inch sewer gravity pipe, 25,475 feet of pressure sewer pipe, and 22,690 linear ft of 15 inch sewer gravity pipe, 54,320 linear ft. of 8 inch sewer gravity pipe, 25,475 feet of pressure sewer pipe, and approximately 417 service connections. The estimated construction cost for Phase I is approximately \$9,100,000.00 . Design for Phase I is complete.	\$9,100,000	\$9,100,000	D	VII-E		Y	2013
40.07%	Corrales, Village of	DP-1527, DP-1099, DP-1139 (likely others)	The project consists of a STEP effluent collection main that will run the length of the business core and to the southern boundary of Corrales and connect to the wastewater system of ABCWUA for treatment. The system will take septic effluent in a pressurized line from systems within the area a few hundred feet of the main initially. The system will require individual pumps connected at the septic tanks to the main tie ins.	\$3,500,000	\$10,000,000	D	IV-B		Y	2013
38.24%	EI Prado W&SD	N/A	To serve a part of the community that does not currently have sewer services. The Groundwater has become contaminated by septic tanks & septic tank permits are no longer available in this area, but the community is growing in leaps & bounds. To further protect the contamination of the groundwater, people in this area are currently drinking from their private water wells. Extreme health and safety issue.	\$5,000,000	\$5,000,000	D	IV-A, VII-E		Y	2013
38.24%	Grants, City of	DP-695	Replace existing blowers at the Wastewater Treatment Facility with newer, high-efficiency blowers to decrease power consumption and reduce maintenance demands. This project will replace the existing three blowers with high-efficiency PD or turbo blowers/motors with VFDs. The existing blowers are 20+ years old positive displacement (PD) blowers that supply air to the facility's aerated lagoons. [The wastewater plant discharges to the City of Grants golf course lagoons to be used as reuse for irrigation purposes.]	\$36,000	\$480,000	A	I	Energy Efficiency - Business Case	Y	2013
38.24%	Grants, City of	DP-694	Line wastewater treatment system effluent ponds to prevent seepage into groundwater.	\$5,000,000	\$5,000,000	A,B,D,Y	I,II		Y	2009
38.24%	Portales, City of	DP-887	Project entails replacing existing aerated lagoon system with extended aeration. Improvements will include improved inlet works, new aeration basins, disinfection system, electrical and SCADA. Goal is to reduce nutrients in effluent and plan for future reuse.	\$22,000,000	\$22,000,000	C,Y	II		Y	2009
38.24%	Ruidoso, Village of & Downs	N/A	Rehabilitation and replacement of approx. 10 miles of existing sanitary sewer lines that were damaged during flooding in 2008. Much of the collection system runs parallel or in the Rio Ruidoso. This project will realign the pipelines to take them out of the river. The project also adds low pressure sewer lines, grinder pumps, and lift stations.	\$1,635,000	\$24,300,000	Y	III-B,IV-A,IV-B		Y	2012
36.76%	Hagerman, Town of	DP-760	Project is to repair existing wastewater treatment lagoons and will include removal and disposal of sludge from existing lagoons, relining of the lagoons, replacement of aerators, replacement of electrical system and new disinfection system. It is anticipated that the lagoons will produce a Class 2 effluent that will be used for irrigation of seed crop for animals.	\$1,950,000	\$1,950,000	B	I		Y	2009
36.36%	Bernalillo County	N/A	Homeowners meeting specific income guidelines will receive financial assistance to upgrade onsite wastewater systems to meet local code requirements. The County will use the CWSRF to support the Counties existing PIPE program which assists low income homeowners. The County will lend money to those homeowners requiring assistance over the allowable assistance limits of the PIPE program.	\$1,050,000	\$2,100,000	D	VII-E		N	2013
36.03%	Las Vegas, City of	DP-494	The City currently needs to haul approx. 100,000 gal. per day of sludge to the sludge site. Due to the capacity of the existing treatment system, the City is not able to haul the entire amount every day. The City has also recently placed a moratorium on septage and has minimized the amount of septage that is being accepted. With this WW Sludge Handling Facility Project, the sludge will be thickened from less than one percent to approx. four to five percent. The thickening of the sludge will reduce the amount of sludge that needs to be hauled to approx. 20 - 25,000 gal. per day. In addition to reducing the amount of sludge and the costs associated with hauling, this project will also allow the City to consider accepting a higher volume of septage.	\$561,000	\$561,000	A,B,C	I,II		Y	2012
35.34%	Bloomfield, City of	NM0020770	The wastewater treatment plant is nearing capacity and is at the end of its useful life. Upgrades and repairs to the plant would include a new clarifier, aeration basin, and a UV disinfection system.	\$202,000	\$202,000	B,Y	I,II	Environmentally Innovative - Business Case	Y	2011
35.29%	Mountainair, Town of	DP-1440	Wastewater treatment plant upgrades and improvements. The WWTP is nearing the end of its useful life and new regulations will require the lagoons have a liner. Technology improvements and energy efficiency is needed to replace the current technology which is expensive to operate and maintain.	\$850,000	\$850,000	C,D	I		Y	2013
35.29%	Willard, Village of	DP-1353	Re-do elevation of the wastewater collection lines to prevent backups in homes.	\$450,000	\$450,000	C	II,III-B		Y	2012

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33.82%	Jal, City of	DP-59	The City of Jal needs improvements to the existing wastewater treatment facility and storage ponds north of the city that hold treated effluent from the treatment facility to be used for irrigation. The existing facility will be improved to a "High Performance Lagoon System" and will have treatment components added to significantly improve treatment performance. The Holding Ponds will have sludge removed from them, will be relined to protect groundwater, and will have pumping improvements.	\$200,000	\$1,090,000	D	VII-E		Y	2013
33.82%	Questa, Village of	DP-191	Replace approximately 2 miles of deteriorated clay wastewater collection lines with PVC pipe and extend sewer collection lines to approximately 48 residences with deteriorated septic tanks. Village proposes to replace all deteriorated sewer lines as funding becomes available.	\$1,250,000	\$1,250,000	D	III-A,III-B		Y	2012
33.82%	Ruidoso Downs, City of	N/A	Final design and construction of sanitary sewer connection to 188 residents, including collection lines. Preliminary design is completed, but cannot proceed to final design or construction due to lack of funding. Project is in response to mandates of a settlement agreement with NMED and EPA (May 2007) to extend sewer service to this area, which is currently on septic tanks, to eliminate non-point source contamination of the Rio Ruidoso.	\$5,190,000	\$5,190,000	Y	IV-A,IV-B		Y	2012
31.90%	Farmington, City of	NM0020583	The proposed project includes on new MRAS Basin. Components of the MRAS basin include: new concrete structure, piping, aeration equipment, mixers, blowers, electrical, misc. appurtenances and civil work. Additionally, the membrane diffusers for the aeration system within the existing basin are proposed to be replaced also an additional screening washer system for the entrance works building will be installed.	\$2,500,000	\$3,000,000	A	II	Energy Efficiency - Business Case	N	2012
31.90%	Farmington, City of	NM0020583	The City would like to expand the current treatment train at the wastewater treatment plant to ensure capacity and redundancy in the system.	\$10,000,000	\$10,000,000	C	I		N	2008
31.90%	Farmington, City of - WWTP	NM0020583	Design and construct a new UV disinfection system at the City WWTP to replace the existing chlorine disinfection system and improve the effluent discharge quality.	\$2,000,000	\$2,000,000	A,C,Y	II	Environmentally Innovative - Business Case	N	2009
30.88%	Alamo WUA	N/A Tribal Entity	Present water lagoons built in 1982. Engineering study by G.E.L. indicate system capacity at 8500 GPD effluent rates now @ 35000 GPD. System is leaking in arroyo with known fresh ground water. New site located with appropriate soil characteristics. New wastewater system designed capacity is 120,000 GPD; pond treatment with infiltration lagoon.	\$3,600,000	\$4,200,000	C,Y	I,III-B		Y	2012
30.88%	Columbus, Village of	DP-120	Complete the closure of the aerated lagoon system and unlined collection pond at the Columbus International Industrial Park, including demolition, removal and disposal of aerated system equipment and cement liner; removal, testing and disposal of sludge from both sites; backfilling, compacting and leveling of grounds; and reseeded topsoil with natural vegetation.	\$125,000	\$317,000	D	VII-E		Y	2013
30.60%	Carlsbad, City of	NM0026395	Expansion to include the design and construction of effluent booster station and approximately 8,500 feet of 10-inch and 8-inch effluent reuse lines. The lines will extend from the existing effluent reuse system at the City's golf course to two City parks north of the golf course.	\$2,944,769	\$2,944,769	A,C,D,Y	VI-C,X	Water Efficiency - Categorical	N	2010
29.41%	Bluewater W&SD	DP-109	Improvements to WWTP and fix lagoon, construct a better berm between Rio San Jose water way and our polishing pond. In order to accomplish this, we will dredged reconstruct our polishing pond and add a liner. Make necessary upgrades to our activated sludge plant, upgrade electrical equipment and switch gear and add necessary equipment to handle wasted sludge.	\$500,000	\$500,000	D	VII-E, I		Y	2013
29.41%	Organ W&S Association	DP-915	This project will fix the sewage ponds by repairing the flume intake monitor station; replace the control valves between each pond and leach field; install two monitor wells required by NMED and will require minor costs for PER amendments, design work with the bulk of the costs required for funding construction. Repair sewage ponds/ repairing the flume intake monitor station/ replace the control valves; install two monitor wells NMED required. This project will require minor costs for PER amendments, design work with the bulk of the costs required for funding construction.	\$323,000	\$323,000	D	VII-E		Y	2013
29.41%	San Jon, Village of	DP-535	The Design Summary Engineering Report outlined 7 phases of projects, of which a portion of phase 2 and all of phases 3 thru 7 need to be completed. The work consists of continuation of phase 2 (land application of sludge from lagoon #2 and re-lining lagoon #3, improvements to the collection system and effluent disposal area (Phase 3), improvements to the collection system (phases 4 thru 6) and addition of a new facultative lagoon (phase 6).	\$452,000	\$3,250,000	D	VII-E		Y	2013
29.41%	San Juan County	DP-1116	Improvements to the Lagoons Limited (Valley Acres) wastewater system comprises replacement of the existing wastewater treatment lagoon with a wastewater lift station, along with improving the wastewater collection system, decommissioning of the abandoned wastewater lagoon and construction of a force main from the new lift station to the newly constructed Valley Water and Sanitation District Wastewater Collection System.	\$2,500,000	\$2,500,000	Y	V, IV-A, IV-B		Y	2013
29.31%	Grants, City of	N/A	Install storage tank for stormwater harvesting and reuse for use in facility operations/wash-down. Restore existing wetlands. Construct stormwater conveyance (use of swales and natural features) to manage onsite stormwater and direct onsite stormwater runoff to wetlands.	\$82,500	\$110,000	B	VI,VI-A,VI-B,VI-C	Water Efficiency and Green Infrastructure - Categorical	Y	2013
29.31%	Los Lunas, Village of	NM0020303	The WWTP includes an MBR structure with 4 basins that each hold 9 groups of plate membrane cassette modules. This project will double treatment capacity from with the installation of additional cassettes. It will enable the Village to accommodate the treatment needs of the Central new Mexico Correctional Facility, while returning treatment capacity back to the Village.	\$1,909,500	\$1,909,500	Y	I,II		Y	2012

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29.31%	T or C, City of	NM0020681	The T or C WWTP is over 35 years old, and upgrades to the activated sludge basin, clarifiers, disinfection, and sludge process systems are required to increase treatment capacity and meet anticipated NPDES effluent requirements for nitrogen and phosphorus. These improvements can be phased. T or C needs funding from multiple sources for the improvements. The PER will be completed by 7/2012.	\$6,000,000	\$12,000,000	B	II		Y	2013
28.02%	Bayard, City of	NM0020231	Planning, design, construction and installation of a photovoltaic solar array at the Bayard Regional WWF.	\$2,450,000	\$2,500,000	D	VI-C	Energy Efficiency - Categorical	Y	2012
28.02%	Bosque Farms, Village of	NM0030279	The Bosque Farms WWTP requires upgrades to accommodate a new proposed wastewater collection system in Peralta. This includes a second clarifier and sludge management. This project will eliminate an estimated 1420 individual septic tanks and 320000 gallons per day of untreated domestic wastewater effluent dispersed to the shallow aquifer. The project will eliminate land disposal operations for sludge and change to a digester/dewatering operation. Design and construction funds for the proposed changes to the Bosque Farms WWTP are needed. Improvements to the Bosque Farms WWTP will benefit the residents of Bosque Farms as well as Peralta.	\$7,900,000	\$7,900,000	D	IV-A,I,IV-B		Y	2013
26.10%	Alamogordo, City of	DP-220	Project is to rehabilitate and make upgrades to the existing wastewater treatment plant including replacement of entrance works, repair of the secondary clarifiers, upgrading of the electrical and supervisory control and data acquisition (SCADA) system.	\$15,000,000	\$15,000,000	C	II,III-A,VII		N	2009
25.00%	Espanola, City of	NM0029351 & DP-230	The City of Espanola currently needs to replace the existing U.V. lighting at the Waste Water Treatment Plant to obtain proper disinfection of the effluent water which will enhance the water quality and maintain compliance with EPA, NPDES and State permitting.	\$90,000	\$120,000	A	II		Y	2013
24.14%	Cloudcroft, Village of	NM0023370	The Pure Wastewater Recycling Project (PWRP) is an indirect potable wastewater recycling project. The facility will treat wastewater flows to drinking quality for blending with natural water sources and augmentation into the Village's potable water supply. A multi-barrier treatment approach ((MBR), reverse osmosis, and ultrafiltrations systems) will be used to purify reclaimed water from the WWTP and used for blending with existing well/spring waters that will ultimately be used for additional water supply and aquifer recharge.	\$750,000	\$5,323,000	A,B	II,VI-C		Y	2012
23.28%	Belen, City of	NM0020150	The city would like to upgrade to a Supervisory Control and Data Acquisition (SCADA) system. This would help optimize effluent management, reducing maintenance costs, and lower energy consumption.	\$500,000	\$500,000	C	I		Y	2012
22.79%	Angel Fire, Village of	NM0030503 & DP-156	New effluent equalization (EQ) basin at WWTP. Construction of new tertiary filtration facilities to achieve phosphorus removal, replacement of effluent discharge line, pump station renovations, new irrigation system at effluent land application site. This project will reduce the amount of potable water needed for non-potable uses and will allow for the improvement of effluent quality.	\$6,141,400	\$6,141,400	B	II,X,VII-E		Y	2013
22.79%	Angel Fire, Village of	NM0030503 & DP-156	Retrofit the existing mechanical bar screen with a "Auger Monster" which will improve the quality of sewage going into the WWTP. Retrofit the existing UV disinfection system with a new one. The existing system is an "Inflico Degrement Inc" which is in need of major repairs. There is no New Mexico or neighboring State Representative. This makes it next to impossible to get parts or personnel to trouble shoot. We will replace it with a well known company with local New Mexico or neighboring state vendor.	\$360,000	\$360,000	C	I		Y	2013
22.41%	Espanola, City of	NM0029351	Design and construction upgrades to the City Wastewater Treatment Plant.	\$97,100	\$97,100	A,C,D,Y	I		Y	2011
22.41%	Pecos, Village of	NM0029041	Project is to provide sanitary sewerage for residences on Rincon Rd. replacing individual septic systems on the one-mile roadway. The Village well is on the western end of the roadway and providing sanitary sewer will provide sourcewater protection for the well. While the roadway has been excavated, the project will also include replacement of the existing 2" well transmission pipeline with a 6" waterline. This will provide increased flow to the village, which in the summer months is critically important.	\$1,825,000	\$2,000,000	D	IV-A,VII-E		Y	2013
21.55%	Rio Rancho, City of	NM0027987	Design, purchase and install new sludge dewatering equipment for the City wastewater treatment plant. Sludge dewatering equipment is needed to keep up with increased demand. All sludge is sent to a central location for dewatering and is nearing capacity.	\$5,000,000	\$5,000,000	A,C	I		N	2011
21.32%	Carlsbad, City of	DP-1274	Project is to replace existing sewer interceptors that are deteriorating and past service life. The project will replace approximately 2 miles of 24-inch and 36-inch sewer line and manholes.	\$3,500,000	\$3,500,000	A,C,Y	IV-A,IV-B		N	2009
21.32%	Clovis, City of	DP-79	The City of Clovis is currently seeking \$7.5M to build Phase 1 A of the project, but wants to eventually construct the full project costing \$16.5M. The full project will include filtration and disinfection of effluent from the existing extended aeration/denitrification treatment plant, a new low-lift pump station, upgrade of an existing high-lift pump station by adding a variable frequency drive (VFD) pump system to supply reuse transmission, a new elevated storage tank, and approximately 12 miles of 18-inch reuse line. The project has been broken into five sub-phases which will allow reuse customers to begin making use of the treated water and the City to begin collecting revenue before the entire project has been completed. Phase 1A construction costs will be approximately \$7.5M	\$16,500,000	\$16,500,000	D	X	Water Efficiency - Categorical and Energy Efficiency - Business Case	N	2012
20.59%	Eagle Nest, Village of	DP-1213	Two lagoons need to be decommissioned. The first lagoon has an approximate volume of 1,400,000 gallons and is approximately 8' deep. The second lagoon has an approximate volume of 2,000,000 gallons and also is approximately 8' deep. The project will consist of the removal of the sludge and other components of the unused wastewater system in order to decommission the lagoon per NMED requirements and as outlined in the report prepared by Environmental Dimensions, Inc.	\$400,000	\$400,000	D	VII-E		Y	2013

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20.59%	Las Vegas, City of	DP-1118	Palo Verde and Cinder Road to Camp Luna. Installation of a 12" C-900 purple pipe reclaimed water line, booster pump-station, storage tank and rehabilitation of two concrete reservoirs. This will allow for pumping uphill to Camp Luna concrete reservoirs. Two concrete reservoirs need to be rehabilitated. This project will allow the City's reclaimed water system to gravity feed public schools, playing fields and city parks.	\$3,167,100	\$3,167,100	C	X	Water Efficiency - Categorical	Y	2012
20.59%	Red River, Town of	NM0024899 & DP-268	Replace equipment in pre-treatment, replace bio-disc for Rotating Biological Contactors, replace or modify rectangular clarifiers, control system upgrades, replace backup generator. Sludge handling upgrades infiltration/inflow.	\$2,500,000	\$2,500,000	D	II		Y	2013
20.59%	Red River, Town of	DP-268	Rehabilitation of current drying beds, or plan, design, construct new dewatering system.	\$1,200,000	\$1,200,000	C	I		Y	2012
20.26%	Gallup Joint Utilities	NM0020672	Sewer collection and interceptor lines. WWTP upgrades based on permit requirements.	\$40,000,000	\$40,000,000	C	II,III-A,IV-B		N	2011
20.00%	Carlsbad, City of	N/A	Canal street experiences flooding during even small storm events. The NMDOT is finishing the replacement of Canal Street (US 285) and the project included a storm drain improvements. However, the improvements did not extend beyond the right of way and now the City needs to extend those improvements to complete the project.	\$3,050,266	\$3,050,266	B,Y	VI-A,VI-D		N	2009
19.85%	Grants, City of	DP-695	Full roadway reconstruction of 2nd Street from Santa Fe Avenue to Roosevelt Avenue. Improvements include drainage and sanitary sewers line replacement.	\$250,000	\$2,500,000	D	III-B		Y	2013
19.12%	Angel Fire, Village of	DP-156	Planning, environmental documentation, design, construction and construction management to expand the Village's wastewater collection system into areas not currently served by wastewater service. The work includes installation of gravity and force mains, service wyes, manholes, construction of new lift station and other items necessary to provide a complete project.	\$2,451,250	\$2,451,250	Y	III-B,IV-A,IV-B		Y	2012
19.12%	Angel Fire, Village of	DP-156	Rehabilitation and expansion of existing lagoon and construction of new lagoon, new pump station with filtration equipment, approx. 10,000 linear feet of new forcemain, construction of a new reuse water tank. Study currently underway to determine locations to receive reclaimed effluent, such as irrigation for parks and golf courses. This project will reduce the amount of potable water needed for non-potable uses.	\$4,300,000	\$4,300,000	D	X		Y	2012
19.12%	Deming, City of	DP-209	Equip, plan, design and construct replacements, modifications and expansions to the wastewater collection and treatment systems. Scope of work includes energy audits, incorporation of alternative energy sources and reduction of stormwater infiltration into wastewater system.	\$3,000,000	\$3,000,000	D	III-A, I, III-B, V, VI, X	Energy Efficiency and Green Infrastructure - Categorical	Y	2013
19.12%	Eunice, City of	DP-1612	This project will construct, repair and/or replace line, valves, and/or lift station(s) in the City of Eunice wastewater collection system. WW collection lines, valves, and/or lift stations are in advanced stages of decay and in serious need of replacement. In addition, Eunice is annexing its golf course and surrounding properties that currently have no WW collection services.	\$5,000,000	\$6,800,000	C,Y	III-B,IV-A,XIII		Y	2012
19.12%	Las Vegas, City of	DP-1118	Cinder Road 16" Sanitary Sewer Relief Main Line 6,150 feet of sewerline would be installed along with an estimated 23 manholes would allow for removal of the current three lift stations.	\$750,000	\$750,000	A,B	IV-A		Y	2012
19.12%	Los Lunas, Village of	DP-1053	Improvements to pre-digestion sludge thickening, Aerobic digestion with aerobic and anoxic cycling for total nitrogen removal, sludge disposal. Needed to accommodate future growth/development of the community.	\$8,500,000	\$8,500,000	Y	I		Y	2012
18.53%	Belen, City of	NM0020150	Planning, design and construction of Becker Street from 1st Street to 2nd Street and Old River Rd. from BNSF Railroad to NM 309, including sanitary sewer collection replacement.	\$250,000	\$1,200,000	A	III-B		Y	2013
18.53%	Socorro, City of	NM0020150	The work is located within the corporate limits of the City of Socorro, New Mexico. The project will expand the wastewater collection system into areas not currently served by wastewater service. The residents in the project location currently use aging septic tanks for their wastewater disposal. Those residents near the Rio Grande River (Hope Farms) typically experience a high water table, thus preventing the septic tanks from working properly. The residents in the project locations will be required to connect to the new system, thereby eliminating potential contamination of the groundwater by failing septic systems. The work includes installation of gravity and force mains, dewatering, service wyes, manholes, construction of new lift stations and other minor items necessary to provide a complete project.	\$4,945,000	\$4,945,000	D	IV-A		Y	2013
18.10%	Carlsbad, City of	NM0026395	Project is to replace four existing sewer lift stations that are deteriorating and at the end of the service life. The project will include repairing any structural defects in the wet wells and replacing pumps, guide rails and electrical systems. The lift stations will be tied into the wastewater treatment plants new supervisory control and data acquisition (SCADA) system.	\$2,000,000	\$2,000,000	A,C,Y	III-B,IV-B		N	2009
18.10%	Peralta, Town of	N/A	Design and construction of wastewater collection and conveyance in the Town of Peralta and connection to the Bosque Farms (WWTP). To accommodate increased wastewater flows from Peralta, the Bosque Farms WWTP require upgrades including a second clarifier and sludge management. This project will eliminate an estimated 1420 individual septic tanks and 320,000 gallons per day of untreated domestic wastewater effluent dispersed to the shallow aquifer.	\$4,000,000	\$16,000,000	D	IV-A		Y	2013

Potential Green Project

RANK	COMMUNITY	NPDES NO. OR DP. #	DETAILED PROJECT DESCRIPTION	TOTAL AMOUNT REQUESTED	TOTAL PROJECT AMOUNT	ENFORCEABLE REQUIREMENT CODE(S)	NEEDS CATEGORY(IES)	POTENTIAL GREEN CATEGORY	ELIGIBLE FOR SUBSIDY?	IPPL YEAR APPLIED
17.65%	Eagle Nest, Village of	DP-1213	The project will expand the collection system to Leisure Estates with addition of approx. 2900 feet of new gravity sewer line, manholes, lift station, approx. 1600 feet of force main line and other items to finish installation. The project will expand the collection system to West Lake Subdivision with addition of approx. 13,700 feet of new gravity sewer line, manholes, lift station, and approx. 7100' of force main line and other items to finish installation.	\$1,672,000	\$1,672,000	D	IV-A,IV-B		Y	2012
17.65%	Red River, Town of	N/A	Plan, design and construct reduction of infiltration in manholes and collection system.	\$150,000	\$1,200,000	C,D	III-A		Y	2012
17.65%	Ruidoso, Village of & Downs	N/A	The WWTP has recently undergone major improvements. This follow-up study will assess the ways that the plant effluent can be used for non-potable applications such as irrigation for parks and golf courses.	\$350,000	\$350,000	D	XIII	Water Efficiency - Categorical	Y	2012
17.24%	ABCWUA - Carnuel	NM0022250	Connect Carnuel to the wastewater system that is operated and maintained by the ABCWUA. The existing wastewater service in Carnuel consists of individual septic tanks that are aging, poorly functioning and contaminating the groundwater supply for those who rely on wells for drinking water.	\$2,000,000	\$16,200,000	D	IV-A		N	2012
16.91%	Belen, City of	N/A	Eagle Park Reuse Plan - master landscape plan and do the work necessary to reduce water consumption, harvest storm water and utilize treated wastewater from their treatment plant.	\$750,000	\$750,000	Y	X	Green Infrastructure and Water Efficiency - Categorical	Y	2012
16.38%	Espanola, City of	NM0029351	Design and construct the rehabilitation of a wastewater lift station to ensure continued operation.	\$261,276	\$261,276	C,D	III-B		Y	2011
16.18%	Eunice, City of	DP-1612	Collection system PER to study and analyze the existing deteriorating system for upgrades and extensions.	\$125,000	\$175,000	D	XIII		Y	2013
15.52%	Rio Rancho, City of	NM0027987	Design and construct a new splitter box at Lift Station 10. This will allow the City to control the flows between WWTP1 and WWTP2.	\$1,000,000	\$1,000,000	C	III-B		N	2011
15.44%	Chama, Village of	N/A	Improvements to the WW Collection System on NM 17, Maple St., Terrace St., Pine St., and 7th St. consisting of pipe burst and existing clay pipe (approx. 15,000 ft.), reconnect existing sewer services, remove and replace asphalt pavement, rehabilitate approx. 50 manholes, replace approx. 10 manholes.	\$3,481,000	\$3,481,000	A	III-A,III-B		Y	2012
15.44%	Hagerman, Town of	DP-760	Project includes the replacement of 8-inch collection and transmission lines throughout the Town. Existing lines are deteriorating and the Town experiences blockage and sink holes. The replacement project would include replacing existing lines, manholes and reconnecting service lines.	\$3,291,000	\$3,291,000	C	III-B		Y	2009
14.71%	Red River, Town of	N/A	Plan, design and construct 300 ft. sewerline from Pineridge subdivision to 15 inch main.	\$115,000	\$115,000	C,D	IV-A		Y	2012
14.71%	Socorro, City of	DP-32	Expansion of wastewater collection system into areas not served by the system to include installation of gravity and force mains, dewatering, services, manholes, new lift stations and other minor items as necessary to provide a complete project.	\$4,945,000	\$4,945,000	Y	III-B,IV-A,IV-B		Y	2012
14.71%	Taos, Town of	DP-232	Construct 12,000 of 8" sewer line to include manholes and services for approximately 65 existing homes with the potential of 120 additional homes. The design for this project is complete and ready to bid out as soon as funding is available.	\$600,000	\$665,000	D	IV-A		Y	2012
14.71%	Zia, Pueblo of	N/A	A wastewater PER will identify infrastructure to support three sites identified in the Zia Enterprise Zone Masterplan. Site A (commercial use) will need facilities to collect, treat, and dispose of 50,000 gpd. Site B (low-impact development) would likely not need wastewater facilities. Site C (light industrial/office use) will need facilities to collect, treat, and dispose of 20,000 gpd.	\$44,425	\$44,425	B	XIII		Y	2012
13.24%	Cochiti Visitor Center	N/A	This project will provide wastewater and stormwater management facilities for the new visitors center to be built in 2011-2012 for the Tent Rocks National Monument. The wastewater facilities include a wastewater line to the Village sewer system, a tank, a lift station, valves, and associated connections. The stormwater facilities include a permeable surface parking lot for visitors.	\$483,000	\$673,000	C,Y	IV-B		Y	2012
13.24%	Edgewood, Town of	DP-1654	Planning, environmental documentation, design, construction and construction management to expand the Town's wastewater reuse system for sports field and landscape irrigation with respect to the distribution, transmission lines, pumps storage and appurtenances to conserve potable water.	\$1,132,000	\$1,132,000	D	XIII,X	Water Efficiency - Categorical	Y	2012
13.24%	Milan, Village of	N/A	Planning, design and construction of Motel Drive from Preston Street to Airport Rd., including sanitary sewer collection replacement.	\$500,000	\$2,500,000	D	III-B		Y	2013
12.93%	Belen, City of	NM0020150	The city has been replacing the lift stations as part of their asset management plan. The city requests additional funding to replace a failing lift station.	\$325,000	\$325,000	D	III-B		Y	2011
12.50%	Columbus, Village of	DP-1193	Roadway and drainage reconstruction, roadside drainage swales, and surface and culvert crossing storm water drainage facilities. All utilities require replacing or relocating prior to construction of needed drainage channel due to offset drainage coming the Tres Hermanas watershed and causing historical flooding.	\$994,095	\$1,034,095	D	VI,VI-D		Y	2013
11.76%	Santa Ana, Pueblo of	N/A	Capacity Expansion; Membrane Bioreactor Treatment - Headworks, Biological Nutrient Removal, MBR, Disinfection, Solids Handling /Disposal	\$8,750,000	\$17,500,000	D	I		Y	2013
11.76%	Santa Fe, City of	DP-289	Rehabilitation of sanitary sewer collection system thru pipe bursting, cured in place pipe or open trench rehabilitation methods. To meet EPA-CMOM requirements. NPDES permit, prevent sanitary sewer overflows and discharges to groundwater thru pipe leakage.	\$3,000,000	\$3,000,000	A	III-B		N	2012

Potential Green Project

<u>RANK</u>	<u>COMMUNITY</u>	<u>NPDES NO. OR DP. #</u>	<u>DETAILED PROJECT DESCRIPTION</u>	<u>TOTAL AMOUNT REQUESTED</u>	<u>TOTAL PROJECT AMOUNT</u>	<u>ENFORCEABLE REQUIREMENT CODE(S)</u>	<u>NEEDS CATEGORY(IES)</u>	<u>POTENTIAL GREEN CATEGORY</u>	<u>ELIGIBLE FOR SUBSIDY?</u>	<u>IPPL YEAR APPLIED</u>
11.76%	Tijeras, Village of	N/A	The Village is served almost exclusively by on-site WW disposal systems (septic tanks). Based local geology which includes fractured bedrock, it is desirable to collect WW in the Village and transport it through the existing facilities for treatment by the ABCWUA.	\$8,405,000	\$8,405,000	C	IV-A, IV-B		Y	2012
11.21%	Espanola, City of	NM0029351	Design and construct replacement of parts of the City sewer collection system that are obsolete.	\$89,463	\$89,463	A, D	III-B		Y	2011
8.46%	El Valle de Los Ranchos W&SD	N/A	El Valle proposes to construct approximately 18,235 lineal feet of 6", 8" and 10" diameter sewer main along with 114 sewer manholes and all related appurtenances. This project will provide sewer service to approximately 200 existing homes in the community of Ranchos de Taos.	\$1,750,000	\$1,750,000	D	IV-A, IV-B		Y	2013
8.46%	El Valle de Los Ranchos W&SD	N/A	El Valle proposes to engage its consulting engineer to prepare the design and bid documents for the Phase 2D sewer project. The project will consist of an estimated 18,000 lineal feet of sewer main.	\$300,000	\$300,000	D	IV-A, IV-B		Y	2013
7.35%	Valencia, County of	N/A	The County would like to complete a comprehensive assessment of the septic systems in order to develop a plan for wastewater discharge.	\$50,000	\$100,000	D	VII-E		Y	2013
5.88%	Tijeras, Village of	N/A	Planning, design and construction of continued phases of the Village's new wastewater collection system. Phase I is complete, with 11 houses served by pressure sewers and individual grinder pumps. Private septic tanks at these houses have been decommissioned; wastewater flows go to an ABCWUA facility. The Village's goal is to install a community-wide collection system that serves all residents of the Village, and provides services to outlying county residents.	\$850,000	\$8,000,000	D	IV-A		Y	2013
Total Potential Fundable Projects				\$304,306,486	\$403,595,986					
Potential Green Project Totals				\$40,614,369				Potential Subsidy Project Totals	\$194,433,451	

Potential Green Project