

**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 2014**

**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 (NMWWFCLA).

**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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<b>Points</b>	<b>COMMUNITY</b>	<b>NPDES #</b>	<b>DP. #</b>	<b>PROJECT DESCRIPTION</b>	<b>TOTAL AMOUNT REQUESTED</b>	<b>TOTAL PROJECT AMOUNT</b>	<b>NEEDS CATEGORY</b>	<b>POTENTIAL GREEN CATEGORY</b>	<b>ELIGIBLE FOR SUBSIDY?</b>	<b>IPPL YEAR APPLIED</b>
300	Socorro, City of	NM0028835	DP-32	Install a new Duperon mechanical bar screen at the Wastewater Treatment Plant.	\$260,500	\$260,500	I, III-B	Energy Efficiency	Y	2014
295	San Juan, County of			Install a new wastewater collection system to collect and convey Flora Vista's wastewater and abandon septic tanks and regionalize with the City of Farmington to ultimately treat and dispose of the wastewater. The new collection system will be a combination conventional gravity sewer and a low pressure sewer system. An interceptor will convey the wastewater to the City of Farmington's sewer system.	\$9,100,000	\$9,100,000	III-A, III-B, IV-A, IV-B, VII-E		Y	2014
280	Socorro, City of	NM0028835	DP-32	Install a new metering manhole with a Parshall flume and ultrasonic flow meter. The new metering manhole will be located at the same location as the existing manhole. The metering manhole will be a fiberglass manhole with a built-in Parshall flume.	\$94,200	\$94,200	I, III-B		Y	2014
280	Socorro, City of	NM0028835	DP-32	Isolate the blowers for each SBR basin, and install DO probes in each basin to provide automated feedback to the blowers to adjust aeration requirements. Modify the Blower Headers and air piping to allow for energy conservation by slowing down or turning off a blower, when the process does not require aeration.	\$399,000	\$399,000	I, III B	Energy Efficiency	Y	2014
270	Farmington, City of	NM0020583		Construct one additional activated sludge basin and final clarifier, solids handling facility for sludge thickening and dewatering and convert the chlorine disinfection to UV disinfection along with ancillary equipment for those facilities. Once the new facilities are constructed, the existing aeration basin can be drained and the diffusers replaced. The City also needs to rehab the existing clarifiers. The improvements will increase the reliability of the WWTP and provide additional redundancy for maintenance.	\$10,000,000	\$10,000,000	I	Environmentally Innovative, Energy Efficiency	N	2014
265	Angel Fire, Village of	NM0030503	DP-156	Upgrades to the Angel Fire WWTP needed include wall-mounted basic submersible mixers, mixer controls and new system controls. These improvements will improve the reduction of total nitrogen levels and allow the system to operate in compliance.	\$310,000	\$310,000	I, II, III-B		Y	2014
265	Angel Fire, Village of	NM0030503	DP-156	Retrofit the existing mechanical bar screen with an auger style screening mechanism which will improve the quality of sewage going into the wastewater treatment plant. This unit includes a heating unit to prevent freezing of the influent.	\$260,500	\$260,500	I		Y	2014
265	Angel Fire, Village of	NM0030503	DP-156	The Village proposes to replace the existing ultraviolet disinfection equipment with modern equipment that is reliable, is readily serviceable and has replacement parts available.	\$322,000	\$322,000	I		Y	2014
265	Los Lunas, Village of	NM0020303	DP-1053	The Los Lunas MBR WWTP includes four basins that each contain nine membrane cassette modules. The WWTP was designed so that simply adding another layer of the membrane cassette modules in each basin would double the treatment capacity from 0.9 million gallons per day (mgd) to 1.8 mgd. The project would add this additional layer of membrane cassette modules. The additional treatment capacity will relieve many of the current operational stresses from the Village and allow for continued growth and development.	\$1,910,000	\$1,910,000	I		Y	2014
235	Rio Rancho, City of	NM0027987	DP-215	The City of Rio Rancho will retrofit and/or rebuild WWTP1 into an MBR facility that will allow the city to treat the water to a very high quality effluent.	\$11,558,122	\$11,558,122	Planning, I, II		N	2014
230	Albuquerque Bernalillo County Water Utility Authority	NM0022250	DP-1308	The project consists of planning, designing, and construction of Phase 1 of the collection system to serve Carnuel. This system will discharge to the existing force main along NM 333 through the center of Carnuel. The construction of a comprehensive sewer collection system in Carnuel will improve the health and safety of residents.	\$1,800,000	\$1,800,000	IV-A		N	2014
230	Rio Rancho, City of	NM0027987	DP-215	Construct a septic dump station at the wastewater treatment plant where commercial septic tank haulers can discharge septage into the sewer system in a safe and responsible way.	\$3,174,780	\$3,174,780	I, IV-A		N	2014
215	Corrales, Village of			Expansion of the collection system to allow connection by homes that may not have an adequate lot size or other issues that make septic systems unreliable.	\$5,000,000	\$8,182,000	IV-A, VII-E, VII-I		Y	2014
215	Deming, City of		DP-209	Upgrade the existing WWTP. The next four steps are planned to strengthen necessary processes: organic conversion, nitrification, denitrification, and sludge handling [separation, storage, and digestion] to bring the effluent into consistent compliance. The steps are: Increase dissolved oxygen in the aeration basin by adding aerators; Reduce feedback of organics into the water column by pumping sludge to holding; Reduce breakthrough organics and strengthen nitrification with extra bio-filtering. Provide for denitrification by creating an anoxic selector. The steps will bring the plant into permit compliance.	\$1,744,060	\$1,744,060	I, II, VII-E		Y	2014
215	Lower Rio Grande Public Water Works Authority		DP-1036	Upon completion of the connection of the Lower Rio Grande Mesquite wastewater system to the Dona Ana County South Central Treatment Facility, decommission the existing wetlands treatment facility per the discharge permit.	\$873,381	\$9,805,719	VII-E		Y	2014
215	Santa Fe, City of	NM0022292	DP-135	Rehabilitate existing sanitary sewer lines identified as damaged by utilizing trenchless rehabilitation technology such as pipe bursting and cured in place pipe methods.	\$3,000,000	\$3,000,000	III-A, III-B		N	2014

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210	SSCAFCA	NMR04000		The Lomitas Negras Arroyo storm water 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, which 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	\$2,750,000	III-A, VI	Green Infrastructure	Y	2014
210	SSCAFCA	NMR04000		SSCAFCA has completed a conceptual design evaluating the application of a technique called "off-channel" storage on the Venada Arroyo. As part of their USEPA Clean Water Act MS4 storm water permit, SSSCAFCA is required to implement best management practices to reduce the volume of sediment reaching the Rio Grande. This facility would improve storm water quality by providing for sediment removal and assist SSSCAFCA in maintaining compliance with federal standards. Using grade control structures, the "first flush" storm flows will be diverted into detention basins alongside the main arroyo channel. These basins will capture 100% of the first flush water, which has been proven to be the most contaminated flows. The first flush of sediment will also be captured in a single location, reducing maintenance costs. Each off channel detention facility is smaller than a traditional dam and will remove a greater level of contamination while allowing the arroyo channel to remain natural except for the addition of grade control structures. This design will also allow a greater infiltration of storm water, promoting water harvesting during the drought cycle.	\$2,000,000	\$2,500,000	III-A, VI	Green Infrastructure	Y	2014
210	SSCAFCA	NMR04000		This detention facility, which will reduce peak storm flows, is a part of the Black Arroyo Open Space Master Plan. Seventy acres of land surrounding the Black Arroyo and incorporating the facility are being set aside by SSSCAFCA as permanent open space and habitat protection. The facility will be an unlined detention basin, which will contain a grow-out facility for usage by the City of Rio Rancho Parks and Recreation Department, a collaboration with SSSCAFCA, to grow trees to plant in parks around the city. The grade control structures will incorporate water harvesting features, such as wildlife drinkers and native vegetation.	\$2,000,000	\$2,500,000	III-A, VI	Green Infrastructure	Y	2014
200	San Juan, County of		DP-1116	A new collection sewer system consisting of 8-inch gravity sewer lines and precast concrete manholes to serve the Valley Acres subdivision will be designed and constructed. Phase 1 of the project is under design which includes decommissioning the existing lagoon and constructing a new sanitary sewer lift station and forcemain and regionalizing with the City of Farmington. The wastewater from this project will eventually reach the City of Farmington's collection system where it is ultimately treated and disposed of at the Farmington Wastewater Treatment Plant. This is Phase II	\$1,500,000	\$1,500,000	III-A, III-B, IV-A, VII-E		Y	2014
175	Grants, City of	NM0020737	DP-695	Replace existing blowers at the WWTP with new high efficiency blowers to decrease power consumption and reduce maintenance demands.	\$360,000	\$360,000	I	Energy Efficiency	Y	2014
175	Roswell, City of	NM0020311	DP-291	Replace the existing influent pumps at the WWTP with more suitable pumps to withstand the corrosive environment while utilizing as much of the existing infrastructure as possible. Replacing the screw pumps will improve the reliability of the influent pump station. The headworks screen is proposed to be replaced with a new fine screen and washer compactor. The fine screen will remove finer material from the wastewater which will help protect the process equipment downstream.	\$2,020,000	\$2,020,000	I	Energy Efficiency	N	2014
170	Tijeras, Village of			The Village's goal is to install a community-wide collection system that serves all residents and provides services to outlying county residents. This project which is Phase II will provide service to approximately 35 residents in 11 households. As with Phase I, private septic tanks will be decommissioned and wastewater flows will go to an ABCWUA facility.	\$850,000	\$850,000	Planning		Y	2014
165	Red River, Town of	NM0024899	DP-268	This project will replace the existing rotating biological contactors (RBC's) and associated bearings in the Town's wastewater system treatment plant.	\$2,200,000	\$2,200,000	I		Y	2014
165	Red River, Town of	NM0024899	DP-268	The proposed project is to replace the existing pre-fabricated asphaltic liners with a new liners in the sludge drying beds. This project will protect the groundwater, surface water and public water supply (including irrigation).	\$1,200,000	\$1,200,000	I		Y	2014
165	Red River, Town of	NM0024899	DP-268	Rehabilitation of the existing sewer collection system to mitigate an existing infiltration and inflow problem. Work will include sealing manholes, collection lines will be repaired or replaced as necessary and sewer collection taps will be repaired.	\$1,200,000	\$1,200,000	III-A		Y	2014

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155	Gallup, City of	NM0020672	DP-1342 & DP-418 (SL)	Sewer interceptor lines will be upsized and extended. Treatment will be split between a scalping facility and a full-treatment facility. Phase A includes converting the existing Gallup plant to a scalping facility (producing 2.0 MGD reusable effluent), installing two parallel sewers from the Gallup to the Defiance crossroads (4 miles west of the current plant), and building a sludge digestion and dewatering complex at Defiance. One sewer will be small and carry primary and secondary sludge. The other will be large and carry excess sewage, while intercepting new flows. Subsequent phases will include upsizing additional interceptor reaches and increasing the capacity of the Defiance facility. Phase A= \$9.1 Million construction cost. Total Project construction cost= \$37 Million.	\$655,000	\$655,000	Planning	Energy Efficiency	N	2014
155	Las Vegas, City of	NM0028827	DP-494, DP-1118	Replace existing sewer mains using PVC pipe either through trench or trench less technology.	\$2,000,000	\$2,000,000	III-A, III-B		Y	2014
155	Rio Rancho, City of	NM0027987	DP-215	Construction a sewer collection line to give the commercial/industrial area access to the municipal sewer system protecting groundwater from possible contamination.	\$359,553	\$359,553	Planning, I, IV-A		N	2014
150	Grants, City of	NM0020737	DP-695	This project includes adding liners to the existing wastewater effluent storage lagoons to prevent leakage or related wastewater improvements to reduce impacts to water quality or volume through leakage from the effluent ponds.	\$5,000,000	\$5,000,000	I	Water Efficiency	Y	2014
135	Silver City, Town of	NM0020109	DP-35	The Town of Silver City is proposing to install a belt filter press to mechanically dewater the sludge and allow for the daily wasting of sludge to optimize plant operation. This will also allow operators to dispose of sludge during the winter months when drying times are longer.	\$400,000	\$400,000	I		Y	2014
130	Las Vegas, City of	NM0028827 - NM0030341	DP-494, DP-1118	This project will expand the City's reclaimed water distribution to provide water to Zone 2. It will also provide a valuable storage area and allow the City to complete a gravity distribution system. This project will not only benefit the City of Las Vegas but also the New Mexico Behavioral Health Institute, Luna Community College, West Las Vegas Schools and the Las Vegas City Schools.	\$720,000	\$720,000	VII-I, X	Water Efficiency	Y	2014
125	Peralta, Town of			Design of the Peralta grinder pump wastewater collection system.	\$10,000,000	\$10,000,000	IV-A, VII-E		Y	2014
120	El Valle de Los Ranchos			Phase 2D of the El Valle wastewater collection that will convey all wastewater to the Town of Taos wastewater treatment plant.	\$2,000,000	\$2,000,000	IV-A, VII-E		Y	2014
120	El Valle de Los Ranchos			Phase 2C of the El Valle wastewater collection that will convey all wastewater to the Town of Taos wastewater treatment plant.	\$1,750,000	\$1,750,000	IV-A, VII-E		Y	2014
115	Las Vegas, City of	NM0028827 - NM0030341	DP-494, DP-1118	The City of Las Vegas is looking to expand its reclaimed water distribution lines from Columbia Street to North Grand Avenue and then from North Grand Avenue to Legion Drive in order to provide reclaimed water to Zone 2. This will allow the City to loop its reclaimed water distribution system and benefit not only the City but local schools.	\$1,000,000	\$1,000,000	X	Water Efficiency	Y	2014
115	Las Vegas, City of	NM0028827 - NM0030341	DP-494, DP-1118	This project will expand the City's reclaimed water distribution to provide water to the Camp Luna reclaimed water storage ponds that will feed Zone 2. It will provide valuable storage capacity and allow the City to complete a gravity distribution system. This project will benefit all areas north of Mills Ave.	\$500,000	\$1,402,000	VII, X	Water Efficiency	Y	2014
110	Edgewood, Town of		DP-1654	Planning, design and construction to expand the Town's wastewater reuse system for sports fields and landscape irrigation including the distribution, transmission lines, pump station, storage, and appurtenances to conserve potable water.	\$1,132,000	\$1,132,000	II, VII-I, X	Water Efficiency	Y	2014
110	Hagerman, Town of		DP-760	This project will repair existing wastewater treatment lagoons. It will include removal and disposal of sludge from existing lagoons, reline lagoons, replace the aerators, electrical system and put in place a new disinfection system. It is anticipated the lagoons will produce a Class 2 effluent that will be used for irrigation of seed crop for animals.	\$3,253,700	\$3,253,700	II, III-B, IV-A, IV-B, V, VII-E		Y	2014
110	Tesuque, Pueblo of			Construct new properly sized septic tank on the north end of project area. Include a bar screen in the headwork's vault. Construct septic tank effluent force main with pumping/gravity combined conveyance to existing wastewater treatment system. Make improvements to wastewater treatment system to provide for denitrification recirculation for improved nutrient removal. Connect administration collection system, provide connection facilities for new low income housing at the midpoint of the new wastewater system, construct reclaimed water distribution with collection to return treated effluent for water reuse.	\$2,071,350	\$2,424,350	I, IV-A, IV-B, VII-E, VII-L, X	Water Efficiency	Y	2014
105	Rio Rancho, City of	NM0027987	DP-215	The project consists of design and construction of a new warehouse with additional equipment storage space, laboratory, and office complex at WWTP2. Project includes land acquisitions for site expansion.	\$3,000,000	\$3,000,000	Planning		N	2014
100	Hagerman, Town of		DP-760	Replacement of 8 inch collection and transmission lines within the Town of Hagerman.	\$1,200,000	\$1,538,301	IV-A, IV-B		Y	2014
100	Socorro, City of	NM0028835	DP-32	This project includes subsurface storm drain sewer piping and manholes in addition to surface concrete and asphalt to direct runoff to existing box culverts and concrete lined channels constructed during previous projects. These facilities will alleviate the flooding of roads and residents that reside in the area; will reduce the transport of sediment to downstream waterways and will reduce erosion.	\$1,313,237	\$1,313,237	VI		Y	2014

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80	Alamogordo, City of		DP-220	Process upgrades to the solids handling units including upgrades to the digester basins, new digester aeration system, sludge drying bed and belt press improvements and other miscellaneous upgrades at the water reclamation facility. Reuse system expansion including additional pumping and storage capacity and extensions to the non-potable irrigation system.	\$2,500,000	\$2,500,000	I, X	Energy Efficiency, Water Efficiency	N	2014
80	Grants, City of	NM0020737	DP-695	Install storage tank for storm water harvesting and reuse in facility operations/wash-down. Restoration of wetlands and storm water conveyance by Terran, modifications to wetland areas.	\$82,500	\$82,500	VI	Green Infrastructure	Y	2014
60	Cochiti, Pueblo of			The funding will pay for the construction of a 6,000-foot sewer line to connect from the Visitor Center site to the village system. The design of the route has been completed and the requested funds are to be used to match \$849,000 in federal funds for phase 1 which includes a building, water extension, driveways, entrances, parking, and other infrastructure.	\$325,000	\$425,000	IV-A, VII-E		Y	2014
60	Eunice, City of		DP-1612	A Collection System Preliminary Engineering Report will evaluate the system and identify cost-effective solutions.	\$125,000	\$125,000	Planning		Y	2014
40	Tohatchi Chapter			To clean the bottom of the lake.	\$1,000,000	\$1,000,000	VII-K		Y	2014
15	Alamogordo, City of		DP-220	The Army Corps of Engineers have a plan and are in the seventh phase of that plan to create drainage alternatives to capture the excess water and divert the run off to the basin. Each budget season the Army Corps revise their budget and forecast the next phases and the required funding from the city annually. The city matches the federal grants received from the Army Corps at 25%.	\$4,000,000	\$19,000,000	VI,		N	2014
				Total Potential Fundable Projects	<b>\$109,523,883</b>	<b>\$140,081,522</b>				
				Potential Green Project Totals	<b>\$21,134,500</b>			Potential Subsidy Project Totals	<b>\$67,456,428</b>	