Texas Water Development Board SFY 2020 Drinking Water State Revolving Fund Intended Use Plan

Appendix J. Project Priority List	t - B	y Rank
-----------------------------------	-------	--------

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Publi	Water S	System											
1	584	13063	Millersview-Doole WSC	W	TX0480015	3,579	Treating well water at the source and blending with surface water. The project includes additional water system improvements	PDC	\$2,300,000.00	70%			
2	150	12978	Menard	М	TX1640001	1,471	Major rehabilitation, additions and modifications to the surface water treatment plant and raw water wells to address groundwater under the influence.	DC	\$4,000,000.00	30%			
3	144	13038	Sandbranch Development & WSC	W	Pending	190	Install a water system to an existing development	Р	\$230,000.00	70%			
4	130	12975	Toyah	М	TX1950004	300	Improve 1939 era sedimentation cone at the Toyah Surface Water Treatment Plant	PDC	\$300,000.00				
5	115	13026	Carbon	М	TX0670015	272	The project consists of pump station improvements to increase the storage and pumping capacities to meet compliance. The project also consists of installing a SCADA System and a radio read metering system	PDC	\$700,000.00	70%	Yes-BC	\$700,000.00	
6	114	13059	Gladewater	М	TX0920001	6,541	Upgrades to existing elevated storage tank, waterlines, and pressure maintenance facilities.	PDC	\$2,776,980.00				
7	84	12990	North Alamo WSC	W	TX1080029	180,000	This project implements recommendations resulting from the North Alamo Water Supply Corporation Title XVI Energy-Efficient Brackish Groundwater Desalination Feasibility Study. Specifically, the project will increase brackish groundwater desalination production capacity by 1 MGD by means of an innovative energy-efficient desalination process reliant on nano-filtration membranes. Additionally, existing reverse osmosis trains will be retrofitted to nano-filtration trains which will also increase production while reducing desalination energy requirements by 50 percent for a total system energy reduction of 32 percent.	ADC	\$6,840,000.00	30%	Yes-BC	\$4,900,000.00	
8	78	13062	Madera Valley WSC	W	TX1950006	1,983	The addition of a Regional Surface Water Treatment Plant with the goal of providing potable water to Rural Reeves County and the consolidation of the water supplies for the Madera Valley WSC, City of Balmorhea and City of Toyah.	PADC	\$4,715,000.00				
9	65	12967	Quitaque	М	TX0230002	411	Electro-Dialysis Reversal Water (EDR) Treatment Plant to remove nitrates out of the water.	PDC	\$1,300,000.00	50%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	C Water S	System											
10	62	13114	Victoria Co WCID # 1	D	TX2350001	2,059	The Victoria County WCID No. 1 is seeking funding to address issues that have present in the districts water system including Arsenic present in one of the active water wells. The existing well has been studied significantly and monitored frequently including rehabilitation of the well in an attempt to provide safer water to the public. This project will consist of drilling a test well and new public water well at a new site in order to satisfy an agreed order issued by the TCEQ on December 04, 2018.	PADC	\$690,000.00	30%			
11	56	13129	Alice	М	TX1250001	19,439	All planning, engineering, environmental, and permitting will be completed in Phase 1 or this project. Phase II will be Construction of a 3.0 million gallon per day brackish desalination plant, one 3 mgd brackish well, building, yard piping, well construction lines and concentrate discharge line.	С	\$12,715,000.00	30%			
12	54	12973	Wright City WSC	W	TX2120027	1,242	Filter out TTHM Precursors to control TTHM's.	AC	\$250,000.00		Yes-BC	\$250,000.00	
13	48	13050	Miles	М	TX2000002	870	The City of Miles (City) proposes to pursue development of an alternative source of water supply to complement its current wholesale water supply. The City needs to identify and evaluate alternative water supply options including development of additional surface water or groundwater supplies as well as potential treatment of its existing groundwater to reduce nitrate and dissolved solids levels to within compliance.	Р	\$200,000.00		Yes-BC	\$200,000.00	
14	47	13115	Rowena WSC	W	TX2000004	480	This project will reduce TTHM levels to gain compliance with the Stage 2 DBP Rule.	PDC	\$4,140,000.00		Yes-BC	\$4,140,000.00	
15	44	12985	Wright City WSC	W	TX2120099	1,989	Filter out TTHM's	С	\$250,000.00		Yes-BC	\$250,000.00	
16	44	13211	Rotan	М	TX0760002	1,477	Install 14 miles of new 12" PVC water line to replace existing dilapidated cast iron water line. Existing cast iron line suffers from corrosion issues, high water loss, occasional interruption of service due to needing repairs, high chlorine demand from iron bacteria growth, and disinfection residual issues.	PADC	\$5,200,000.00	50%	Yes-BC	\$5,200,000.00	
17	40	13086	San Angelo	М	TX2260001	100,450	To achieve the needed Phase II design production rate of 12,000 acft/yr (10.7 MGD), the City's wellfield, collection system, transmission line, and GWTP will be upgraded to ensure the production rate can reliably be achieved.	С	\$61,697,360.00				

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
18	39	13141	Annona	М	TX1940004	463	In October 2018, Riverbend WRD completed a Regional Water Master Plan Study (Study) funded through the TWDB that focused on Riverbend WRD's participating entities located within Bowie, Cass, and Red River Counties. The Study evaluated several alternatives with a final recommendation of constructing a new regional water system, as noted in the Riverbend Strategy (2016 Region D Water Plan), which includes the following for the first phase: a new raw water intake structure (60 MGD) with a deeper invert elevation in Wright Patman Lake, a new raw water pump station (designed for 60 MGD, initially constructed for 30 MGD), raw water transmission pipeline (54-inch diameter) for both industrial and domestic use, 2 MG elevated storage tank, and a new 25 MGD water treatment plant. TWU's New Boston Road WTP and existing raw water conveyance system (i.e. intake, raw water transmission line, etc.) would be decommissioned.	ADC	\$400,000.00		Yes-BC	\$140,000.00	
19	35	13102	Presidio County WID #1 dba Redford Water	D	TX1890012	82	Evaluate alternatives and construct best option to resolve the Arsenic MCL violation. Alternatives include possible additional well, blending with existing sources, or pilot testing and construction of arsenic removal treatment to meet primary drinking water standards. An asset management plan will be developed.	PDC	\$300,000.00	70%			
20	25	12993	Newton	М	TX1760004	338	The proposed project will install waterline and upgrade the interim storage and booster system to allow a sustained 35 psi minimum pressure throughout East Newton's service area and lifting of the boil water notice. Waterlines will be constructed from the City's existing 8" main to WSC's existing water plant and the old lines along this route will be abandoned.	DC	\$500,000.00	50%			
21	23	13074	Breckenridge	М	TX2150001	5,800	The City desires to install improvements/upgrades at the WTP and raw water intake structure. In addition, the City is planning to rehabilitate various portions of the distribution system in order to reduce the number of water line leaks/breaks that have resulted in numerous boil water notices.	PDC	\$3,546,000.00	30%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
22	23	12998	Evadale WCID # 1	D	TX1210011	963	Evadale WCID#1 has recently lost part of its production wells due to mechanical failure. This project will provide additional production capacity and replace deteriorated distribution lines.	PADC	\$3,220,593.00		Yes-BC	\$200,000.00	
23	21	13106	Richland Springs	М	TX2060002	350	replacement and upgrade of 25 miles of pipeline	PDC	\$3,695,000.00	70%			
24	21	13092	Paducah	М	TX0510001	1,186	The proposed project includes replacement of sections of the aging and inefficient distribution system; replacement of the main transmission line that transports the water from Paducah's well field to town; replacement of two sand traps that capture sand produced from the City's wells and keep it from entering the distribution system; and rehabilitation of the three ground storage tanks at the well field to stop the corrosion that is prevalent on each of the three tanks.	PDC	\$3,418,000.00	50%			
25	21	13073	Vernon	М	TX2440001	10,874	Install a new 16 mile 24" PVC pipeline.	PADC	\$11,000,000.00	30%	Yes-BC	\$11,000,000.00	
26	20	13127	Dario V. Guerra III dba Derby Ing.	W	TX0820016	140	Construct a new well at a suitable location to provide an alternative source and to build redundancy in the system.	С	\$420,000.00	70%			
27	20	13128	Elsa	M	TX1080005	7,135	Improvements to the water treatment plant, replacement of obsolete/substandard equipment, replacement of asbestos distribution lines and refurbishing water storage tanks to eliminate current substandard conditions and prevent further deterioration resulting in costly repairs and maintenance.	С	\$4,295,486.00	50%			
28	18	13066	Anthony	М	TX0710001	3,500	The Town of Anthony will need to construct a 250,000 gallon elevated water tank, rehabilitate existing water wells, replace booster stations, address leaking water lines, install a chlorination control system, replace meters and build arsenic treatment plant in order to provide enough adequate water to the residents.	С	\$7,122,444.00	30%			
29	16	13095	JRM Water, LLC	Р	TX2350036	405	Water Plant Improvements	DC	\$408,000.00				
30	16	13123	Jacksboro	М	TX1190002	4,450	The City of Jacksboro's existing WTP has reached the end of its useful life and requires replacement.	PDC	\$12,163,000.00	50%			
31	15	13107	Pharr	M	TX1080009	76,727	The City of Pharr currently has multiple projects that need to be corrected due to deficient within the Water Treatment Plant per TCEQ requirements. City of Pharr also has to acquire property to expand the Raw Water Reservoir to comply with the storage requirements by TCEQ. In addition, the city needs to extend a Water Transmission Main to supply water to the Eldora Elevated Storage Tank.	PADC	\$17,312,000.00	30%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
32	15	13116	Shamrock	М	TX2420001	1,933	Shamrock desires to re-drill two wells in their North Well Field, replace the transmission pipeline that carries water from the North Well Field to the distribution system, replace ground storage tanks in both the West and North Well Fields, replace the existing distribution system and construct a new elevated storage tank.	PADC	\$34,680,860.00		Yes-BC	\$21,365,120.00	
33	15	13085	G-M WSC	W	TX2020067	11,249	Remove existing meters and replace with radio read meters.	PDC	\$1,805,160.00	50%	Yes-BC	\$1,805,160.00	
34	14	13143	Coke County WSC	W	TX0410017	346	Replace existing meters in distribution system with new AMR drive-by system. Add isolation valves and flush valves to existing distribution lines to allow isolation of line segments for future line repairs and improvements. TCEQ Financial, managerial, & technical assistance (FMT) is currently scheduled to address asset management for this water system.	PDC	\$300,000.00	50%	Yes-BC	\$300,000.00	
35	14	13105	Reno	M	TX1840049	2,650	Design and construction of a new 1.0MG elevated storage tank and onsite well to fill the tank. SCADA will be included to monitor the hydraulics and fill rates. A master plan which includes an asset management plan will be developed to prioritize the system needs. Water line improvements will also be included in the project.	PDC	\$16,760,000.00		Yes-BC	\$13,500,000.00	
36	14	13043	Mertzon	M	TX1180002	700	As a result of the recent historic ongoing drought, the City's water supply is still depleted. The City currently has five (5) functional groundwater wells (of the original eight), caused by continual pumping during the ongoing drought, and is in the process of obtaining approval for a new sixth well. The City has observed a steady decrease in production from its wells over the past several years, to the point that three of the original eight wells are essentially "dry" at this time. As the water supply has dwindled, the quality of the water no longer meets secondary drinking water quality standards. In order to support current water supply needs with water that meets current drinking water quality standards, the City of Mertzon is pursuing implementation of a major project to install a treatment system to address the City's groundwater quality issues.		\$2,797,000.00		Yes-BC	\$2,797,000.00	
37	14	13002	Gordon	М	TX1820007	744	Water Line Replacements.	PDC	\$900,000.00	50%	Yes-BC	\$900,000.00	

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
38	14	13041	Crosbyton	М	TX0540001	2,083	The City of Crosbyton proposes to replace specific valves and fire hydrants to improve performance of its distribution system.	PDC	\$707,000.00	50%	Yes-BC	\$707,000.00	
39	14	13044	Roma	М	TX2140007	18,903	The City is addressing the need for Phase I (4 MGD) of a new water treatment plant (WTP) to serve City of Roma residents and fully comply with all water treatment regulations. The City's existing WTP was partially rehabilitated in the late 1990s and has reached the end of its useful life and requires replacement.	PADC	\$22,279,000.00	70%	Yes-BC	\$22,280,000.00	
40	13	13212	Santa Anna	M	TX0420002	1,099	Water service to customers is always an important subject in a city's utility needs. TCEQ has set standards for minimum water line pipe sizes and the number of service connections that can be run from these lines. Aging infrastructure is also a factor when looking at water lines and can make them vulnerable to leaks and failures. The City of Santa Anna is pursuing the implementation of upsized water lines to ensure all TCEQ regulations are met and to better serve customers that are connected to these water lines.	PDC	\$850,000.00	50%	Yes-BC	\$850,000.00	
41	13	13075	Eden	М	TX0480001	1,228	The City desires to install improvements at the water supply well sites and to install a redundant cooling tower for operational flexibility.	PDC	\$2,219,000.00	50%			
42	13	13094	Bartlett	М	TX2460006	1,623	Water meter replacement	PDC	\$747,000.00	30%	Yes-BC	\$430,500.00	
43	13	13071	Stephens Regional SUD	D	TX2150007	3,173	SRSUD is proposing to increase the operational flexibility at the WTP by increasing the capacity of the MF Filters with the installation of a new pre-treatment chemical system, construction of solids handling improvements, and reduction and in the amount of concentrate produced in the RO system with the installation of concentrator skid. Additionally, this project includes improvements in the existing distribution system to address pressure concerns during periods of high use and allow the existing system to provide service for the future growth in the area and demand for water service within the existing CCN. The proposed project also includes the installation of an AMR system in the existing distribution system to allow for more accurate meter readings and advanced leak detection.	PDC	\$8,713,568.00	50%	Yes-BC	\$8,713,568.00	
44	13	13117	Stephens Regional SUD	D	TX2150007	3,173	SRSUD is proposing water system improvements to address growth in the distribution system by expanding the distribution system to areas which are currently unserved.	PDC	\$22,346,840.00	70%	Yes	\$22,346,840.00	

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
45	13	13112	Richwood	М	TX0200035	6,000	Adding a water plant to increase water pressure and service capacity	DC	\$3,546,200.00				
46	13	13096	Wharton	M	TX2410005	8,756	The City has a history of high water loss and frequent leaks/outages in a number of areas that still have old 2" waterlines. These lines are also too small to provide any fire protection or allow the City to place fire hydrants in these older subdivisions. After completion of planning, environmental, and design the City intends to replace the 2" steel waterlines with 8" PVC waterlines improving water quality, reducing leaks/outages, and providing fire protection.	PDC	\$1,046,900.00	30%			
47	13	13080	Sweetwater	M	TX1770002	11,760	The proposed project includes replacement of existing membrane system trains, raw water pump replacement, water line replacement, ground storage tank painting and electrical improvements.	PDC	\$2,644,500.00	30%			
48	13	13133	Melvin	М	TX1540003	178	This project involves the rehab of existing GSTs and the replacement of old existing water line with 6" WL. This project will assist the city with water loss.	PDC	\$200,000.00	50%			
49	13	13101	Streetman	М	TX0810016	241	The City currently has 3 active wells producing approximately 50 gpm each. The City desires replace the wells with purchased treated water from Winkler WSC to replace the groundwater wells. Additionally the City desires to improve the distribution system along the I-45 corridor to provide better service to existing customers.	PADC	\$1,900,250.00	50%			
50	13	13137	Oakmont Saddle Mountain WSC	W	TX1930015	324	Construct well #4 - Funds are being requested to construct the water-tight concrete basin. Installation of the pump and associated piping, electrical, and all appurtenances. Authorization to construct this spring water source well was issued by the TCEQ letter dated; October 24, 2014.	PDC	\$425,700.00	50%			
51	13	13109		М	TX067005	1,038	Make repairs necessary to ground storage tank including new roof latch, water level indicator, vent, and clean out sediment from tank. Replace items at pump station. Install chlorine leak alarm, add SCBA protection equipment and repair chlorine building. Reduce water loss through installation of new metering system.	PDC	\$300,000.00	30%	Yes-BC	\$180,000.00	
52	13	13124	Union WSC	W		6,534	UWSC is in need of expanding their 1.5 MGD to 2.5 MGD	Р	\$132,000.00	70%			
53	13	13125	Mexia	M	TX1470004	7,425	Replacement of an existing 1.5 million gallon ground storage tank at the Highway 84 pump station.	PDC	\$2,795,550.00	70%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
54	12	12962	Valentine	М	TX1220002	200	New groundwater well adjacent from existing well at Bell and 6th Street.	DC	\$769,850.00	50%			
55	12	12979	Madera Valley WSC	W	TX1950006	1,983	The installation of five additional wells and a transmission line from the well field to near the south boundary of the Town of Pecos City.	PADC	\$30,305,000.00				
56	12	13070	Slaton	М	TX1520004	5,800	The City of Slaton is proposing the installation of an AMI system throughout their distribution system as well as the installation of a new elevated storage tank.	PADC	\$3,957,000.00	30%	Yes	\$3,938,000.00	
57	11	12970	Littlefield	М	TX1400003	6,454	Replace existing main well field transmission line.	PDC	\$10,988,710.00	30%			
58	11	13099	Los Fresnos	M	TX0310004	6,376	The City of Los Fresnos Drinking Water State Revolving Funds Project 62627 needs are to increase the water treatment plant capacity to meet future water demands while ensuring minimum disinfection requirements are met. The project will also need to address the Corrective Action Plan (CAP) resulting from the mandatory Comprehensive Performance Evaluation (mCPE) performed on September 2016 in response to a violation of TCEQ standard 290.104 (g) (1) (relating to Maximum Contaminant Levels, Maximum Residual Disinfectant Levels, Treatment Techniques, and Action Levels).	С	\$3,627,000.00		Yes-BC	\$745,000.00	
59	11	13089	Midland	М	TX1650001	132,950	The City desires to install improvements to expand water system capacity in the northeastern portion of the City.	PAD	\$958,000.00				
60	10	13138	Harrold WSC	W	TX2440002	141	Replace existing 4" AC supply line with PVC line.	PDC	\$300,000.00				
61	10	13132	Tom Green Co FWSD # 2	D	TX2260004	404	Water Treatment Plant - New turbidity ad chlorine meters; new high service pump. Well System - Rehabilitating of existing wells to increase yields in the three wells.	PDC	\$300,000.00	50%			
62	10	13021	Paint Creek WSC	W	TX1040017	690	Construct a hydropneumatic pump station with a 60,000 gallon ground storage tank and 6,000 gallon pressure tank.	PADC	\$300,000.00				
63	10	13110	Zavalla	М	TX0030030	712	Replace existing ground storage tanks	PDC	\$145,775.00	30%			
64	10	13025	Lone Oak	М	TX1160006	786	The City of Lone Oak is experiencing issues with various water lines in their system due to undersized lines and deadends.	PDC	\$500,000.00		Yes-BC	\$500,000.00	
65	10	13103	Richland SUD	D	TX1540008		adding and replacing lines in the northwest area of the Richland SUD system	PADC	\$4,554,650.00	50%			
66	10	13122	Cross Plains	М	TX0300003	982	The City of Cross Plains proposes to replace undersized lines and loop dead end areas in their system.	PDC	\$1,200,000.00	30%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
67	10	13139	Lorenzo	M	TX0540002	1,298	The City of Lorenzo has an existing 100,000 gallon elevated multi-legged water storage tank. The existing structure was constructed any decades ago and has reached the end of its useful life. The tank has had recent leaks and the City has repaired the steel in the existing tank several times. There are fears that the tank will begin to fall again. We proposed to replace the tank with a new 120,000 gallon standpipe.	PDC	\$750,000.00	50%			
68	10	13057	Granger	М	TX2460002	1,419	The project includes the rehabilitation of the water storage facilities, well pumps, pump stations, and distribution system.	PDC	\$999,000.00	30%			
69	10	13039	Rhome	М	TX2490007	1,598	This project will focus on improving the water treatment and distribution system for the City.	PDC	\$850,000.00		Yes-BC	\$850,000.00	
70	10	13029	Wills Point	M	TX2340005	3,889	The City of Wills Point has a 12 inch raw water supply line which supplies water from the intake on Lake Tawakoni to the City's Water Treatment Plant. The raw water transmission line catastrophically failed recently forcing the City to implement emergency temporary supply from the Wills Point Reservoir. On Thursday, February 22 the in-line flow meter for the temporary supply line failed resulting in a system wide outage. The purpose of this project is to replace 38,400 linear feet of 12 inch raw water transmission line from the West Tawakoni Intake to the City of Wills Point Water Treatment Plant in order to provide reliable raw water to the City's Water Treatment Plant.	PDC	\$4,806,751.80	30%			
71	10	13098	Alpine	М	TX0220001	5,700	Perform a needs assessment for an asset management program, upgrade existing system to replace outdated or inefficient components, install smart meters.	PDC	\$5,290,530.00		Yes-BC	\$3,000,000.00	
72	10	13048	Keene	М	TX126008	6,266	Replace approximately 16,000 linear feet of 2-inch through 8-inch water line.	PADC	\$1,955,991.00	30%	Yes-BC	\$1,955,991.00	
73	10	13104	Raymondville	M	TX2450001	11,284	The City is proposing to replace and update old and under sized iron and asbestos waterlines and replace non-working gate valves and fire hydrants. It is also repainting the exterior (2) and interior (3) of the elevated water tanks to remove surface rust and repair structural deficiencies. The City will start an asset management plan as part of the proposed project.	PDC	\$2,100,000.00	50%			

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
74	10	13020	Lower Valley WD	D	TX1010642	93,061	This area is currently not served by the District's water system. LVWD propose to install a 12" or larger pipe to the main distribution system to expand services to unserved areas and improve pressure.	PDC	\$17,331,795.00	30%			
75	10	13076	Lower Valley WD	D	TX1010642	93,061	The majority of the area is currently not being served or are partially served by an undersized and dilapidated water system. LVWD is proposing to install a 12" or larger pipe to the main distribution system to improve pressure by creating a critical loop system.	PDC	\$4,369,056.00	30%			
76	10	13078	Lower Valley WD	D	TX1010642		This area is currently not being served by the District's water system. LVWD is proposing to install a 12" or larger pipe to the main distribution system to expand services to unserved areas and improve pressure.	PDC	\$5,297,449.00	30%			
77	10	13090	Lower Valley WD	D	TX1010642		This area is currently being served by an undersized and dilapidated water system. In addition, LVWD proposes to upgrade the size of the main distribution system to improve pressure and bring dependable water source to Mesa Del Norte, Lourdes Estates and El Conquistador colonias (416 households/1,539 residents).	PDC	\$2,346,725.00	30%			
78	10	13091	Lower Valley WD	D	TX1010642	93,061	This area is currently being served by an undersized and dilapidated water system. In addition, LVWD is proposing to upgrade the size of the main distribution system to improve pressure.	PDC	\$1,853,491.00	30%			
79	8	13072	South Ellis Co WSC	W	TX0700043	,	Phase 1 - Construct 8" Transmission Main Phase 2 - Construct Elevated Storage Tank Phase 3 - Construct Deep Well at the Carolyn Road Plant Site	PADC	\$3,320,276.00		Yes-BC	\$25,000.00	
80	6	13000	Church Hill WSC	W	TX2010008		Church Hill WSC is pursuing an additional water well for their system to supplement the existing water supply capacity and blend water at their Plant No. 2.	PD	\$47,500.00				
81	5	12987	Bertram	М	TX0270012	2,538	Replacement and expansion of the existing 8-inch transmission main from the Well Field to the City of Bertram. The elevated tank will be sized to meet all regulatory requirements and provide reliability in the system.	PADC	\$12,440,000.00				
82	5	13082	Lake Palo Pinto Area WSC	W	TX1820069	1,932	LPPA WSC is proposed to expand their existing Water Treatment Plant in preparation for future expansion in their distribution system.	PDC	\$3,849,000.00		Yes-BC	\$120,000.00	

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
83	4	13142	Avery	M	TX1940005	429	In October 2018, Riverbend WRD completed a Regional Water Master Plan Study (Study) funded through the TWDB that focused on Riverbend WRD's participating entities located within Bowie, Cass, and Red River Counties. The Study evaluated several alternatives with a final recommendation of constructing a new regional water system, as noted in the Riverbend Strategy (2016 Region D Water Plan), which includes the following for the first phase: a new raw water intake structure (60 MGD) with a deeper invert elevation in Wright Patman Lake, a new raw water pump station (designed for 60 MGD, initially constructed for 30 MGD), raw water transmission pipeline (54-inch diameter) for both industrial and domestic use, 2 MG elevated storage tank, and a new 25 MGD water treatment plant. TWU's New Boston Road WTP and existing raw water conveyance system (i.e. intake, raw water transmission line, etc.) would be decommissioned. Riverbend WRD would serve as the lead funding sponsor and wholesale water	ADC	\$1,220,000.00		Yes	\$427,000.00	
84	4	13140	Leary	M	TX0190093	559	In October 2018, Riverbend WRD completed a Regional Water Master Plan Study (Study) funded through the TWDB that focused on Riverbend WRD's participating entities located within Bowie, Cass, and Red River Counties. The Study evaluated several alternatives with a final recommendation of constructing a new regional water system, as noted in the Riverbend Strategy (2016 Region D Water Plan), which includes the following for the first phase: a new raw water intake structure (60 MGD) with a deeper invert elevation in Wright Patman Lake, a new raw water pump station (designed for 60 MGD, initially constructed for 30 MGD), raw water transmission pipeline (54-inch diameter) for both industrial and domestic use, 2 MG elevated storage tank, and a new 25 MGD water treatment plant. TWU's New Boston Road WTP and existing raw water conveyance system (i.e. intake, raw water transmission line, etc.) would be decommissioned. Riverbend would serve as the lead funding sponsor and wholesale water pro	ADC	\$880,000.00		Yes	\$308,000.00	

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
85	4	13097	Reno	М	TX1840049	2,556	Design and construction of a new 1.0MG elevated storage tank and onsite well to fill the tank. SCADA will be included to monitor the hydraulics and fill rates. A master plan which includes an asset management plan will be developed to prioritize the system needs.	PDC	\$3,660,000.00		Yes	\$2,500,000.00	
86	4	13126	Arlington	М	TX2200001	373,162	Upgrade Lake Arlington Raw Water Pump Station to supply firm capacity of 162MGD	PDC	\$20,330,000.00		Yes	\$20,330,000.00	
87	3	13196	Johnson Water Service	Р	TX0200158	0	Drill a new well. We would also like to have an asset management plan put in place.	PADC	\$69,000.00				
88	3	13022	Commodore Cove ID	D	TX0200033	358	Replace current pressure tank to meet current regulations and replace secondary water line to meet demands of population on street.	PAC	\$257,941.00				
89	3	12964	Jourdanton	М	TX0070002	4,259	New water production site to include well, ground storage, new elevated storage tank, and new transmission main from new well to Pecan Well. Install an additional proposed ground storage at the Whittler production facility. City-wide water meter replacement to automatic meter reading (AMR) meters. Project includes the preparation of an asset management plan.	PADC	\$6,843,114.00				
90	3	13135	Bluegrove WSC	W	TX0390014	75	This project involves the construction of a new pump station and the replacement of water distribution line to help with water loss.	PDC	\$300,000.00				
91	3	13118	Matthew Road WSC	W	TX0570098	250	New Well/New Fence	С	\$80,000.00				
92	3	13119	Rochelle WSC	W	TX1540004	604	This project involves the rehabilitation of existing ground water tanks and the replacement of old existing meters with an AMR meter system and a new master meter to address water loss issues.	PDC	\$300,000.00				
93	3	13136	Trent	М	TX2210009	768	This project involves the replacement of old existing water lines that are prone to breaking and leaking with new pvc water line.	PDC	\$300,000.00				
94	3	13120	Midway ISD	D	TX0390020	981	Midway ISD will drill another well to increase water production. The main water lines will also be replaced as well as necessary connections, valves, and service reconnections.	PDC	\$300,000.00				
95	3	12997	Rock Hill WSC	W	TX1830014	999	The WSC currently only has one water well that they can normally operate (Well No. 2) due to high total dissolved solids. The WSC is pursuing an additional well to supplement the production of Well No. 2 and reduce the amount of purchased water required from the City of Carthage.	PDC	\$300,000.00				

Rank I	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
96	3	13006	Cypress Valley WSC	W	TX1020088	1,386	New water well for potable water production	PDC	\$750,000.00				
97	3	13009	Daingerfield	М	TX1720001	2,705	Install a new elevated storage tank and pressure maintenance facility. Upgrade linework and valves.	PADC	\$2,680,000.00				
98	3	12976	Greater Gardendale WSC	W	TX0680214	2,842	Construction of a new 1.5 MGD surface water treatment plant to treat raw groundwater and purchased raw water from the City of Odessa/CRMWD.	PADC	\$8,560,000.00				
99	3	13131	Haskell	М	TX1040001	3,235	Replace existing water meters with an automatic meter reading (AMR) system.	PDC	\$900,000.00		Yes-CE	\$900,000.00	
100	3	12982	San Antonio Water System	М	TX0150018	1,857,779	Dietrich Elevated Storage Tank is a master planned project that is required to provide 1.5 million gallons of elevated storage for Pressure Zone (PZ) 828.	С	\$5,254,922.00				
101	2	13003	White Settlement	M	TX2200081	17,380	The City is currently undertaking the effort to develop a preliminary asset management plan for their water system infrastructure. The scoring system for the condition of facilities was based on several criteria such as pipeline diameter, material, age, capacity, history of repairs and criticality. For above ground facilities some of the criteria included electrical, mechanical, site, structural, etc. For each asset an overall risk score was assigned. The City is seeking this funding to expand on their preliminary asset management efforts to include a full master plan with hydraulic modeling. Through the effort those assets that were identified at high risk of failure and are highly critical have been mapped and preliminary cost estimates have been developed. This project will fund the additional asset management and master planning efforts and the rehabilitation of infrastructure identified as high risk. In addition, the City will install an AMI metering system. The AMI project will	PDC	\$3,666,730.00		Yes	\$1,942,000.00	
102	1	13042	Parker WSC	W	TX1260021	3,000	The WSC wants to improve their water distribution system to better service clients.	PDC	\$3,300,000.00		Yes-BC	\$3,300,000.00	-
103	1	13108	El Campo	М	TX2410002	11,645	Replace aging existing water lines throughout the distribution system with similar size or larger size PVC water lines.	С	\$4,817,500.00				
104	1	13130	Bluff Dale WSC	W	TX0720036	267	Drill a second well to comply with the 85% production capacity rule.	DC	\$382,850.00				
105	1	13013	Blooming Grove	М	TX1750001	833	Construct a new water supply well and ground storage tank and create and implement an Asset Management Plan	PDC	\$1,517,450.00				

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
106	1	13047	Thorndale	М	TX1660003	1,300	The City of Thorndale proposes to construct a water production system to produce and treat groundwater for delivery to its existing water plant for distribution to its existing customers. The City currently purchases its water supply from Southwest Milam WSC and is proposing this project to be able to independently produce, treat, and distribute water to its current and future customers.	PADC	\$9,900,000.00				
107	1	13019	Rosebud	М	TX0730003	1,415	The City proposes to replace broken and/or malfunctioning water meters within their CCN with meters to prevent the water loss and to ensure the safety and well being of its customers. The City intends to prepare their asset management plan with assistance from TCEQ's FMT contractor.	PDC	\$889,000.00		Yes-BC	\$889,000.00	
108	1	13145	Canadian	М	TX1006000	3,253	Purchase and installation of automatic meter reading system.	DC	\$632,000.00		Yes	\$632,000.00	
109	1	13146	Canadian	M	TX1006000 1	3,253	This project will rehabilitate the Birch Street elevated storage tank, the Santa Fe ground storage tank and Northeast ground storage tank.	DC	\$1,493,000.00				
110	1	13054	Rusk	М	TX0370003	5,618	New Groundwater Source Water Well	PADC	\$1,862,501.00				
111	1	13004	White Oak	М	TX0920006	6,544	New Pump Station and Raw Water Line. Prepare and implement an Asset Management Plan.	PADC	\$5,810,000.00				
112	1	13144	San Juan	М	TX1080010	24,605	New 1.0 MG (concrete composite) elevated storage tank, associated waterline, and decommissioning aging and old existing 300,000 and 200,000 gallon elevated tanks.	PADC	\$4,395,000.00	30%			
113	0	12986	Texoma Estates WSC	W	TX910047	127	Design and construct a new well house, refurbish storage tank, and install backup generator.	PDC	\$1,084,500.00				
114	0	12969	The Falls WSC	W	TX0100072	198	Install a 30,000 gallon storage tank with a 3,000 gallon pressure tank and two high service pressure pumps.	PADC	\$277,196.00				
115	0	13060	Burton	М	TX2390002	295	New Water Well 5	PD	\$108,500.00				
116	0	13100	Moran	М	TX2090002	355	Water Line Replacement	PADC	\$340,000.00		Yes-BC	\$300,000.00	
117	0	12992	River Oaks WSC	W	TX1610018	375	Replace lines on two streets and install meters.	DC	\$74,000.00				
118	0	13093	Whiteface	М	TX0400002	449	Replacement of all residential water connection meters and install new gate valves	PDC	\$300,000.00				
119	0	12974	Balmorhea	М	TX1950006	610	Installation of an additionally 8-inch drinking water transmission line from the Toyahvale regulator station to the City of Balmorhea.	PADC	\$1,670,000.00				

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	ystem											
120	0	13113	Roby	М	TX0760001	667	Replace existing ground storage tank.	PDC	\$300,000.00		Yes-BC	\$300,000.00	
121	0	13134	Bronte	M	TX0410001		The City of Bronte has lines in its water distribution system that needs replacement. These lines are older cast iron, asbestos concrete or galvanized water lines that have become fragile and prone leaks and breaks. These breaks lead to water loss and additional staff maintenance. It is proposed to replace approximately 6,000 linear feet of existing water line with 8" and 6" PVC water line. Fire hydrants will also be installed on the new water line to serve these areas with fire protection.	PDC	\$300,000.00				
122	0	13030	West Tawakoni	М	TX1160012		Construct new Water Intake Structure into deeper water. Per Preliminary Engineering Report (PER), a depth of +/-25 feet can be obtained by constructing the Intake at the proposed location. Develop Asset Management Plan	PADC	\$2,005,400.00				
123	0	12991	Newton	М	TX1760001	2,227	City plans to construct new water well.	PADC	\$2,000,000.00				
124	0	13045	Orange Co WCID # 2	D	TX1810006		Replace aging water mains, services, well pumps, and well motors.	PADC	\$3,758,300.00		Yes-BC	\$1,796,800.00	
125	0	13053	Rusk	М	TX0370003	5,618	Install 8" Water Line on FM 343 West Rehabilitation of Two Elevated Storage Tanks	PDC	\$1,813,405.00				
126	0	13111	Galveston Co WCID # 1	D	TX0840001	12,845	Replacement of Existing 8" Cast Iron Water Line along California Avenue from 29th Street to 21st Street with new 12" PVC Water Line	DC	\$869,735.00				
127	0	13005	Ennis	М	TX0700001	18,674	Failing waterlines with insufficient valving. Frequent breakage causes loss of service, risk of system contamination, and significant water loss. Prepare and implement Asset Management Plan	PDC	\$8,364,879.00				
128	0	12995	Guadalupe Blanco RA	D	TX0290005	26,088	The project would focus on repairing major breaches in the Calhoun County Diversion System levees to prevent salt water intrusion into the public drinking water supply.	PDC	\$1,207,330.00				
129	0	13001	Ennis	М	TX0700001	29,159	Water line replacements in downtown Ennis and create and implement an Asset Management Plan	PDC	\$4,987,021.00		Yes	\$3,298,600.00	
130	0	13121	Eagle Pass	М	TX1620001	52,624	Replace current metering system with new Master Meter's Allegro AMI Network.	С	\$5,825,000.00		Yes-BC	\$6,000,000.00	-

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
131	0	12981	San Antonio Water System	М	TX0150018	1,857,779	Highway 90 and General McMullen Pressure Zone Integration to integrate two pressure zones and establish redundancy for Winwood and GBRA water.	С	\$4,130,290.00				
132	0	12983	San Antonio Water System	М	TX0150018	1,857,779	Pump Station Rehabilitation Phase 5 - Artesia will rehabilitate the Artesia pump station that serves Pressure Zone 3 across the southern half of the area inside Loop 410.	С	\$16,037,160.00				
133	20	13231	H20Tech, Inc	P	TX1013011	86	Applicants groundwater PWS serves Clear Creek Shores Se9 2 on Massengale Lane, a very small system with 28 customers located in south Harris County Texas. This IOU water system is 40+ years old, galvanized well casing beyond its useful life, and rusted pressure tank on verge of collapse. The well site located in hazard floodway is increasingly subject to flooding events jeopardizing system integrity. For example, all metals analysis after Hurricane Harvey reports elevated Calcium Carbonate levels exceeding 700 mg/l suggests a fluctuating aquifer is precipitating dissolved minerals in pumpage cone of depression. By comparison, CaC03 prior to Harvey was 50 mg/l. In addition, alkalinity after Harvey at 375 mg/l (2X normal levels) is corroding pumpage equipment and scaling distribution lines reducing efficiency, and corrosive to home appliances. The idea of homeowners utilizing water softeners to mitigate supply line alkalinity is not an option in subdivision with on-site wastewater system	AC	\$53,466.00				
134	0	13225	Lubbock	М	TX1520002	266,263	Construction of a new 15 MGD firm capacity pump station to deliver Lake Alan Henry water to the City's West Pressure Zone.	С	\$10,455,000.00				
135	0	13226	Springtown	М	TX1840003	5,500	Capacity improvements to surface water treatment plant including Booster Station, Trident equipment and other related work.	DC	\$1,300,000.00				

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
136	22	13216	Resources	D	TX0190021	74,746	In October 2018, Riverbend Water Resources District ('Riverbend WRD') completed a Regional Water Master Plan Study funded through the TWDB that focused on Riverbend WRD's participating entities located within Bowie, Cass, and Red River Counties. This study evaluated several alternatives with a final recommendation of constructing a new regional water system, as noted in the Riverbend Strategy (2016 Region D Water Plan), which includes the following for the first phase: a new raw water intake structure (60 MGD) with a deeper invert elevation in Wright Patman Lake, a new raw water pump station (designed for 60 MGD, initially constructed for 30 MGD), raw water transmission pipeline (54-inch diameter) for both industrial and domestic use, 2 MG elevated storage tank, and a new 25 MGD water treatment plant. TWU's existing New Boston Road WTP and raw water conveyance system (i.e. intake, raw water transmission line, etc.) would be decommissioned following construction of the new regional wate	ADC	\$200,000,000.00		Yes-BC	\$18,000,000.00	
137	11	13227	Blanco	M	TX0160002	1,739	Refurbish and modernize the WT process while treating THM concentration issues, flood proofing/raising facilities above 100 year flood event level, obtain new TCEQ discharge permit, and demolish abandoned components. Improvements would begin at the raw water pump station and continue throughout the treatment process which ends with the on-site 500,000 ground storage tank.	PD	\$0.00				
138	10	13218	Westwood Shores MUD	D	TX2280016	1,277	This project will assist the MUD in becoming compliant with TCEQ requirements for water capacity, to operate below TCEQ thresholds for recent MCLs exceedances, and to limit service down time during watermain breaks and repairs.	DC	\$1,035,000.00				
139	7	13217	Texins Lake Texoma Club	Р	TX0910084	600	Drilling and completion of a new water well.	PC	\$250,000.00				
140		13238		D	TX0290065	1,184	The project will be for the installation of at least 5 new water wells and connecting water lines to offset potable water that is currently purchased from the Guadalupe Blanco River Authority. The well water will be discharged into a new ground storage tank and then treated by a new reverse osmosis treatment facility to get the permeate water within acceptable TCEQ limits.	PADC	\$6,000,000.00				
141		13233	East Central SUD	D	tx0150138	18,727	Construction of new office building as well as a new maintenance building.	DC	\$3,900,000.00		Yes	\$200,000.00	

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
142	144	13240	Arp	M	TX2120001	953	The project replaces approximately 41,000 feet of AC pipe and old leaking pipe. 35% Water loss and TCEQ Enforcement for Asbestos MCL violations and DBP water quality violations.	PDC	\$6,310,182.00	70%	Yes	\$4,334,000.00	
143	0	13235	Greater Texoma UA	D		2,403	Replacement of asbestos cement pipe	PDC	\$1,367,648.00				
144	10	13247	Bay City	M	TX1610001	17,487	The City of Bay City (City) is not currently able to meet their desired level of service for water plant capacity and pressure requirements due to the increasing number of connections throughout the service area and lack of redundancy throughout the distribution system. This project will consist of the design and construction of two new water plants and the addition of a 12" transmission line to loop the system and reduce the likelihood of outages. Additionally, this project will address numerous water system-related improvement projects originally included in the City's Capital Improvement Program (CIP). This project will enable the City to consistently meet the TCEQ's requirements by increasing pressure within the distribution lines and adding capacity in order to be able to serve the current number of connections located within the City and more as the City's population increases as projected.	DC	\$20,300,000.00				
145	50	13246	Texins Lake Texoma Club	Р	TX0910084	806	Drilling and completion of new water well	DC	\$300,000.00				
146	0	13250	Parker County SUD	D	TX1840079	5,277	The proposed project will include improvements to storage, transfer pumping, transmission and distribution to maintain compliance with TCEQ distribution system criteria as the District's system continues to grow.	PADC	\$33,289,000.00		Yes-BC	\$33,289,000.00	
147	0	13251	Greater Texoma UA	D	TX0910009	4,800	Planning, Design, and Construction of a new 750,000 gallon elevated storage tank.	PDC	\$3,750,000.00				
148	16	13252		D	TX210016	22,000	The District plans to add two water supply wells for additional water supply capacity with water transmission lines, ground storage and pump station, and distribution lines to increase distribution system capacity.	PADC	\$28,140,004.00				
149	0	13261	Arlington	М	TX2200001	377,478	John F. Kubala WTP- Backwash Modification Project, and Meter, MIU and Waterline Replacement Project	С	\$22,000,000.00		Yes	\$6,500,000.00	
150	17	13267	Bridge City	М	TX1810001	9,000	Install New Water Well located at the Sunnyside Water Tank	С	\$3,000,000.00				
151	0	13265	North Collin SUD	D	TX0430055	6,603	300,000 Gallon Elevated Storage Tank For Extra Storage and Waterline Interconnection with Altoga	PADC	\$1,940,000.00				

Rank	Points	PIF#	Entity	Owner Type	PWS ID	Population	Project Description	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
Public	Water S	System											
152	3	13266	North Hunt SUD	D	TX1160039	4,206	Capital improvements including water wells, pump stations, radio read meters, and waterlines	PDC	\$3,240,000.00				
155	0	13269	New Braunfels	M	TX0460001		New Braunfels Utilities (NBU) will be planning, designing and constructing improvements to their existing 8 MGD conventional Surface Water Treatment Plant (SWTP) and expanding the SWTP to 16 MGD. Improvements will include improved flood resiliency, safety, operability and water quality.	PDC	\$34,400,000.00				
156	81	13270	Hardin Co WCID # 1	D	TX1000016	1,420	This project will address the District's elevated trihalomethane levels within the water distribution system.	PDC	\$617,500.00				
157	0	13636	Greater Texoma UA	D	TX0740024	398	Water system improvements	PADC	\$731,048.00				
	Water m Total	155							\$959,197,512.80	57	50	\$239,535,579.00	
Total		155							\$959,197,512.80	57	50	\$239,535,579.00	

Phase(s): P-Planning; A-Acquisition; D-Design; C-Construction Green Type: BC-Business Case; CE-Categorically Eligible; Comb-Project consists of both CE and BC components