Texas Water Development Board
SFY 2024 Clean Water State Revolving Fund
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Rank	Points	PIF #	Entity	NPDES #	Population	Project Description	EPA Cat.	Requested Phase(s)	Total Project Cost	Disadv %	Green Type	GPR	Related PIF #'s
POTW													
1	113	15123	Pecos		12,673	By completing the improvements to the wastewater treatment plant, the City will be able to consistently meet the permit discharge requirements for the anticipated increased population. The City's existing wastewater treatment plant (WWTP) is permitted for 1.6 million gallons per day (MGD) and discharges its effluent into the Pecos River. The facility utilizes a lagoon treatment system. To address the more stringent discharge limits, the improvements will include replacing the existing lagoon system with a biological nutrient removal (BNR) system followed by a membrane bioreactor (MBR). A chlorination and dechlorination system will be added for disinfection. The proposed project will expand the capacity to 3.5 MGD. As part of this scope, a new water conservation and an Asset Management Plan will be developed.	CWT	C	$40,158,000.00	70%	Yes-BC	$40,158,000.00	
2	100	15151	Port Lavaca		11,259	The project is needed to address a current non-compliance issue with the TCEQ. The project is to expand the City's Lynn's Bayou WWTP from 2 MGD to 4 MGD. This expansion project will include construction of the following: Headworks, grit basin and flow splitter box; Anoxic Basins; Aeration basins with fine bubble diffusers; final clarifiers and flow splitter box; RAS pump station; WAS pump station; UV disinfection; new office/lab building; modifications to existing circular WWTP; modifications to existing sludge dewatering beds; and modifications to existing Parshall flume.	CWT	PDC	$33,610,760.50				
3	86	15045	Hitchcock		7,341	The City's wastewater collection system is in serious need of repair. The piping elements are largely beyond their useful life and need to be repaired or replaced entirely. The City is under an enforcement order from TCEQ for SSO violations and discharges to Highland Bayou that has significant bacteria water quality impairments. An improved wastewater collection system will reduce SSOs having a direct water quality benefit to receiving waters, including Highland Bayou which is impaired for bacteria and dissolved oxygen.	CWT	DC	$27,346,250.00		Yes-BC	$27,346,250.00	

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POTW													
4	81	15168	Jacksonville	TX0100587	14,029	The City closed an existing wastewater treatment plant several years ago and has not replaced the lost capacity from that plant closure. They have exceeded 90% flow limit for 3 years. They have been cited by TCEQ for collection system overflows. The proposed project consists of the upgrade and expansion of the City's Double Creek WWTP to increase capacity and will also include an equalization basin for excess flows. The plant has exceeded the 90% flow limit for over three (3) years and has been cited by the TCEQ and is also under enforcement for collection system overflows. The City closed an existing wastewater treatment plant several years ago and has not replaced the lost capacity from that plant closure. The preparation of an Asset Management Plan is also included as part of this project.	CWT	PADC	$11,895,000.00	70%	Yes-BC	$25,000.00	
5	80	15002	Crockett	TX0070831	6,441	WWTP and collection system experiencing overflows and TCEQ violations from dilapidated, failing equipment, and excessive I/I. Proposed project consists of Wastewater Treatment Plant (WWTP) and sanitary sewer improvements to include: equalization basin, influent pumping, mechanical bar screen, grit collection, classification, grit pumping, aeration basin improvements, clarifiers (new and refurbished), blowers / mechanical aerators, return sludge pumping, disinfection, solids processing, digestor repair, solids dewatering and processing, polymer tankage and mixing, one-time sludge removal from aeration basin, process piping, paving and miscellaneous concrete flatwork and sitework, RAS pumping, collection system I/I improvements, manhole and piping repair, smoke testing, and CCTV inspection.	CWT	PDC	$11,536,250.00	70%			1015 (2010)

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POTW													
6	71	15050	Crystal City	TX0053392	7,128	Crystal City proposes to extend wastewater system services to residents currently on septic, make necessary resiliency upgrades, as well as replace old clay & asbestos/lead wastewater lines. These projects are needed to ensure the system's sustainability and maintain compliance with TCEQ. The City needs to make infrastructure investments to meet emergency preparedness goals required by TCEQ. This includes replacing an old diesel generator with a new generator that can run the City's wastewater treatment plan in the event of an energy shut-off. The City needs a portable generator to aid the operators of the city's lift stations. The City requests funds as follows: to replace approximately 23 linear feet of clay lines, and approximately 1,800 linear feet of asbestos lines that are lead-glued; various lab equipment needs, including replacing an auto sampler, a sulfur dioxide system, replacing a PH Meter and dissolved oxygen meter, a self-contained breathing apparatus for the Chlorine Chamber; invests in its pumping facilities, carrousel aeration basin, retrofitting an old clarifier, and upgrading sludge drying beds. The City is preparing for future extension of sewer lines, which requires relocating an existing lift station, along with added manholes, at a new lift station to connect an existing force main at the Old Uvalde Road.	CWT	DC	$8,861,738.00	70%			8860 (2011)

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POTW													
7	70	15047	Jefferson Co WCID # 10	TX0111589	5,500	The Neches River Project is needed to address an ongoing TCEQ compliance issue with wastewater treatment plant permit parameters. The District wishes to keep the natural wastewater treatment plant system (cost efficient and eco-friendly) and relocate the discharge outfall to a larger body of water. The current discharge outfall Rodair Gulley is also used as the primary stormwater drainage basin for the Central Gardens Unincorporated Area. Removing the wastewater effluent allows for more stormwater to be handled in the drainage system. The new discharge outfall at the Neches River will allow the Jefferson County WCID 10 to consistently comply with the TPDES Permit. The Jefferson County WCID 10 is under TCEQ enforcement with an Agreed Order for permit noncompliance specifically E. coli and Ammonia Nitrogen. The District utilizes a natural treatment plant which includes a 26-acre pond system followed by a 7-acre rock reed filter (submerged wetlands) for tertiary treatment. This project in The current discharge outfall Rodair Gulley/Taylor Bayou is on the 303 (d) list for oxygen impairment. The Board of Directors looked at various options to comply with the enforcement action and decided to stay with the current natural treatment system (energy efficient and eco-friendly) and re-route the outfall to the Neches River. The Neches River is not on the 303 (d) list. In February 2023 the Jefferson County WCID 10 received a TCEQ draft permit authorizing the Neches River as a new discharge outfall and also includes a disinfection and de-chlorination basin. The Jefferson County WCID 10 has received the USACOE 404 Permit and is working with Energy Transfer (Sunoco) and Entergy for the two-mile force main route to the Neches River. This project includes relocation of a wastewater treatment plant discharge and construction of a disinfection basin, lift station and two-mile force main due to TCEQ Enforcement/Agreed Order.	CWT	C	$9,340,000.00				

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POTW													
8	70	15051	Fort Worth		812,515	The VCWRF currently has 18 primary clarifiers (PCs), including twelve 80-foot-diameter clarifiers (#1-12) and six 160-foot-diameter clarifiers (#13-18). Six of the current clarifiers are not operational. The Clarifiers 1-12 are past their useful life, they were constructed in 1956, 1963, and 1971; and Clarifiers 13-18 were constructed in 1975 and 1993. The small clarifiers 1-12 are inefficient, outdated, and difficult to maintain and operate (including the aforementioned that are not operational). In addition, the low side water depth (SWD) of 7 feet, age of clarifiers, and condition of equipment and piping are in such a state that the clarifiers require replacement. This project will replace the twelve 80-foot-diameter PCs and increase the rated capacity of the primary clarifiers to 191 mgd AADF and 497 mgd 2HPF while maintaining existing primary effluent water quality. The overall project improvements include: Demolition of existing clarifiers and abandoned bar screen buildings 1 and 2; Demolition and relocation of existing utilities in the primary area; Construction of three new 190-ft clarifiers with necessary ancillaries including launder covers; Construction of two scum pump stations and one primary sludge pumping station; Construction of new diversion structure and flow meter vault; Construction of new odor control facility and odor control ductwork; Necessary site/civil improvements & electrical, instrumentation and controls; Replacement of launder covers on two existing clarifiers; and Repairs and Replacement of existing odor control system within Primary area, including ductwork for existing clarifiers.	CWT	C	$81,000,000.00				

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POTW													
9	66	15097	Danbury	TX0056707	1,671	The WWTP headworks is not up to modern standards and allows grit and sediment into the oxidation ditch. The grit separator and classifier have deteriorated beyond repair. The sediment originates from sanitary sewer lines and lift stations that have various issues allowing sediment to enter the pipe and lift station wet wells. Multiple valves and connections in the raw water lift station at the WWTP are stuck in position and the pump and piping manifold requires rehabilitation. The pump building is experiencing a wall failure where the pump manifold extends through the wall as well as roof leaks. The City operates 9 other lift stations with several of them in poor condition requiring rehabilitation. The plant has an emergency power generator but it is undersized for the plant and requires replacement. The plant receives wastewater flow peaks during rain events therefore funding for an I&I study and minor repairs to the collection system to prevent inflow is requested. Replacement of grit separator and classifier. Repair of lift station wet wells. Pump and piping manifold rehabilitation. Repair and rehabilitation of pump building and lift stations. Replacement of emergency power generator. I&I study and minor repairs to the collection system to prevent inflow. The City desires to operate and maintain their wastewater system better and therefore plans to prepare an asset management plan.	CWT	PDC	$8,150,000.00				14260 (2023)
10	66	15089	Bonham		10,408	The wastewater lines being replaced by this project are failing and have exceeded their useful life. The existing lines are clay tile pipe which have failing joints and require labor intensive maintenance. Clay tile pipe has also been known to be a source of infiltration into sanitary sewer collection systems. To replace several of the existing collection lines with PVC, in order to remove infiltration and create capacity to facilitate demand of future population growth. By replacing several of the existing collection lines with PVC, the City will be able to remove infiltration and create capacity to facilitate demand of future population growth.	CWT	C	$9,191,274.00	70%			PIF# 12570 Proj#73808

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POTW													
11	66	15066	La Marque		18,030	The City currently has 4-5 times increase in flow during wet weather conditions, which overloads rainwater into the system causing multiple SSO conditions. We are currently completing some pipeline restoration, but need to perform much more work. It is our intention to reduce SSO over the next 5-10 years by sealing the system and controlling or stopping Inflow and Infiltration. An Asset Management Program with this project, covering all facilities such as lift stations and the WWTP (currently under redesign and expansion) and the Collection System. It is our intention to reduce SSO over the next 5-10 years by sealing the system and controlling or stopping Inflow and Infiltration. Perform CCTV and pipeline replacement or CIPP pipeline rehabilitation to reduce Inflow and Infiltration into the sanitary sewer system. Perform CCTV inspection in 10 miles of pipeline, and either repair by Cured-in-place-pipe technology or replace if needed.	CWT	PDC	$10,000,000.00		Yes-BC	$10,000,000.00	
12	65	15007	La Porte		35,124	Area suffers from infiltration and inflow. The project includes extending gravity sewer lines to eliminate nine (9) aging sanitary lift stations with a single lift station and force main for a net reduction of eight (8) lift stations. The service area affected suffers from inflow and infiltration. Construction of 1 lift station with motor controls and generator, replacement of approximately 20,000 feet of gravity sewer main, 67 manholes, approximately 8,100 linear feet of 12-inch forcemain and approximately 1,800 linear feet of 6 and 8-inch forcemain. Installation of storm sewers and paving along Coupland Drive (funded with local funds).	CWT	C	$26,276,160.00		Yes-BC		

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POTW													
13	61	15092	Bandera		839	The WWTP permit requires the City to provide protection of its facility from a 100-year flood. During a TCEQ inspection on November 15, 2016, the City was cited for this permit violation because the entire plant is located within the regulatory floodway. The location of the existing plant and the depth of the water surface elevation of a 100-year flood event at the site, it would not be feasible to floodproof the existing plant without increasing the flood hazard for the surrounding properties. The WWTP treats municipal wastewater in a conventional activated sludge process. The plant consists of a manual bar screen, a concrete oxidation ditch with wall-mounted aerators, two final clarifiers, and chlorine disinfection basin. Solids handling consists of sludge drying beds and vacuum dewatering boxes. The WWTP permit requires the City to provide protection of its facility from a 100-year flood. During a TCEQ inspection on November 15, 2016, the City was cited for this permit violation because the entire plant is located within the regulatory floodway and therefore needs to be relocated. Project also includes preparation of an asset management plan for the wastewater collection and treatment system including condition assessment of wastewater critical infrastructure.	CWT,GPR	PADC	$15,379,560.00	70%	Yes-BC	$1,000,000.00	
14	61	15149	Presidio County		6,975	These areas either have no wastewater service or the service is inadequate. These services are necessary to prevent public health concerns and disease outbreaks. This project will provide wastewater services to those areas in the county who do not have centralized wastewater service. There are also elements of these projects that call for rehabilitation of existing wastewater systems. These projects will benefit low-income residents who are vulnerable to water borne diseases and health problems. Project includes: New wastewater system for unincorporated area of Shafter.; levy repair and acequia restoration project in unincorporated area of Redford; flood study & flood control project for the City; extension of wastewater services to underserved areas of the City and rehabilitation of deteriorating wastewater infrastructure and restoration of ox-bow lakes along the Rio Grande River to store flood water. The project also includes a tree planting program that is a Categorical Green project.		DC	$13,700,000.00	70%			

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POTW													
15	61	15010	Denison	TX0047228	24,324	The failing wastewater collection system causes numerous wastewater overflows which are a threat to public health and the environment. These result in maximum contaminant level (MCL) violations for acute risk to human health including the presence of fecal coliform or E. coli, and nitrate, common elements contained in raw sewage. This project includes several elements to rehabilitate the wastewater collection system and reduce extraneous flows in disadvantaged areas within the City of Denison. Funding requested for this Collections Improvements Project will prevent overflow events, noncompliance, and address efficiency and safety of collection system operations at the following areas: Truckstop Line; Iron Ore Sewer Shed; North Central Sewer Shed and Sears Sewer Shed. The project will include Asset Management.	CWT	DC	$28,200,000.00	70%	Yes-BC	$28,200,000.00	15012 (2024)
16	60	15155	Austin		1,153,430	Growth within the Walnut Creek WWTP service area has resulted in increased flows to the plant. The WWTP is expected to reach its 75 MGD capacity in 2028. To meet challenges, a major plant expansion from 75 MGD to 100 MGD and upgrade to Biological Nutrient Removal (BNR) is required. The expansion will add new influent siphons; a new 25 MGD treatment train comprised of two primary treatment trains, two secondary treatment trains including BNR, tertiary cloth disk filters, and UV disinfection; modification and upgrade of the existing 75 MGD plant including conversion to BNR, conversion to UV disinfection, Headworks capacity and process upgrades, and other required improvements; a new wet weather treatment unit (AquaStorm Filters); additional effluent pipe and outfall to the Colorado River; and a flood wall around the entire plant site due to Atlas 14.	CWT	C	$65,335,000.00				
17	59	15127	San Angelo		101,004	To utilize the existing effluent from the WWTP for reuse, additional upgrades to the WWTP are necessary. The City intends to complete an upgrade to its existing WWTP to prepare for an upcoming potable reuse project.	CWT	PDC	$81,407,000.00		Yes-BC	$81,407,000.00	

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POTW													
18	56	15027	New Ulm WSC	TX0114880	300	Excessive rusting due to the last rehab, the walls are not thick enough to be blasted again and re-coated. The existing package plant was installed in 1995 and is nearing its life expectancy. It was rehabilitated ten (10) years ago and there was some concern that the remaining thickness of the walls would not withstand another rehab. Since this is a steel plant, there is a lot of visible rust. The new plant would consist of a concrete aeration basin, concrete clarifier, concrete chlorination basis, and concrete digester.	CWT	DC	$1,895,000.00	70%			
19	56	15162	Trinity River Authority		35,655	The Chambers Creek Wastewater Regionalization Study is needed to address potential issues associated with the operation and maintenance of numerous smaller existing and future WWTFs in the rapidly growing Chambers Creek watershed. As these small WWTFs age, they present operational deficiencies and financial challenges that smaller entities may lack the technical and institutional capacity to address with associated permit violations and downstream water quality violations that could impact a valuable water supply. The study will include evaluation of current and anticipated future wastewater treatment and water quality needs. The Chambers Creek Wastewater Regionalization Study will evaluate the feasibility of a regional wastewater collection and treatment system to meet current and anticipated future wastewater treatment and water quality needs in an area of high growth. The proposed regionalization in the Chambers Creek study area encompasses both incorporated and unincorporated areas.	Other	P	$495,000.00				
20	53	15100	Orangefield WSC	TX0129313	6,531	As part of the TMDL report of cleaning up the Cow Bayou, the point source pollution into the Cow Bayou is being relocated to nearby state waters. This project will relocate the existing Orangefield WSC WWTP effluent outfall to the Sabine River. Demolition at the existing outfall is proposed with proposed piping and new effluent outfall.	CWT	PDC	$5,100,000.00				

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POTW													
21	53	15033	Arlington		394,266	The existing wastewater pipelines are exposed in the respective waterways at each location (Kee Branch, a tributary to Rush Creek, and the Trinity River). The soil continues to erode and infrastructure is at risk of failing thereby causing the release of raw wastewater. The proposed project includes construction of two new lift stations, and approximately 12,000 LF of 12-inch to 20-inch force main. The existing wastewater pipelines are at risk of failure due to their close proximity to major waterways that are accelerating soil erosion. After completing several evaluations, the City of Arlington determined that the best path forward is to relocate the wastewater infrastructure away from the existing waterways thereby mitigating a release of raw wastewater.	CWT	C	$19,662,580.00				
22	52	15017	Aledo		3,800	The proposed project is needed to meet the anticipated population and flow projections in addition to staying in compliance with TCEQ regulations. In August 2022, Aledo WWTP received a notice of enforcement for violation of the TDPES permit effluent permit limits. A notice of violation is forthcoming. This expansion project will also include replacement of existing equipment to assist in bringing plant operating back within permit limits. The City of Aledo WWTP will be expanding from a 0.6 MGD to a 1.2 MGD annual average daily flow treatment to prepare for projected wastewater flows increasing to 75% of the current permitted capacity and to meet regulations by the TCEQ. The expansion includes new fine screen, lift station pumps, sequencing batch reactors, post-equalization basin, cloth media filter, UV disinfection, aerated sludge holding tank, and mechanical dewatering. Other improvements include new utility service, back up generator, general site civil, and maintenance building addition.	CWT	DC	$18,670,000.00				
23	52	15041	Marshall		23,091	System lift stations have experienced failure and overflows. The collection system as a whole is subject to documented SSOs and large I&I volumes. Project includes: Analysis of existing collection system including analysis of failures and determination of critical exposures for SSO and I&I; Targeted rehabilitation of the most critical lift station, force main, and gravity sewer to prevent SSO and I&I; and Upgrades including electrical, control, emergency power, pump, force main, and gravity sewer line upgrades.		PADC	$10,350,000.00	70%			

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POTW													
24	51	15143	Victoria Co WCID # 2		515	Ensure the health and safety of the community of Placedo by ensuring that the district meets TCEQ requirements for safe WWTP discharge effluent criteria. This project proposed by the Victoria County Water Control and Improvement District No. 2 is to expand the existing Wastewater Treatment Plant to allow for the growth of the district and waste water collection system. The project plans to have an additional set of treatment units added to the plant to allow for service capabilities in the event of a component needs service or replacement. With the existing WWTP increasing age the amount of parts of the system needing service or replacement will only increase. The expansion of the WWTP is a key component of the ability of the district to be able to handle further expansion of the community of Placedo. This will allow for adequate growth of the service area for the next 30 years. With this project the District will include the adoption of an Asset Management Plan.	CWT	PDC	$560,000.00	70%			

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POTW													
25	51	15015	Kemp	TX0023396	1,117	The need for the project is to provide the City with needed increase in treatment capacity, improved operability, and more ease of maintenance. The City's existing WWTP is expected to be challenged with regard to capacity in the near future. Additionally, there are components of the existing plant that do not function in an efficient, and/or operator friendly, manner. The existing plant was last renovated in 2005. The plant was constructed within the same footprint as the original Imhoff plant. Some of the old Imhoff components are still in place but not of use for the current plant operations. There are sand filters in the current plant and they have never functioned properly. The City wishes to remove the sand filters from the plant treatment regime and replace them with some newer technology. The current plant has mechanical aerators and the City wishes to replace them with pneumatic aeration. The City would also like to consider replacement of the existing plant with a completely new plant. For this option, consideration should be given to constructing the new plant within the existing plant property versus acquiring new property for the new plant. Portions of the existing collection system is Clay Tile Pipe. This pipe causes excessive maintenance and I&I for the City. There is approximately 29,000 linear feet of clay tile pipe that needs to be replaced. There are two existing lift stations that are under sized and burn up pump motors and electronics, which need to be upgraded. This project will include an Asset Management Plan.	CWT	PADC	$16,700,000.00	70%			

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POTW													
26	51	15135	Lindsay	TX0025097	1,257	The City is currently operating under the interim phase of their discharge permit. The interim permitted flow is 0.1 MGD and the final phase permitted flow is 0.2 MGD. The existing wastewater treatment plant capacity has exceeded the “75/90” TCEQ Rule for wastewater treatment plant expansion in Chapter 305, Paragraph 126, of the Texas Administrative Code. TCEQ requires the planning phase to begin if the flows recorded at the wastewater treatment plant have exceeded 90% of the rated capacity of the plant, which happened in April 2021. A new WWTP rated for 0.2 MGD is proposed for the City. The existing wastewater treatment plant capacity has exceeded the “75/90” TCEQ Rule for wastewater treatment plant expansion. Proposed project to include: Expansion of existing WWTP to include: Aeration Basin; Concrete Digester and/or sludge drying beds; Aeration Equipment including blowers, air piping, diffusers and related appurtenances; Plant piping, including RAS/WAS System; Concrete clarifier; Clarifier equipment; New sludge pump and piping; Equipment control building; UV vault and piping; Site electrical; Replacement of manholes to reduce the demand for POTW capacity through efficiency. The City is planning to implement an Asset Management Plan as part of this project.		PDC	$7,475,500.00				
27	51	15057	Wilmer		5,064	If the proposed project is providing service to areas currently using on-site sewage facilities (OSSF), please provide the number of on-site systems to be removed from service. This project is an extreme emergency because of the ongoing threat of a temporary force main potentially rupturing and causing a massive sewage overflow into the Trinty River, a source of drinking water for millions of people. This project involves the installation of a new 16-inch Force Main to replace the entire length of aged 16-inch ductile iron force main currently serving the City of Wilmer. Replacement of the existing 16-inch Force Main will entail design, permitting, and construction of approximately 7,000 linear feet of non-corrosive pipe material. Construction sequencing will commence with a new crossing beneath the Trinity River crossing to minimize the risk of additional sewer spill the river and impact to the adjacent Dallas County Wildlife preserve. The project includes an Asset Management Plan.	CWT	DC	$3,777,158.00				

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POTW													
28	51	15114	Guadalupe Blanco RA		9,388	Projected residential development will necessitate increased wastewater collection and treatment capacity to accommodate that growth. The service area in Guadalupe County has and will continue to experience significant residential construction over the next several years. The WRF expansion and collections system improvements are necessary to capture and treat municipal wastewater influent in the high-growth areas between New Braunfels and Seguin. The expanded WRF will include a new: headworks structure, oxidation ditch, final clarifier, effluent filters, UV disinfection modules, solids dewatering process, electrical, and equipment buildings. The collection system improvements will include a new 3.5 MGD lift station and force main and gravity line upgrades.	CWT	PADC	$44,572,780.00				
29	50	15009	Arp		892	The City is proposing to replace their 60 to 70 year old WWTP as opposed to rehabilitation as a result of a TCEQ enforcement & address inflow & infiltration issues. The replacement WWTP (the Plant) will be an activated sludge type, package treatment plant rated for 0.35 to 0.45 MGD. Because the flows of the City generally peak twice per day an equalization basin/tank (100,000 gallon) will be used to provide a more constant flow through the Plant. The lighting in the Plant will be replaced with energy efficient sources to meet “Green Project Reserve” guidelines. Two additional light poles will be necessary for the new Plant configuration. The collection system has been identified as having significant I & I issues and those areas have been identified. The project will include approximately 11,000 feet of “permeable asphalt” and approximately 10,000 feet will be installed over the same area as the collection system pipe installed for this project. An additional 1,000 feet will be installed on Elizabeth Street in order to provide an “all weather access road. collection system: Because the current lines are located beneath the middle of the existing road, it is proposed to use “pipe-bursting” in combination with approximately 10,000 feet of HDPE pipe. This will significantly reduce environmental foot print of the construction portion of line replacement and significantly reduce the overall cost of the project. The use of HDPE is selected as to its’ life expectancy is 100+ years.	CWT	PDC	$7,465,000.00	70%	Yes-BC	$3,500,000.00	

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POTW													
30	50	15105	DeLeon	TX0054844	2,296	The old clay lines allow significant inflow and infiltration which causes overflows in the system causing health and safety dangers and inundation at the wastewater plant. The proposed project consists of replacing approximately 6,000 linear feet of existing clay sewer lines throughout the City with new PVC sewer lines. These sections of sewer lines to be replaced cause significant amounts of inflow and infiltration into the collection system. The project would reduce the flow to the wastewater plant and prevent overflows in the sewer system.	CWT	PDC	$1,216,500.00	70%	Yes-BC	$1,216,500.00	14266 (2023), 13954 (2022), 13290 (2021)
31	50	15148	Valley MUD # 2		3,325	The current wastewater treatment plant is nearing 75% of the permitted average daily flow capacity. When the average flow reaches the 75% of the permitted capacity, the TAC 30 TCEQ 305.126 requires the Owner to initiate engineering and financial planning for expansion of the wastewater treatment and collection facilities. The purpose of this project is to develop a long-term solution to provide service to the growing wastewater customer base and community within VMUD #2. This project includes the design and construction of a new Wastewater Treatment Plant, to provide a solution to growing wastewater flow requirements. The Valley MUD # 2 Rancho Viejo WWTP, which was constructed in 2005 with a permitted capacity of 0.4 MGD average flow, is presently reaching the TCEQ 75% flow threshold. At 75% flow capacity, the TCEQ requires Owner to pursue site selection, permitting, and design for a new WWTP.	CWT	PADC	$25,250,000.00	70%			
32	50	15078	Cotulla	TX0027499	3,754	The City proposes to implement the following improvements: 1. Influent Pump Station-a new inline grinder; 2. Drying Bed - additional solar drying bed capacity; and 3. Clarifier-presently hydraulic and design limitations among the smaller clarifiers. The first and major issue with the clarifiers is the rake mechanism broke on Clarifier No.2 and the clarifier is presently out of service and full of solids. The rake mechanism is severely rusted, and it is assumed that the entire mechanism including the center column, drive, gear box assembly and access walkway must be replaced.	CWT	C	$5,000,000.00				11091 (2016), 13939 (2022), 14302 (2023)

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POTW													
33	48	15030	San Marcos		64,812	The new 6.0 MGD lift station will allow nearby lift stations to be decommissioned and will also receive relief flows from areas in the existing wastewater system where projected flows exceed system capacity. The Highway 80 Wastewater Utility Project consists of a new 6.0 MGD lift station that will support wastewater demands of the Hemphill Basin in East San Marcos. The project includes an 18-inch force main that will convey flows from the lift station to the City's Wastewater Treatment Plant. The new lift station will allow nearby lift stations to be decommissioned and will also receive relief flows from areas in the existing wastewater system where projected flows exceed system capacity. The lift station will also receive flows from proposed developments that will expand the Hemphill Basin's wastewater demands. The project also consists of a new 16-inch reclaimed water main that will convey reclaimed water from the City's Wastewater Treatment Plant to proposed developments.	CWT,GPR	PADC	$25,126,145.00	70%			
34	46	15115	Millsap		414	Most of the local residences have privately owned and maintained onsite sanitary sewer facilities (OSSF) which do not meet the minimum lot size requirements. The proposed project would reduce the number of OSSFs within the City and in a confined area; therefore, it would reduce the number of potential health hazards from the private OSSFs. The project consists of installing a new wastewater system in the City of Millsap. Currently there is not an existing wastewater system infrastructure within the City. The new system would consist of a lagoon WWTP, approximately 60,000 linear feet of collection and force main sewer lines, lift stations, manholes, connections, etc.		PADC	$8,692,000.00	70%	Yes-BC	$8,692,000.00	
35	46	15163	Von Ormy		1,340	The project area residents currently use septic systems on varying size lots which pose a health hazard due to septic failures, overflows, leaching into the ground water and unsanitary conditions during wet conditions. The city was incorporated in 2008 with the citizens main priority with several public meetings to provide a sewer collection system to themselves because of the troubles as described above. The project consists of 56,000 ft of gravity sewer lines, two lift stations, 5,000 ft of force main, 160 manholes and decommissioning of approximately 514 septic tanks.	CWT	ADC	$39,300,000.00	70%			

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POTW													
36	46	15139	Los Fresnos		6,280	The City's existing municipal wastewater collection system consists of sections of old vitrified clay pipe (VCP) lines, fractured PVC pipes, and multiple dilapidated sewer manholes. All of these are the main causes of infiltration and inflow (I&I) and in some cases sanitary sewer overflow. Excess I&I creates excessive costs during wastewater treatment but most importantly creates human health safety hazards. The need is to rehabilitate (repair or replace) pipelines and manholes to reduce I&I and substantially reduce the amount of energy used to process wastewater. Proposing wastewater improvements which include rehabilitation of existing wastewater infrastructure. Rehabilitate approx. 27,000 LF of existing Clay Sanitary Sewer Lines and rehabilitate approximately forty (40) manholes.	CWT	C	$5,538,618.00	70%			
37	45	15081	Stinnett		1,857	The existing WWTP was constructed in 1977 and utilizes two Imhoff tanks for primary treatment. Flow is then routed to three stabilization ponds which operate in series. Aside from regular maintenance, the plant has not undergone any significant improvements since initial construction. Existing treatment units have reached the end of their useful life and no longer operate as originally intended. The treatment units are not only an outdated form of treatment technology, but also predate current TCEQ requirements. Consequently, TCEQ rules will not allow rehabilitation of these units as they do not meet current design standards for depth, configuration, influent loading, and inlet/outlet structures. Therefore, a new WWTP is required in order for Stinnett to maintain compliance with rules governing public health and safety. The proposed treatment facility will consist of a headworks facility, bar-screen, and facultative lagoon for primary treatment of wastewater. The project will also include a new storage pond and irrigation system for land application of treated effluent. Additionally, a new lift station is required to convey wastewater to the proposed facility. The facultative lagoon and storage pond will include a new synthetic liner and leak detection system.	CWT	PADC	$5,286,980.00				

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POTW													
38	43	15131	Slaton		6,077	The new force main is needed to provide redundancy and the new generator is needed to provide emergency power. The proposed project will allow the City redundancy in their wastewater system for long term operations as well as to allow the City to remove the existing force main from service to perform maintenance and repairs. The proposed project will eliminate a single point of failure for the wastewater system. The City is also proposing this installation of a permanent generator at the main lift station. This generator will allow the City to maintain operation of a large portion of their wastewater collection system if power were interrupted to the main lift station. The City is also planning to replace approximately 20,000 linear feet of wastewater collection lines and manholes throughout the distribution system. These improvements will be aimed to address the portion of the collection system which have reached the end of its useful life are likely a significant contributor to the inflow and infiltration seen in the collection system. The project includes development of an Asset Management Plan.	CWT	PDC	$11,948,000.00	70%	Yes-BC	$11,948,000.00	
39	41	15138	Greater Texoma UA		737	GTUA/City of Valley View proposed project includes the reconstruct/upgrade of the current Wastewater System to include replacement of waterlines and rehabilitation of the Wastewater Treatment Plant. The intent of the project is to reduce the infiltration rate, replace leaking sewer lines to improve water loss, and increase the system capacity.	CWT	C	$15,542,460.00		Yes-BC	$4,000,000.00	
40	41	15022	Grapeland		1,489	The project is needed primarily to allow the means to take the existing plant clarifier out of operation for needed maintenance. Other secondary needs include addition of air diffusors in the chlorine contact chamber of the plant. Provide for the ability to perform maintenance on the existing clarifier, consider WWTP expansion, and study collection system to find ways to reduce infiltration/inflow.	CWT	PDC	$7,505,000.00	70%			

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POTW													
41	41	15052	Gladewater		6,819	Collection system upgrades will address aged and failing collection system piping that is a significant source of I&I. as well as allow compliance with TxDOT highway upgrades. WWTP upgrades will improve plant function and allow compliance with regulatory permitting. Collection system upgrades include lift station improvements and removal and replacement of failing sewer lines identified by recently completed smoke testing and sewer condition assessment. Also sewer line and lift station relocations as required for TxDOT highway widening projects. WWTP upgrades will include sludge handling upgrades, rehabilitation of equalization pond, and electrical and control upgrades. This project will include an Asset Management Plan.	CWT	PDC	$3,745,000.00	70%			
42	41	15108	Angleton DD		19,500	Repair/replace/right-size WW system assets that are near or have exceeded useful life. Rehabilitating the Oyster Creek Wastewater Treatment Plant. Repair/replace wastewater collection lines. Rehabilitate five (5) of the City's wastewater lift stations. Rehabilitating the Oyster Creek Wastewater Treatment Plant. Repair/replace wastewater collection lines. Rehabilitate five (5) of the City's wastewater lift stations.	CWT	PDC	$34,519,997.00				
43	40	15110	Alba		753	The purpose of this project is to reduce the City's overall I&I to improve the WWTP's efficiency. Remove and replace the highest aged and deteriorated sewer lines within the sewer collection system. These lines are old clay lines that encounter frequent leaks, breaks, and contribute to above average inflow and infiltration into the collection system. Smoke testing will be utilized during the planning phase of the project to identify the most critical line segments for replacement.	CWT	PDC	$1,510,000.00	70%			
44	40	15091	Tenaha		1,140	The existing system is old and in constant need of maintenance. Collection lines fail and inflow and infiltration are major problems that put stress on the treatment system. The system is unreliable and unsafe to the environment. The treatment system is unreliable and not as effective as it could be. Project will consist of improvements to the wastewater collection and treatment system.	CWT	PDC	$2,725,000.00	70%			

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POTW													
45	40	15044	Jefferson		1,883	Existing failing and undersized gravity sewer lines are significant sources of I&I and contribute to high flows at the WWTP as well as operation problems including clogging and sewer backups and overflows. Project will upgrade existing lift stations and gravity sewer lines within the existing sanitary sewer collection system.	CWT	PDC	$4,290,000.00	70%			
46	36	15142	Springtown	TX0032646	3,051	The City's wastewater collection system has deteriorated to the point that peak flows at the wastewater treatment plant have reached high levels. This is because of extraneous flows entering the wastewater collection system. The project includes smoke testing and an infiltration/inflow study as well as manhole rehabilitation. We have included WWTP flow records that show extraneous flows in the system that can be removed by this project. The project includes an Asset Management Plan.	CWT	C	$1,050,000.00		Yes-BC	$1,050,000.00	
47	35	15099	Roaring Springs		231	By completing the proposed upgrades to the collection system, the City will be able to consistently meet capture and transport wastewater efficiently to the wastewater treatment plant. This project will include the replacement of approximately 2,500 linear feet of wastewater sewer lines with the construction of six new manholes for access to the lines. Changes in grading may also be necessary as a result of the new sewer lines. The City is also requesting rehabilitation of their existing irrigation discharge system.	CWT,GPR	PDC	$1,540,500.00	70%	Yes-BC	$1,540,500.00	
48	35	15016	Runaway Bay		1,590	The wastewater collection system currently experiences a number of sanitary sewer overflows that flow into Lake Bridgeport, creating a potentially significant environmental problem. There are a number of capacity restrictions and facilities in poor condition as well throughout the system. The emergency wastewater recommendations consist of the following projects: 1. Runaway Bay Drive 15/18-inch Gravity Main Replacement; 2. Tryall Lift Station Rehabilitation and Expansion; 3. WWTP Improvements; 4. Port-O-Call Drive 12-inch Gravity Main Replacement; 5. Runaway Bay SSES; 6. Jim Walters Drive East 12-inch Gravity Main Replacement; 7. Jim Walters Drive West 12-inch Gravity Main Replacement; 8. Northwest Manhole Replacement; 9. SCADA System Upgrades; and 10. Long-Term Rehabilitation and Collection System Master Plan.	CWT	PDC	$6,625,000.00				

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POTW													
49	35	15079	Harlingen Water Works System		71,059	HWWS has 27,600 active retail and wholesale water meters that are read manually on a monthly basis. Unaccounted-for water represents approximately 9% of total water production, most of which consists of apparent losses associated with under-reporting mechanical water meters that make all but six of HWWS's active meters. Customer leaks typically go unnoticed until an abnormally high water bill alerts either HWWS's customer service or the customer that a leak is present. Distribution system leaks that are not apparent at the ground surface make up the second highest source of unaccounted for water losses in the distribution system, and HWWS currently does not have an effective leak detection program to identify such leaks. The project proposes to replace 21,206 existing, active mechanical meters with electronic smart meters and associated AMI endpoints, telemetry, and software for a fully functional AMI system.	GPR	C	$16,765,000.00	70%	Yes-BC	$13,972,760.00	
50	33	15126	Upper Leon River MWD		255	The District currently has excessive concentrations of molybdenum in the WWTP sludge, preventing the District from land applying its WWTP sludge at its existing land application site, which results in a substantially higher operating cost for the District. The project will include the addition of redundant clarification to provide operational flexibility for maintenance and upgrades to the solids handling and dewatering systems to provide alternative solids disposal options at the existing WWTP. The proposed project will also include the development of an Asset Management Plan for the District's wastewater system.	CWT	PDC	$8,982,000.00		Yes-BC	$8,982,000.00	

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POTW													
51	33	15112	Fort Worth		812,515	The new WRF will relieve the collection system, defer the need to expand the Village Creek Water Reclamation facility, and will provide a new source of MBR quality reuse water that will allow the City to expand its reuse program to the west side of Fort Worth. The City of Fort Worth plans to construct and begin operation of the Mary's Creek Water Reclamation Facility (MCWRF) by summer of 2028 to serve the growing population in the western part of the City. The initial phase will be a 10 MGD green-field plant, expandable to 15 MGD. Flow from the proposed MCWRF service area is currently treated at the Village Creek Water Reclamation Facility (VCWRF). The MCWRF will relieve the collection system and will defer expansion of the VCWRF. The MCWRF will feature membrane bioreactors (MBRs). The compact MBR footprint will maximize the treatment capacity potential of the plant site should expansion beyond 15 MGD become necessary. The new facility will include flow equalization and peak flow storage, two levels of fine screens, grit removal, activated sludge biological nutrient removal (BNR), MBRs, disinfection, a new outfall structure, and supporting infrastructure. Goals of this project is to implement lessons learned from other MBR facilities and adopt innovative approaches to BNR to optimize process stability, minimize chemical use, reduce power requirements and to beneficially reuse biosolids produced at the plant.	CWT,GPR	C	$208,000,000.00		Yes-BC	$112,000,000.00	
52	32	15082	Pearsall	TX0032719	9,346	Install new sanitary sewer service and eliminate the need for individual on-site sewage facilities, and the risks associated with OSSF degradation, maintenance concerns, and potentially broken or non-functioning systems. This project includes providing sanitary sewer service to homes and businesses on the east side of I-35 business road, along with two new lift stations and a force main. Project will provide service laterals for the newly annexed properties along I-35 BL. Completion of an Asset Management Plan for the wastewater system. Any remaining funds toward WWTP rehabilitation.	CWT	AC	$8,636,000.00	70%			

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POTW													
53	31	15120	Mason		2,114	By completing the proposed upgrades to the collection system, the City will be able to consistently meet capture and transport wastewater efficiently to the wastewater treatment plant and significantly reduce the risk of sanitary sewer overflows in the collection system. The City of Mason needs to replace and rehabilitate multiple components of its collection system by installing a new lift station, rehabilitate seven (7) lift stations within the City, and replace approximately 5,000 LF of sewer collection line. The existing lift station pumps are planned to be replaced with new submersible pumps with VFDs and controls. The system piping has experienced severe infiltration and inflow due to the age and deterioration of the collection system and is need of replacement. The area of the proposed lift station contains elevation challenges and shallow collection lines, leading to near overflow of existing manholes in this area. A new lift station is proposed to improve existing collection line depths and reduce the potential risk of sewer overflows.		PDC	$10,823,360.00		Yes-BC	$10,000,000.00	
54	31	15075	Winters		2,500	The dilapidated piping experiences severe infiltration and inflow (I&I) during rain events and the aged manholes have been known to collapse causing line blockage. The existing wastewater collection system suffers from significant I&I, pipe blockages and collapsed manholes. The City is applying for funding to help address identified problem areas and restore the integrity and reliability within the collection system.	CWT	PDC	$3,422,000.00	70%	Yes-BC	$2,500,000.00	

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POTW													
55	31	15104	Junction	TX0021075	2,507	The City has had TCEQ enforcement actions issued to correct their operations. The City has also had several members of the public express concerns with the existing plant at a TCEQ mandated public hearing. The City of Junction wastewater treatment plant currently consists of five (5) lagoons in series and a DAF unit to treat all of the city's waste. The City has a history of violating their TCEQ discharge permit with high E-coli concentrations being discharged into the Llano River. The City has been citied several times for this and has had trouble renewing their TPDES permit due to public hearings and a history of violating their permit. The proposed project mainly consists of installing and implementing a chlorine (Sodium bisulfate) contact chamber and aeration equipment, metering pumps, and other minor miscellaneous items required to treat the raw effluent to a higher quality in order to ensure that the City stays in compliance with their TPDES discharge permit. The WWTP is also in need of general rehab and improvements. The bar screen, headworks, and effluent flow measuring device need to be refurbished. City-Wide Sanitary Sewer Asset Management Plan.	CWT	DC	$555,000.00				
56	30	15060	Angelina Co WCID # 4		170	The Lift Station No. 1 and the Lift Station No. 2 of Angelina County WCID #4 had an alleged TCEQ violation of overflowing sewage onto the adjacent property and to a tributary of Cedar Creek located to the south of the lift stations. The proposed project will replace pumping equipment and control system. The proposed project will also do a collection system study for the lift station service area.	CWT	PDC	$300,000.00			$300,000.00	
57	30	15059	Riverside		639	The existing sanitary sewer infrastructure for the City of Riverside is a lagoon pond system that is severely outdated and under-sized to meet the city's growing wastewater treatment demands. A new 0.140 conventional wastewater treatment plant will be of great benefit to the entire population of the city, as well as meet their future wastewater treatment capacity needs.	CWT	PDC	$2,600,000.00		Yes-BC	$150,000.00	

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POTW													
58	30	15068	Chico		946	Violations in NH3-N for 9 months between May 2019 and August 2021 and various exceedances between July 2018 and May 2019. The City has exceeded NH3-N limits of their TPDES Permit for a total of 9 months between May 2019 and August 2021. The City is also under TCEQ enforcement for effluent limit violations, of mostly NH3-N, between July 2018 and May 2019. The City has first renewed their TPDES permit and no additional flow nor more stringent limits are expected. Therefore, the City will expand their existing treatment capacity to bring their plant into lasting compliance.	CWT	PDC	$5,223,000.00				
59	30	15122	Harlingen Water Works System		71,059	The integrated influent lift station and headworks at HWWS's WWTP are undersized, have hydraulic design flaws that cause surcharging in the upstream collection system, and are ineffective at removing grit. The peaking factor for actual flows exceeds the WWTP's rated peaking factor by 40% or more. The proposed project includes an upsized replacement of the influent lift station with greater depth, an above-ground headworks with greater capacity and upgraded grit removal, and a new flow equalization basin to manage excess peak flows.	CWT	C	$33,315,000.00				PIF 14344 (2023)
60	30	15018	North Texas MWD		81,383	Muddy Creek WWTP has exceeded the MCL for E-Coli a total of six (6) times in the last five years. All occurrences were documented during peak flow events. The primary objective of this project is to expand the MCWWTP to a full buildout capacity of AADF of 12.5 MGD and P2HF of 37.5 MGD while maximizing the use of the existing assets at the plant. The MCWWTP Expansion Facility Improvements include expansion of influent pumping capacity, primary and secondary treatment trains, tertiary filtration, and disinfection, as well as replacement of the solids dewatering equipment to accommodate the increased design loading and anticipated stricter Total Phosphorus limit associated with the 12.5 MGD expansion. A new operations building is also included to provide additional office and laboratory space to conduct plant operators. Secondary objectives of this project address concerns with BOD loading capacity and insufficient disinfection. This project will address inadequacies in capacity, disinfection dose, and unequal treatment across channels in the UV system.		C	$112,715,000.00				

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POTW													
61	30	15153	Houston		3,563,653	On April 1, 2021, the U.S. District Court for the Southern District of Texas approved a consent decree between the City of Houston, the United States Environmental Protection Agency (EPA) and the State of Texas to improve Houston's wastewater system. The Decree requires completion of Early Action Projects which includes the evaluation and possible renewal/rehabilitation or replacement of lift stations throughout the system. Rehabilitation of existing wastewater lift stations (LS) within the City's Combined Utility System. Aging facilities require renewal or replacement of core components (electrical, mechanical, structural, flow control and monitoring) to restore designed function and performance. Rehabilitation of LS addresses direct and contributing factors to sanitary sewer overflows, and is a component of the Consent Decree entered into by the City, US Dept of Justice/EPA and State of Texas/TCEQ to address unpermitted SSOs.	CWT	C	$44,000,000.00				
62	30	15154	Houston		3,563,653	On April 1, 2021, the U.S. District Court for the Southern District of Texas approved a consent decree between the City of Houston, the United States Environmental Protection Agency (EPA) and the State of Texas to improve Houston's wastewater system. The Decree requires completion of Early Action Projects which includes the evaluation and possible renewal or replacement of force mains throughout the system. Rehabilitation/replacement of existing wastewater force mains (FM) within the City's Combined Utility System. Aging facilities require renewal or replacement to restore designed function and performance. Rehabilitation of FM addresses direct and contributing factors to sanitary sewer overflows, and is a component of the Consent Decree entered into by the City, US Dept of Justice/EPA and State of Texas/TCEQ to address unpermitted SSOs.	CWT	C	$44,000,000.00				
63	29	15121	Miles		870	The effluent from the WWTP is currently land applied at a nearby site via a TLAP permit. The WWTP is nearing its useful life and in need of upgrade and/or replacement and the City wants to evaluate improvements needed to the WWTP and its collection system. The City owns and operates a WWTP that consists of an imhoff tank and lagoon system. Completion of an Asset Management Plan will be included in this project.		P	$300,000.00		Yes-BC	$300,000.00	

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POTW													
64	29	15065	Spur		1,100	The City's wastewater collection system experiences significant I&I during wet weather events which dramatically overload the existing system. Improvements are necessary to reduce the risk of system overflows and restore reliable sewer service to the residents of the City. In doing so, the City will improve the environmental safety to both residents and wildlife. The City is proposing to make improvements in the wastewater collection system by renovating and replacing manholes and sewer collection lines. The majority of the existing system is comprised of old clay tile sewer lines and brick manholes which are no longer water-tight. Many of the collection lines have collapsed and the City has to continually clean the old lines to restore proper flow. The system experiences significant infiltration & inflow (I&I) during rainfall events which results in increased flows at the WWTP. The City is proposing to perform flow metering out in the collection system during the planning phase in order to identify the most severe areas contributing to the I&I issue. The planning phase information will help to direct design decisions and plan development. The project will include the development of an Asset Management Plan.	CWT	PDC	$4,452,000.00	70%	Yes-BC	$4,720,000.00	
65	29	15063	Albany		1,983	The City needs to replace or rehab multiple components of its collection system and WWTP. The City's collection system, requires replacement of approx. 15,000-LF of gravity sewer line, as well as replacing pumps, valves and piping at four of the City's wastewater lift stations. The City's WWTP, requires replacement of its failed screening system and adding a grit removal system to reduce capacity losses in its aeration basin. A new influent flow measuring device is required. The aerators need to be replaced to restore capacity. The gear mechanisms of the existing clarifiers need to be replaced. The chlorine building has deteriorated due to chlorine exposure and is also in need of replacement. The WWTP is in need of second sludge dewatering container to provide redundancy and the ability to waste sludge when the existing container is off-site. The City plans to add a SCADA system to the plant to ensure operation during storm events as well as optimizing the plant to better meet discharge limits. An asset management plan will be prepared with this project.	CWT	PDC	$10,810,000.00	70%	Yes-BC	$7,655,000.00	

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POTW													
66	29	15025	Travis County		1,226,805	The project is needed to provide reclaimed water service to the new Travis County Courthouse. This will result in substantial water conservation for this new governmental building. There are no health or compliance factors, or MCL violations or physical deficiencies. Travis County is interested in extending reclaimed water service to the new Travis County Courthouse. This reclaimed water project will be the final component in completing the One Water water system for the Travis County Courthouse. The project includes the planning, engineering, permitting and construction of approximately 2,400 linear feet of 8" diameter reclaimed water line and associated appurtenances necessary to provide reclaimed water service to the proposed Travis County Civil and Family Courthouse and the University of Texas Administration Building. The project will include an Asset Management Plan.	GPR	DC	$3,350,000.00		Yes-BC	$3,350,000.00	
67	28	15011	Lago Vista		8,769	This is a dual purpose project. It includes an increase in plant capacity from 1.0 MGD to 1.5 MGD, and a change in the treatment process to switch from Type 2 to Type 1 effluent. This would help the City save approximately 400,000 gallons per month in treated potable water. Rehabilitation of the existing headworks, replacement of aeration equipment, expansion of the disinfection equipment, adding a new filter structure, and modifications to the solids processing equipment, including adding a new sludge holding tank. This project will include an Asset Management plan.	CWT	DC	$27,000,000.00		Yes-BC	$27,000,000.00	

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POTW													
68	28	15129	Snyder	TX0047899	10,753	The City desires to enhance their existing wastewater and water distribution system. Improvements made to the City's wastewater treatment plant (WWTP) Supervisory Control and Data Acquisition (SCADA) system will enhance operations and efficiency. Improvements made to the City's wastewater collection system will aid in maintaining the system's useful service life. The proposed advanced metering infrastructure (AMI) system upgrade will support the City in detecting leaking waterlines, reducing water loss, and increasing system accuracy. The proposed improvements will aid the City in establishing a more robust water and wastewater system, while also increasing efficiency. The City aims to enhance its wastewater system by improving components of their WWTP, wastewater collection system, and water distribution system. The City desires to enhance operations at their WWTP by improving the existing SCADA system. Improvements should also be made to the existing wastewater collection system. Aging gravity sewer lines should be replaced to maintain the useful service life of the collection system. The City also desires to enhance their water distribution system by upgrading the existing residential metering system with new advanced metering infrastructure (AMI) system improvement. The AMI system will replace existing residential water meters, increasing system accuracy, efficiency, and aiding in reducing water loss. The system upgrade will support the City in enhancing their wastewater system and water distribution system. The proposed project will also include an Asset Management Plan.	CWT	PDC	$12,444,000.00	70%	Yes-BC	$12,444,000.00	

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POTW													
69	27	15124	Loraine		602	The current collection system facilities are lacking compliance in the areas mentioned below. This project will correct the issues listed and allow upgrades to the system to meet TCEQ requirements. The project will include improvements to two existing lift stations within the system and improving undersized, deteriorated collection lines. It will include sludge removal and repair of the WWTP lagoons and irrigation disposal equipment. Repairing and/or replacement of the existing terminal lift station located at the WWTP, and repair of the irrigation center pivot used for effluent disposal, as these too have been in service for 20 years and requires repair/replacement of deteriorated components. The aging collection system infrastructure imposes a burden of frequent maintenance, and inflow and infiltration of excess groundwater into the collection system. This project will help update the system to upsize any remaining 4-inch diameter pipe and limit manhole spacing to a max 500 linear feet TCEQ requirements.		PDC	$3,800,000.00	70%	Yes-BC	$2,700,000.00	
70	27	15125	Seminole		8,917	The City's wastewater collection system experiences significant I&I during wet weather events, so improvements are necessary to reduce the risk of system overflows. In doing so, the City will improve the environmental safety to residents and wildlife. The City is proposing to make improvements in the wastewater collection system by upgrading existing lift stations and appurtenances. The City proposes to upgrade lift stations in the collection system that have exceeded the intended design life and have reached a condition where replacement / upgrade is required. This Project will include the construction of a reuse system which will utilize non-potable water as the source of irrigation water at City Parks to ease the strain on the potable water source and distribution system. The City desires to upgrade the existing metering system with a new advanced metering infrastructure (AMI) system improvement. The AMI system will replace existing residential water meters, increasing system accuracy, efficiency, and aiding in reducing water loss. The system upgrade will support the City in enhancing their wastewater system and water distribution system.	CWT,GPR	DC	$11,135,000.00		Yes-BC	$6,160,000.00	

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POTW													
71	26	15096	Wharton		8,627	The City's WWTP 1 has exceeded its design service life and is in need of replacement or rehabilitation of the concrete basins, sewage and air piping, valves, and gates. This proposed project is needed to avoid sanitary sewer overflows, basin leaks, piping leaks and excursions of untreated waste into the Colorado River. To mitigate the risks of an excursion, we are proposing, headworks and lift station improvements including concrete repair, valve and piping replacement, and pump replacement. The headworks is the beginning of the treatment process and holds untreated waste. Replacement of airlines in the aeration and digester basins The digester requires replacement to avoid any leaks or line breakages. By replacing these lines, we avoid an overflow or excursion in the future. And gate replacements in the chlorine contract basin to prevent overflow.		PDC	$3,559,000.00	70%			
72	25	15145	Moran		178	Clay sewer lines are brittle and subject to cracking or completely breaking. This in turns allows inflow and infiltration (I&I) to enter the collection system and can cause sewer backups into homes. This project consists of replacing clay sewer lines throughout the City.		PDC	$500,000.00	70%	Yes-BC	$350,000.00	
73	25	15067	Woodloch		741	The Town of Woodloch's sanitary sewer system is significantly outdated and in need of replacement. The existing sanitary sewer lines experience significant inflow and infiltration (I&I). Project includes replacement of 15,000 LF of sanitary sewer lines that are dilapidated and in poor condition.	CWT	PDC	$985,000.00		Yes-BC	$30,000.00	
74	25	15004	East Rio Hondo WSC	TX0127086	1,131	The RHMS Wastewater Lift Station serves the RHMS with 525 students, teachers, and administrators. There is no backup power and ERHWSC has no portable backup generator for its system. The school may be used as an emergency shelter during severe weather events. Project is for additional backup power & generators. Continuous wastewater pumpage is critical.	CWT	PDC	$399,000.00	70%			
75	25	15039	Keene	TX0106291	6,266	Inflow & infiltration and sewer overflows. The proposed project includes replacing approximately 10,000 linear feet of old, deteriorated clay sewer line and lift station improvements. The City has had to complete numerous emergency sewer line repairs due to collapsed clay sewer lines.	CWT	PADC	$2,235,000.00	70%	Yes-BC	$1,000,000.00	

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POTW													
76	25	15003	Kingsland MUD		7,400	The facility will replace the existing 10,000 gpd steel septage pretreatment facility which was constructed in 2006. The existing facility is corroded and is in immediate need of structural repairs. KMUD solicited an engineering design proposal in early 2023 and anticipates bidding the project in late 2023 with substantial completion in early 2025. The project includes a new concrete septage pretreatment facility to include screening, grit removal, aeration, clarification, and sludge drying beds with a capacity of 20,000 gpd; and necessary LCRA permitted water quality controls. The facility serves as a regional disposal site for septage haulers and facilitates maintenance of OSSFs in the unincorporated Llano and Burnet County areas. Treated effluent from the facility is discharged into KMUD's Main WWTP. The solids are processed and recycled at KMUD's adjacent sludge composting facility where they are sold to the public for landscaping.	CWT	PDC	$9,600,000.00				
77	22	15090	Streetman		345	The Streetman WWTP is a concrete "bulls-eye" style plant that was constructed in the mid-1970s and is nearing the end of its expected service life. The WWTP has been maintained through mechanical equipment repair and/or replacement with repair/replacement of equipment beginning to occur more frequently. Additionally, evidence of structural cracking has been observed around the perimeter of the WWTP. This structural cracking has shown minor leaking from the wetted area to the exterior of the plant structure and repair efforts have been largely unsuccessful. With the WWTP having reached its expected service life and the evidence of structural cracking, replacement of the WWTP is recommended. This project involves construction of a new WWTP on the same 9-acre property presently owned by the City of Streetman. The existing influent lift station will be upgraded to convey wastewater to the new WWTP location. The new WWTP will consist of a package WWTP with provisions for onsite sludge dewatering in accordance with 30 TAC 217. The city will also complete an Asset Management Plan as a part of this project.	CWT	PDC	$7,916,950.00	70%			

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POTW													
78	22	15048	Justin		4,441	The City of Justin outgrew their existing wastewater treatment facility. The City has recently joined TRA (Trinity River Authority) and plans on connecting the entire City's wastewater to the Denton Creek Regional Wastewater Treatment Plant. The City of Northlake is building a line to IH-35 where the City of Justin could connect. This project is thought to be a regional solution to wastewater as there would be connections from City of Northlake along the line where Justin is planning to build. Building this sewer line would eliminate the existing WWTP and provide Justin relief from maintaining the WWTP. The original application included a plant expansion as the growth has necessitated the expansion planning; however, this sewer line would replace that expansion and saves the City millions over the previously contemplated WWTP. Also this eliminates a WWTP in the Denton Creek basin. The project will include an Asset Management Plan.	CWT	ADC	$26,243,320.00				
79	21	15117	Log Cabin		749	The City of Log Cabin has had TCEQ violations that inform the town that its wastewater treatment plant does not maintain proper aeration in the tanks due to the tanks having a high amount of sludge. The next violation was having outdated pumps in the equalization tank. This is the effect of only one of the two pumps in the equalization tank working. The following violation is failure to maintain piping between treatment plants. There is evidence of broken piping between the treatment units and the trust block is in poor condition. The rehabilitation of the wastewater preliminary treatment (WWPT) will include the construction of a new bar screen, rotating industrial fine screen to help remove wastewater components. A settling basin is also planned for the proposed project. Also, two new pumps will be installed in the flow equalization tank to pump wastewater from the screens up to the surface level of the facility. New yard piping is proposed from the WWPT, wastewater secondary treatment, and clarifier tanks. The WWPT rehabilitation consists of a bar screen, rotating industrial screen, addition of a wastewater primary settling tank that aids in the removal sludge, grease, and organic solids. The building of two drying beds will be involved in the WWTP rehabilitation. Sludge will be removed from the wastewater in the preliminary treatment phase of the treatment process.	CWT	PDC	$570,000.00	70%			

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POTW													
80	21	15062	Blanco		2,086	The City of Blanco to undertake numerous wastewater related projects: 1. Replace Lift Station-End of useful life; 2. Sewer Main and Manholes-Excessive I/I and poor condition; 3. Treated Effluent Storage Pond-Curtail effluent discharges to Blanco River; 4. Pond berm augmentation to increase storage and reduce effluent discharge into the Blanco River; and 5. Asset Management System will allow City to operate the Water and Wastewater System better and ensure permit compliance.	CWT	ADC	$20,227,290.00		Yes-BC	$5,400,000.00	
81	21	15133	Stamford	TX0025411	3,126	Existing infrastructure such as the pump station, collections lines and manholes are continuing to fail. The City of Stamford (City) is proposing to make improvements in the wastewater system by making screening, clarifier, pump station, oxidation ditch aerator, solids handling, and electrical and SCADA improvements at the wastewater treatment plant and by replacing outdated infrastructure in the wastewater collection system. The existing wastewater collection system is aging and includes three lift stations, force mains, 6” gravity main, 8” gravity main, and 10” gravity main all of which transport wastewater to the WWTP. The existing lift stations are nearing the end of their useful life and often fail and subsequently require regular repairs. An Asset Management Plan will be developed.	CWT	PDC	$18,600,000.00	70%	Yes-BC	$18,600,000.00	
82	21	15084	Redwater		4,356	The sanitary sewer plant is aged and failing. Many components have reached the end of operational service life and must be replaced. Upgrades are required to protect the environment and human health from potentially contaminated site conditions and effluent discharges. The WWTP experiences Infiltration and Inflow (I&I). Condition assessment and targeted rehabilitation of the collection system is necessary to reduce I&I and reduce loading of stormwater runoff at the WWTP. Condition assessment and targeted rehabilitation of the collection system is necessary to reduce I&I and reduce loading of stormwater runoff at the WWTP. Replacement of aged and failing components of the WWTP and condition assessment and targeted rehabilitation of the collection system. This project will include an Asset Management Plan.		PDC	$5,740,000.00	70%			

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POTW													
83	21	15073	Venus		4,368	The City currently has no way to collect or convey sewage from the Northern or Southern portion of the City. Development plans and plats are unable to be approved for construction due to a lack of capacity because of a rapid development interest. The City is installing and operating a temporary wastewater treatment plant for one 400 unit development and will be able to remove this plant from operation as well as eliminating the need for additional package plants.	CWT	PADC	$24,530,000.00				
84	21	15053	Mineola		4,515	Collection system upgrades will address aged and failing collection system piping and appurtenances that contribute to a significant amount of Inflow & Infiltration (I&I). This will further improve the efficiency of the wastewater treatment facility and prevent MCL violations and deficiencies. Wastewater collection system assessment and upgrades to include smoke testing of the existing wastewater collection system, improvements to lift stations, upgrades to collection system sewer lines to replace aging and failing infrastructure that are a significant source if I&I. This project will have an Asset Management Plan.		PDC	$5,500,000.00	70%			
85	21	15013	Lago Vista		6,935	This project will prevent the inadvertent discharge of effluent into Lake Travis avoiding a public health episode. It is currently 20 years old, and the pit liner is in disrepair. There are several rips and tears above the freeboard, and is at risk of leaking Type 2 effluent into a stream that runs beside it, which ultimately drains into Lake Travis. The City irrigates their golf course from this effluent pond, and also pumps it up to another effluent pond. This pond was not constructed with maintenance in mind, and as a result, there are significant algae blooms that occur regularly. This has also caused severe issues with the Golf Course irrigation system. The City's Effluent Pond #17 is the main detention facility for treated Type 2 effluent water. This project involves the repair and rehabilitation of the City's Effluent Pond #17. Project to include: clean, reline, and add two weir walls with associated plumbing. Given the environmentally sensitive location of this pond, this will prevent the City from unintentionally discharging Type 2 effluent directly into Lake Travis, and also allow for the safe removal of any algae build up that occurs. The project includes an Asset Management Plan.	CWT	DC	$11,000,000.00		Yes-BC	$11,000,000.00	

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POTW													
86	21	15128	Brownwood		18,770	The City of Brownwood's (City) existing Camp bowie Lift Station (LS) was originally constructed in the 1940s and has reached the end of its useful service life. The existing LS is antiquated and faces a myriad of issues. The LS's current electrical system is unreliable and outdated, the existing pumps are aging, and the foundation shows evidence of failure. A new LS is needed to address existing issues and enhance water treatment plant operations. The City aims to improve its wastewater system by replacing the existing Camp Bowie Lift Station (LS) at the existing Wastewater Treatment Plant (WWTP). The proposed improvements will include the installation of a new LS, course screen, Supervisory Control and Data Acquisition (SCADA) system, and electrical system. An asset management plan will also be developed as part of this project.	CWT	PDC	$13,035,000.00	70%	Yes-BC	$400,000.00	
87	21	15012	Denison	TX0047228	24,324	The project is needed to ensure acceptable wastewater treatment for the City. The City operates the Paw Paw Wastewater Treatment Plant (PPWWTP), which provides wastewater services for most of the City's service area. This project will involve improvements to the plant headworks and the aeration basins. This project will include an Asset Management Plan.	CWT	DC	$28,000,000.00	70%			15010 (2024)
88	21	15061	Abilene		125,182	The proposed project includes upsizing of the 36-Inch West Interceptor within the collection system. The planned projects will improve the system capability of mitigating peak wet weather events and help to reduce the potential for collection system surcharging and corresponding sanitary sewer overflows. An asset management plan will be prepared with this project.	CWT	PDC	$61,013,500.00				
89	20	15136	Graford		730	The wastewater treatment plant has multiple violations as a result of the inflow and infiltration (I/I) caused by defective manholes. Violations include multiple failures to meet the limit for one or more permit parameters as well as failure to maintain compliance with the TCEQ permitted effluent limits. The proposed project consists of making improvements to the collection system by replacing approximately 20 brick manholes throughout the City which are known to cause I/I. The existing manholes are old and deteriorated and need to be replaced. The proposed project phases would include planning, design and construction.	CWT	PDC	$369,600.00	70%	Yes-BC	$369,600.00	

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POTW													
90	20	15140	Strawn		759	The City's WWTP is experiencing high influent flows due to the inflow/infiltration (I/I) of water into the distribution system due to deteriorated lines, manholes, and rainfall into one of the lift station. The smoke test, replacement of manholes, and lift station awning will aid in reducing the amount of I/I into the distribution system. The proposed generator at one of the lift station is for the purposes of meeting TCEQ requirements in TAC Chapter 217 RULE 217.36 Emergency Power Requirements. The fence around one of the lift stations is for the purposes of meeting TCEQ requirements in TAC Chapter 217 Rule 217.328 Wastewater Treatment Facility Access Control. The lighting and winch at the WWTP is for the purposes of meeting TCEQ requirements in TAC Chapter 217 RULE 217.323 Hazardous Operation and Maintenance since during low visibility operations/maintenance there is no existing lighting to allow the operators to safely operate and maintain the WWTP. The City proposes to perform wastewater system improvements. These improvements include the replacement of existing manholes that are severely deteriorated, smoke testing the wastewater distribution lines to check for leaks and broken pipes as to solve current inflow/infiltration issues due to the broken pipes, furnishing and installing an awning at one of the lift station as to prevent infiltration from heavy rainfall, furnishing and installing a generator at one of the lift stations to provide power in the case of a power outage and meet TCEQ Emergency Power Requirements, furnish and install a fence around one of the lift stations to meet TCEQ requirements, furnish and install a new wastewater influent flow meter at the head of the wastewater treatment plant, furnish and install lighting at the wastewater treatment plant to allow visibility during low light operations, and furnish and install a winch at the WWTP.	CWT	PADC	$425,500.00	70%			
91	20	15029	Glidden FWSD # 1		875	To avoid the possibility of sewage sweeping into the earth and eventually reaching the water table. Replace 8,880 Ft. of 6" and 13,600 Ft. of 8" aging and deteriorating clay sewer pipes with 8" and 10" PVC piping using the busting method, add nine (9) new manholes where existing manholes are further than 500 Ft. apart, and reconnecting 173 existing customers to the new lines.	CWT	DC	$1,976,203.00	70%	Yes-BC	$1,270,530.00	

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POTW													
92	20	15109	Moulton		980	The wastewater facility consists of two treatment plants, the north plant and the south plant. One plant has recently been decommissioned, therefore we are only able to process 121,000 opposed to our permit for 242,000 gallons per day. The operational plant is processing at maximum capacity on a daily basis. Each plant is designed to process 121,000 gallons per day. The north plant is the older plant and is located in the 100-year flood plain. When the river floods because of large rain events, the north plant and its drying beds, are flooded and the plant contents are washed into the river. The CWSFR program improvements include north plant demolition, abandonment, site restoration, splitter box with force main from lift station, new 121,000 GPD plant, belt filter press, building for sludge management, effluent discharge system improvements, lab, control, electrical building, power generation set w/auto transfer switch and yard piping.		PDC	$8,200,000.00	70%			

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POTW													
93	20	15054	Florence		1,093	The existing WWTP is over 40 years old and does not meet current Texas Commission on Environmental Quality (TCEQ) design guidelines. The existing plant components include common wall concrete construction and does not allow for the existing WWTP to be modified, improved, or updated. The existing WWTP has only one clarifier basin which is not up to standard. The existing generator is a used, very old military surplus unit. It cannot be relied upon for future use. Parts are no longer available to repair it. Construct new wastewater treatment plant including influent screen, aeration basin, clarifier basins, sludge processing equipment disinfection basin, outfall, electrical, instrumentation, yard piping, generator with automatic transfer switch and site improvements. Construct new influent lift station to completely replace the existing lift station. The new lift station wet well needs to be depended, the new pumps will include variable speed drives to mitigate flow fluctuations into the new WWTP, new guide rail, and hoist lift system, new generator with automatic transfer switch, new electrical and control panel, new stainless steel lid to mitigate deterioration due to hydrogen sulfide, new outlet valve system and new inlet/outlet piping. The new interceptor will be installed deeper to comply with TCEQ rules using PVC type pipe, new manholes, and properly vented per TCEQ requirements. The existing wastewater plant will be abandoned, demolished, and the site cleared.	CWT	PADC	$13,287,640.00	70%			
94	20	15043	Groveton		1,094	This project consists of the replacement of multiple old and deteriorating gravity sewer lines. These lines are failing and contributing to high I&I at the existing WWTP. In addition, the existing ponds at the WWTP are in need of rehabilitation including the removal of existing sludge by physical dredging or biological dredging depending on the recommendation of the EFR. Replacement of existing small diameter gravity sewer mains and rehabilitation of the existing WWTP ponds, including the removal of all sludge. Replacement of existing small diameter gravity sewer mains and rehabilitation of the existing WWTP ponds.	CWT	PDC	$2,978,000.00	70%			

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POTW													
95	20	15019	Shallowater		3,108	The City of Shallowater is currently at TCEQ's 75/90 rule. The best option moving forward is to begin planning for a new wastewater treatment facility and upgrades to the wastewater collection system. Design and construction of a new wastewater treatment facility, new gravity lines, new lift station(s).	CWT	PADC	$27,135,000.00				
96	20	15056	Grand Saline		3,215	The system has old deteriorated broken collection lines in a creek bottom area. These lines are 22-30' deep. Due to the depth, conventional replacement or repair by City crews isn't feasible. The inflow and infiltration are overwhelming the treatment plant. During and after rain events, the treatment plant outflow isn't meeting requirements. Replacement of deep collection system lines and manholes.		PDC	$2,470,000.00	70%			
97	20	15130	Ballinger		3,767	Current system struggles with collection system surcharging and corresponding sanitary sewer overflows. The City's wastewater collection system is capacity deficient in numerous segments of the system and also experiences significant I&I during wet weather events, therefore collection system capacity improvements are necessary to reduce the risk of system overflows. The proposed improvements include upgrades to multiple lift stations within the collection system, emergency power generators at each lift station and WWTP, and also includes the replacement of individual pipe segments throughout the collection system. The planned projects will improve the system capability of mitigating peak wet weather events and help to reduce the potential for collection system surcharging and corresponding sanitary sewer overflows.	CWT	PDC	$11,669,000.00	70%	Yes-BC		
98	20	15074	Alamo		19,493	The existing lift station is approx. 50 years old and beyond repair. The station will be abandoned and replaced. The station has chronic failures and constant repairs are required to keep it operational. This station is one of the City's Main Lift Station and critical to the reliable operation of the city's entire sewer collection system. The new lift station will be located on property owned by the City. No property acquisition is required. The proposed Tower Rd. Lift Station Site is away from residential customers.	CWT	PDC	$4,462,690.00	70%			

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POTW													
99	20	15095	Military Highway WSC		23,027	These upgrades are need to maintain and provide service for the growing service area of Military Highway Water Supply Corporation (MHWSC). MHWSC will rehabilitate 10 existing lift stations which are in need of maintenance and operational upgrades. The rehabilitation of these lift stations includes the replacement of pumps and motors along with mechanical and electrical components.		PDC	$3,256,000.00	70%	Yes-BC	$400,000.00	
100	20	15040	Nacogdoches		52,250	The existing interceptor is old, deteriorating, and undersized. These interceptor lines are the main collection lines that feed the WWTP. Replace and upgrade the existing Bonita/Lanana sewer interceptor. Proposed line size varies from 24" to 48". Project includes all creek crossings, railroad crossings, land/easement acquisition, survey, etc. This project is Phase 1 of a multi-phase upgrade.		PADC	$18,413,000.00	70%			
101	20	15111	Dallas	TX0047848	1,394,789	Dallas Water Utilities' annual capital budget includes $20M/year for the rehabilitation/replacement of existing wastewater mains citywide. This wastewater main replacement program is intended to maintain overall system age and integrity by replacing older wastewater mains. Replacement of older mains has many benefits including the reduction of inflow and infiltration, as well as reduced sanitary sewer overflows resulting from collapsed or broken pipes.	CWT	DC	$20,000,000.00				2023 PIF 14209

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POTW													
102	18	15028	North Texas MWD		124,589	Data shows that the City of Frisco's population has constantly grown over the past decade and will likely continue this trend into the future. The continual development in areas of the City will require increased reliable service from the WWTP to accommodate its growth. After treatment, effluent from the Panther Creek WWTP discharges into Panther Creek approximately 2.5 miles upstream of Lake Lewisville (a drinking water lake), therefore, plant expansion is critical. The WWTP Data shows that the City of Frisco's population has constantly grown over the past decade and will likely continue this trend into the future. The Panther Creek WWTP was constructed in two phases in 2006 and 2009. The WWTP currently has a permitted discharge capacity of 10 MGD annual average daily flow (AADF) and 30 MDG peak two-hour flow. In order to keep pace with the increasing wastewater treatment flow demands, the flow capacity of the WWTP will need to increase. The goal of the project is to expand the plant The project includes: installation of influent flow meters in a vault; primary clarifier with associated sludge and scum pumps; aeration basin with BNR capabilities; blower building; chemical tank to feed acetic acid to support the biological removal of phosphorous; secondary clarifier; new secondary sludge pump station; filters; ultraviolet (UV) disinfection; and odor control facilities. Improvements to the solids dewatering facility include; installation of new screw presses; polymer feed system; and new WAS storage tank. The project also includes the expansion of the Operations Building, and the construction of a maintenance facility. This project also includes improvements to electrical and instrumentation and Control Systems to support the plant expansion which will include the installation of a Main Electrical Building, transformers, two generators and new fiber optic. Project includes an Asset Management Plan.		C	$124,520,000.00				

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POTW													
103	17	15064	Santa Anna		1,014	The aging sewer lines are very brittle and prone to breakage and clogging and have the potential to be a significant source of inflow and infiltration into the collection system. The existing sewer lines throughout the collection system proposed for replacement are composed of old, brittle materials and prone to breakage and clogging and have the potential to be a significant source of inflow and infiltration into the collection system. Additionally, old brick manholes are allowing significant inflow and infiltration and are in need of replacement. There are also many sections in the existing collection system where the spacing between existing manholes does not meet the minimum spacing required by TCEQ. There is a section in the southeast part of the City that is currently not served by the City's sewer collection system. The proposed project includes replacement of aging sewer lines in the collection system, replacement of manholes, addition of manholes, and the addition of a new sewage lift station. Manholes need to be added to allow the City the capability to properly service the gravity collection lines. A lift station is proposed that would allow approximately 12 residences to be served by the collection system and abandon their septic tanks. The proposed project will also include the development of an Asset Management Plan.	CWT	PDC	$5,335,000.00		Yes-BC	$5,335,000.00	
104	16	15147	Mount Vernon		2,662	The City was most recently cited for effluent violations by TCEQ in 2021. (Docket No. 2021-0853-MWD-E, Enforcement Case No. 60969) The alleged violations were for failure to meet effluent discharge parameters and monitoring requirements. The violations were associated with Total Ammonia Nitrogen daily average concentrations above the limit for the months of March, April, June, September, and October of 2020. The City has been previously cited by TCEQ for failures to meet effluent discharge parameters, most notably ammonia. Reducing I&I by replacing deteriorated portions of the collection system increases the treatment plant's ability to properly treat the wastewater prior to discharge. Plant improvements include replacement of aging aerators in the oxidation ditch, construction of a third final clarifier, construction of tertiary treatment units, improvements to the sludge processing and treatment units, and the installation of SCADA equipment. An Asset Management Plan will be included as a part of the project.		DC	$7,571,835.00				

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POTW													
105	16	15132	Crockett Co WCID # 1	TX0098345	3,800	There is an ongoing issue regarding the impoundment of Johnson Draw immediately downstream of the WWTP discharge location by the landowner of the WWTP site and adjoining properties. By eliminating the existing WWTP discharge with a new T-LAP effluent disposal system at a new location on purchased property, the District will eliminate this ongoing landowner impoundment issue and also be able to meet effluent discharge permit requirements more consistently. The District's existing WWTP has a history of non-compliance to their existing discharge permit. The implementation of a T-LAP irrigation system will raise the permit limit to one that can be routinely met. The proposed project will include construction of a new effluent water pump station at the existing WWTP, 6" C900 PVC transmission pipeline, and center-pivot irrigation equipment. Property will need to be obtained for the pipeline and irrigation sites. The project will also include re-furbishing of the existing terminal lift station that pumps to the existing WWTP, including addition of new bar screens and emergency backup generator capability at the lift station. An asset management plan will be developed as part of this project.	CWT	PADC	$4,705,000.00		Yes-BC	$4,705,000.00	
106	16	15492	Hondo		8,332	TCEQ order SSO Initiative plan WWTP is experiencing overflows and TCEQ violations from dilapidated, failing equipment. East WWTP is beyond 75% capacity. Proposed project consists of potential new WWTP on west side of City, rehab and/or upgrade of East WWTP, and collection system improvements including a new trunk main serving western portion of City. Proposed WWTP improvements consist of influent pumping, mechanical screening, grit collection, classification, grit pumping, aeration basin improvements, clarifiers, blowers/mechanical aerators, return sludge pumping, disinfection, solids processing, digestor improvements, solids dewatering and processing, polymer tankage and mixing, sludge removal from existing process basins, process piping, paving and misc concrete flatwork and sitework, RAS pumping, and collection system improvements. Detailed decisions and configurations to be determined during engineering feasibility study & report as funded and required by CWSRF. Project will also include asset management plan.		PDC	$39,753,000.00				

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POTW													
107	15	15137	Grandview		1,841	The wastewater treatment plant currently has met its service life and capacity. Repairing and increasing the capacity of the current plant will be more expensive than constructing a new plant on the same site.	CWT	PDC	$21,324,192.00		Yes-BC	$21,234,192.00	
108	15	15083	Huntsville	TX0022373	7,265	Rehabilitation of the Wastewater Treatment Plant and Process Improvement. The proposed plan replacement consists of a new headworks to be built above grade to allow enough head for proposed and future processes. The headworks will consist of state of the art twin mechanical bar screens and twin grit units to allow for 100% redundancy. The proposed main treatment process will consist of a SBR process but with a modern approach as to process control and automation. The existing chlorine contact unit will be kept in service and a new train mirroring the existing is proposed. Finally two screw press sludge dewatering units are being proposed. The need for the additional third digester will be evaluated in the preliminary engineering stages.	CWT	PADC	$54,785,000.00				
109	15	15014	Sunbelt FWSD		8,700	The existing treatment facility, originally meant to be a temporary unit, has long exceeded its useful service life. It has no fine screen structure which allows debris from the wastewater collection system into the plant which continues to build in the treatment units, thus limiting their effectiveness. The existing treatment unit is under continual repair to ensure the plant operates within TCEQ parameters. The Project consists of modifications to on-site lift station, an influent structure with mechanical fine screen and manual bar screen, two aeration basins, two clarifiers, two chambered disinfection system, four digesters, a blower building with positive displacement blowers, electrical power distribution equipment and controls, emergency standby generator and controls, a chlorine building and feed components, and miscellaneous site work including clearing and grubbing, grading and drainage, and paving.		C	$7,577,180.00				

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POTW													
110	15	15158	Austin		1,153,430	The anaerobic digestion process to treat wastewater sludge produces a side stream flow that needs process treatment. One of the side stream flows is from the Dewatering Facility which has a high ammonia concentration. To treat the high strength ammonia, a side-stream Ammonia Removal Facility will be built to significantly reduce the high ammonia load by 80 to 90%. A pilot was completed utilizing the anammox bacteria and AnitaMox process, which uses plastic carriers for bacteria growth, to reduce ammonia. The pilot proved successful and the single-stage deammonification technology achieving greater than 90% removal of ammonia and 75-85% total removal of nitrogen. The new asset will include a new AntiMox plant, an equalization basin, process air blowers, pumping, modification to the existing belt filter press lift station and storm water infrastructure to separate storm water from the dewatering facility side stream flow, electrical incoming power, and instrumentation and controls.	CWT	C	$14,072,000.00				
111	13	15085	Lower Valley WD		93,061	The project area has two components. First, the proposal is to replace old existing sewer lines that services 52 residents. Second, the proposal is to install and connect 24 new residents to the new collection system and expand those services. This will decommission those septic tanks.	CWT	C	$3,945,832.00				
112	13	15086	Lower Valley WD		93,061	Area is not currently served by collection system. The project's goal is to connect the current population which is currently on a septic system to the District's sanitary sewer system. The District proposes to install 2,369 L.F. of new 8" PVC along with nine 48" manholes. This sewer system is expected to connect to 9 total 4" PVC sewer service lines.	CWT	DC	$1,309,498.00				

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POTW													
113	12	15116	Alma		385	The City desires to construct a centralized wastewater treatment plant and collection system to serve the needs of the community. The City will establish means of transferring wastewater from private on-site sewer septic systems to a centralized public wastewater treatment facility. The City does not currently own a wastewater treatment facility. The City does own and operates a wastewater lift station that collects wastewater from businesses & residences within the city. The City of Alma has an agreement with the City of Ennis to receive and treat up to 25,000 GPD of wastewater flow. Construction will require a TCEQ permit to discharge wastewater. Property will need to be acquired for the proposed plant. Construction of the plant and collection system is estimated to transfer approximately ten residences and two businesses from conventional on-site sewer septic systems to the new centralized public collection and treatment system. An Asset Management Plan will be prepared.	CWT	PADC	$4,275,000.00				
114	12	15070	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install lines to expand services and improve pressure.	CWT	DC	$424,838.00				

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POTW													
115	11	15076	East Texas MUD of Smith County		2,100	Chapel Hill ISD's existing WWTP is a TDLAP plant with non-stringent effluent limits. There are houses in the vicinity of the plant and the District has had to clear additional spray field area to support the plant. There is not currently a public sewer system in the Chapel Hill community. As the systems fail for the residential houses in the community, an environmental issue will ensue and sewer service will be required to be brough to the area. East Texas MUD proposes to construct a .200 MGD waste water facility to replace the existing Chapel Hill ISD WWTP. The current WWTP is a TDLAP waste water facility that serves only the District's campuses. The District does not have the expertise and man power to adequately operate their plant and collection system and has requested the East Texas MUD partner with them to replace the existing WWTP and take over as the sewer provider for the area. In addition to the WWTP facility, the project will include: 5,217 LF of 6" sewer; 6,391 LF of 8" sewer; and 5,805 LF of sewer. These sewer improvements will expand sewer service to the adjacent neighborhoods and will begin the trunk of what will eventually be the Chapel Hill communities' first public sewer system. The adjacent neighborhood will serve up to 126 houses that are currently on aerobic and/or septic systems.	CWT	PADC	$6,538,200.00				None
116	11	15032	Manor	TX0137448	18,285	The proposed project is critical for growth and development in Travis County, primarily in the cities of Manor and Elgin and within the Cottonwood, Willow and Elm Creek watersheds. The proposed East Travis Regional project consists of 27" and 36" trunk mains 3.7 MGD of wastewater treatment capacity to serve the eastern region of Travis County including portions of the cities of Manor and Elgin.	CWT	PADC	$124,000,000.00		Yes-BC	$100,000.00	PIF 72924 (2010)

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POTW													
117	11	15103	Del Rio	TX0053830	34,584	The City of Del Rio, Silver Lake Wastewater Treatment Plant's (SLWWTP) influent is conveyed by a series of large diameter sewer interceptors and smaller diameter sewer collector lines and service laterals which comprise the Silver Lake WWTP service area. The largest incoming main both in size and contributing flow is the Northside Sanitary Sewer Outfall Line. The existing sewer line is in poor condition and is currently at capacity. The proposed project is scheduled to replace the aging infrastructure and provide additional capacity for future growth. northern and southern most segments of the Northside Sanitary Sewer Outfall Line were placed into operation over 40 years ago, while the more central segment of the main was placed in service in 1975.	CWT	AC	$17,810,268.00		Yes-BC	$6,500,000.00	12343 (2018)
118	11	15087	Lower Valley WD		93,061	Area is not currently served by collection system. The project is in the planning phase. This project would be essential to connect the current and future system to the new proposed waste water treatment plant in the Fabens area on property owned by the District. The project consists on approximately 30,500 LF of 15" in sewer lines including 61 manholes and 1 lift station.	CWT	C	$36,815,760.00				
119	11	15088	Lower Valley WD		93,061	Area is not currently served by a collection system. This project area consists of 2 subdivisions: Valle Bonito and Las Misiones. There are approximately 161 properties that will benefit from the wastewater line extensions in order to be able to service existing residents within this area with approximately 145 yard lines.	CWT	DC	$5,439,030.00				
120	11	15024	Travis County		1,226,805	Some of these communities have insufficient wastewater systems that can be a public health danger. As one of the largest Counties in the State, Travis County has several areas, both incorporated and unincorporated, that are desperately in need of wastewater system improvements. We expect improvements projects to consist of wastewater collection system and small wastewater treatment facilities. Travis County will manage the projects on behalf of these underserved communities.	CWT	DC	$6,000,000.00				

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POTW													
121	10	15113	Barton Creek West WSC		1,500	The wastewater treatment plant, the irrigation system and elements of the wastewater collection system are in dire need of improvement or replacement. The existing Barton Creek West Wastewater Treatment Facility, calls for major improvements to the existing wastewater treatment plant and the wastewater collection system. Modernization of equipment, controls and monitoring will allow more effective practices. Additionally, BCWWSC proposes to provide emergency power generation capability at all four lift stations as a part of a larger-scale emergency preparedness initiative.	CWT	DC	$11,410,000.00		Yes-BC	$6,000,000.00	
122	10	15146	Ingleside	TX0020401	9,554	Additional funds are being requested for the construction, and commissioning of a new wastewater treatment facility and decommissioning of the existing facility for the disadvantaged community of the City of Ingleside. As we've progressed through the design phase we've refined the proposed design, that, in addition to the unprecedented rise in inflation has left a funding shortfall from the funds previously committed. Major components of the project will consist of an automatic bar screen, grit removal, fine bubble aeration, double clarifiers, sludge thickener, chemical disinfection, a belt filter press, sludge drying beds, high efficiency blowers, generator, new office & lab building and the decommissioning and removal of the existing treatment plant.	CWT	C	$10,000,000.00		Yes-BC	$900,000.00	PIFs 12254 (2018), 12231 (2017), 9147 (2012)
123	10	15008	Harlingen Water Works System		71,059	Lift Station LS-76 and LS-75 that convey flow from western Harlingen and two regional wholesale customers are severely undersized, resulting in extensive collection system surcharge and recurrent overflows. Further upstream, five lift stations that pump directly to LS-55 via manifold force main experience an excessive range of operating pressure rending them unable to deliver peak wet weather flows with all pumps running. A replacement of LS-75 and LS-76 with more than a 150% capacity increase is proposed to resolve their existing capacity deficiencies, and the manifolded upstream lift stations will be eliminated by installation of a trunk sewer and upgrade of LS-55 that will operate as the only lift station pumping into the existing force main. The improvements will resolve collection system surcharge, overflows, and extreme operational challenges during wet weather conditions.	CWT	PADC	$21,530,000.00				PIF 14343 (2023)

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POTW													
124	10	15119	Harlingen Water Works System		71,059	Little Creek Interceptor (LCI), HWWS's primary sewer conveying wastewater from 34 sewersheds to the WWTP, experiences severe overloading resulting in collection system overflows during heavy rainfall. Lift Station LS-19 upstream of the LCI has insufficient depth relative to its influent sewers resulting in extensive surcharge within its sewershed even in dry conditions. The undersized trunk sewers into which LS-19 and LS-20 discharge are overloaded during peak wet weather. A deeper, larger, complete replacement of the LCI will resolve its overloading, and proposed sewers connecting to the LCI will eliminate LS-2, 19, 20, 23, and 50 along with surcharging and overflows in their sewersheds and downstream sewers. LS-9 will be upgraded and its force main re-routed to the LCI to relieve overloading in LS-7 and LS-9's sewershed.	CWT	C	$31,835,000.00				PIF 14343 (2023)
125	10	15156	Austin		1,153,430	Phase 1: The Upper Harris Branch Interceptor is a 2-phase 23,000-LF large diameter wastewater interceptor project that will provide permanent relief to an aging and under-capacity Dessau WWTP and extend service into the rapidly developing Northeast region of Austin. Increased development in the past 5 years has outpaced the original treatment capabilities of Dessau WWTP and multiple interim projects are needed to maintain service levels until the interceptor is in place. Completion of this interceptor will allow decommissioning of Dessau WWTP and will convey those flows to Wild Horse Ranch WWTP. Phase 1 of the 2-phase project, which are intended to construct simultaneously.	CWT	C	$28,144,000.00				15157
126	10	15157	Austin		1,153,430	Phase 2: The Upper Harris Branch Interceptor is a 2-phase 23,000-LF large diameter wastewater interceptor project that will provide permanent relief to an aging and under-capacity Dessau WWTP and extend service into the rapidly developing northeast region of Austin. Increased development in the past 5 years has outpaced the original treatment capabilities of Dessau WWTP and multiple interim projects are needed to maintain service levels until the interceptor is in place. Completion of this interceptor will allow decommissioning of Dessau WWTP and will convey those flows to Wild Horse Ranch WWTP. Phase 2 of the 2-phase project, which are intended to construct simultaneously.	CWT	C	$31,159,000.00				15156

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POTW													
127	6	15058	O'Donnell		714	By completing the proposed upgrades to the collection system, the City will be able to consistently meet capture and transport wastewater efficiently to the wastewater treatment plant. The City needs to replace and rehabilitate all components of its collection system. Upgrades include: replace about 39,000 LF of sewer collection line replacement of small diameter gravity sewer 12” and smaller. The system piping has experienced severe infiltration and inflow (I/I) due to the age and deterioration of the collection system and is need of replacement.	CWT	PADC	$16,003,870.00		Yes-BC	$16,004,000.00	
128	5	15080	Red River Authority		240	The existing plant is over its Effective Useful Life. Concrete walls of plant are showing major degradation. Due to failing rakes and icing, an excursion occurred in 2021. The project will replace the existing 30,000 GPD package wastewater treatment plant. A foundation will be set and a new package wastewater treatment plant of at least 30,000 GPD will be installed. Package plant should have mechanical functions installed as part of the package (rakes, clarifier, etc). A mechanical bar screen will be part of the plant installed at head of plant. Field piping and electricity will be routed to the new plant. Additional appurtenances installed as necessary. Old package plant will be decommissioned.		DC	$610,000.00				
129	5	15118	Bayview MUD		1,818	The Bayview MUD Wastewater System has severely deteriorated which allows the introduction of significant extraneous flows, causing Sanitary Sewer Overflows which are a Public Health Risk. The Wastewater System is deteriorating and requires certain elements to be completely replaced. The system was installed in 1965 and leaks excessively which introduces large quantities of extraneous flow into the system, causing Sanitary Sewer Overflows and problems at the WWTP. The elements that need to be replaced include; 5,500 linear feet of deteriorating 18-inch wastewater pipe; and 47,000 linear feet of Clay Sewer Main. The project also includes the complete replacement of the existing Miles Road Lift Station which is failing.	CWT	DC	$8,642,675.00		Yes-BC	$8,642,675.00	

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POTW													
130	5	15021	Newport MUD		12,198	To mitigate potential for sanitary sewer overflows, damage to the system, maintain operations and decrease inflow and infiltration into the system, which will potentially lighten loads at lift stations and the wastewater treatment plant. The sanitary sewer system experiences increase in flows in rain events. During these events, some lift stations within the system reach capacity and cause sewage system backups and at the wastewater treatment plant observed flow rates spike. In addition to increase wet weather flows, the sanitary system is approaching the end of its design life and structural deficiencies have been identified by television inspections. This project will consist of rehabilitating sanitary sewer system components that have been determined to have highest priority need of rehabilitation. The project will focus on trenchless rehabilitation of sanitary sewer main lines and manholes utilizing the best technologies for each unique deficiency.		PDC	$6,000,000.00				
131	5	15093	Pflugerville		64,007	Replacement of existing interceptors that do not currently have sufficient capacity to meet projected peak flows. 12-inch interceptor along Gilleland Creek will be replaced with 15-inch, and 15-inch interceptor along Great Basin Avenue will be replaced with 18-inch. Request also includes funds for an update to the city's Wastewater Master Plan and a Downtown Wastewater Utility Study which will assess replacement and upsizing of wastewater facilities to maintain system reliability and compliance with capacity requirements.	CWT	PADC	$10,080,000.00				
132	5	15094	Pflugerville		64,007	The project is being undertaken to ensure the system has capacity to efficiently serve areas of increased demand. 1.0-MGD lift station and 12" force main and a 48/42/36" interceptor serving the southern portion of the Cottonwood West Basin.	CWT	PADC	$50,800,000.00				
133	5	15098	Pflugerville		64,007	Rehabilitation of collection system infrastructure in several locations to bring the system up to current design standards and improve system efficiency. Includes upsizing of existing lines, pipe encasement, and assessment of needs in areas identified in the most recent wastewater master plan.	CWT	PDC	$10,000,000.00				

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POTW													
134	2	15069	Big Lake		2,936	The City wishes to perform routine replacement on their aging wastewater collection system ahead of proposed paving projects. This street is scheduled to be repaved following replacement of the buried utilities. Portions of the City's wastewater collection system are composed of aging and deteriorating wastewater lines that need replacement. This project will be to construct approximately 2,500 linear feet of 6” PVC sewer line along Utah Street from 2nd Street to 9th Street, including reconnection of approximately 65 existing service connections. The aging collection system infrastructure imposes a burden of frequent maintenance, and inflow and infiltration of excess groundwater into the collection system. This project will help to reduce this burden, as well as update the system to upsize any remaining 4-inch diameter pipe and limit manhole spacing to a max 500 linear feet TCEQ requirements.	CWT	PDC	$1,010,000.00		Yes-BC	$1,010,000.00	
135	2	15071	Monahans		6,953	Much of the existing wastewater treatment plant equipment is approaching the end of its useful life and is presenting increasing operational and maintenance issues for staff. The City's WWTP consists of an influent screen, a single oxidation ditch, two clarifiers, and solids handling through sludge drying beds. The WWTP was constructed over 40 years ago and faces numerous operational challenges associated with the age and remaining useful life of the facility. The City is proposing to make improvements in the wastewater system by making screening, clarifier, pump station, oxidation ditch aerator, solids handling, and electrical and SCADA improvements at the wastewater treatment plant. The project will include development of an Asset Management Plan.		PDC	$8,702,000.00		Yes-BC	$8,702,000.00	

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POTW													
136	1	15150	East Texas MUD of Smith County	TX0032484	2,100	East Texas MUD routinely experiences sewer main failure and collapses of the concrete sewer mains in the project area. The concrete sewer mains were installed in the 1940s. Sewer gases have been known to deteriorate concrete sewer mains to complete failure. ET MUD has performed spot repairs to this point. The frequency of the failures has increased to multiple times per year. When failures are exposed and repaired, it is found that the concrete pipe is no longer intact. The sewer is flowing along the alignment in many areas with no pipe conveying it. When larger storm events occur and flows increase due to inflow and infiltration, the sewer is more likely to fail and collapse. Portions of the mains run through an old industrial area with structure, equipment, and storage yards located on top of the mains. The proposed project will relocate mains outside these areas and will eliminate a large portion of ET MUD's concrete sewer mains. The project includes: replacing the existing sewer system northeast of the intersection of SH 155/US 271 to 8th Street. The replacement will replace or extend service along the following roads: Constantine Avenue, 8th Street, FM 3311, FM 3270, Hillcrest Road, Chapman Road, 19th Avenue, Hinson Street, and SH 155. The scope of work includes two lift stations; 8,814 LF of 6"-8" sewer mains; and 9,802 LF of 15"-18" sewer mains. Replace failing concrete sanitary sewer pipe mains. The project also includes rehabilitating the largest lift station on the sewer system, Eagle Creek lift station. It is in need of wet well rehabilitation, replacement guide rails, base elbows, control panels, pumps, and other appurtenances. It will be retrofitted with a new stand by generator (250 kW). The MUD will also proposes installing stand by generators at six additional locations ranging in size from 40 kW to 60 kW. The project will also include an Asset Management Plan.	CWT	PADC	$7,050,270.00				PIF 13186 (2020)

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POTW													
137	0	15023	Conroe Bay Water-Sewer Supply Corp	TX0027308	345	Existing TCEQ violations require modifications to the wastewater treatment plant including the configuration of components and mode of treatment. CB-WSSC will utilize this TWDB loan for the intention of adhering with TCEQ's requirements. The wastewater treatment plant of the Conroe Bay Water-Sewer Supply Corporation was originally formed in 1973. The current state of the treatment facility is severely deteriorated due to age and wear. The metal structures and components of the treatment units are significantly dilapidated. To maintain the system's working efficiency and continued compliance with TCEQ standards, the existing WWTP will need complete replacement with a new 0.048 MGD wastewater treatment facility.	CWT	PDC	$997,000.00		Yes-BC	$100,000.00	14340 (2023 Submission)
138	0	15134	Grandview		1,841	The current collection system is deteriorated and in need of major upgrades. There are broken, leaking clay lines and brick manholes that are in need of replacement. Many of the existing sanitary sewer mains in the City are clay. These clay lines are deteriorated and risk sewage backups and leaking. In addition, many of the manholes are brick and are collapsing due to change in soils and loads around them. These manholes should be replaced to avoid contamination. The replacement of these clay lines and brick manholes will reduce the amount of inflow and infiltration, therefore reducing the load on the wastewater treatment plant.	CWT	PDC	$2,985,200.00		Yes-BC	$2,204,520.00	
139	0	15049	Gregory		2,000	The City of Gregory owns and operates a wastewater treatment plant (WWTP) that is approaching its design capacity. The plant is reaching 75% of its permitted average daily flow at times during the year. The project will include planning, land acquisition, design, and construction of a new WWTP, and decommissioning of the City's existing Roloff WWTP. The project will also include the rehabilitation of its collection system to remove I/I, and the construction of improvements to transport flows to the new WWTP from the decommissioned plant site. The project will enable the City to treat flows with one plant instead of two or more, and it will provide energy savings equipment at the new WWTP. It will also allow the City to provide enough treatment capacity to meet City needs, including the removal of I/I throughout the City.	CWT	PADC	$44,132,273.00		Yes-BC	$150,000.00	

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POTW													
140	0	15072	Fort Bend Co MUD # 131		2,341	Portions of the existing WWTP are in need of replacement and to avoid paying lease payoffs, a WWTP replacement is a more cost effective option than extending leases or replacing portions of a steel WWTP. The existing steel package plant was originally constructed in 2006 for 0.16 MGD, expanded in 2018 to 0.4 MGD, and subsequently expanded to 0.64 MGD in 2021. The 2006 0.16 MGD phase is deteriorated and in need of replacement. Additionally, the subsequent phases are subject to balloon lease payoffs and have short "useful life". A permanent (concrete) WWTP is a more cost effective and long term solution for WWTP service. The cost of the WWTP replacement will be split amongst the three districts, with FBC MUD No. 131's share at approximately 50%.	CWT	PDC	$15,945,000.00				
141	0	15020	Rayburn Country MUD		2,976	Plant expansion for future growth, generators to provide required back up power. New lift stations will provide adequate and reliable system capacities by replacing deteriorated lift stations. WWTP Expansion. WWTP SCADA improvements. Rehabilitation of drying beds. for sludge container. Replacement of six lift stations. Emergency generators for fifteen lift stations. New WWTP Shop Building.		PADC	$8,255,564.00		Yes-BC	$100,000.00	
142	0	15144	Alpine		6,006	Improperly sized equipment, deteriorated treatment components, inefficient treatment technologies and preventing TCEQ violations. The City owns and operates a wastewater treatment plant. This WWTP is aged and has many components in need of rehabilitation. Additionally, many of the components at the WWTP are undersized to meet TCEQ permit limitations. This project will upgrade the WWTP to meet TCEQ requirements by replacing and/or rehabilitating existing components.	CWT	PDC	$5,620,000.00				
143	0	15141	Greater Texoma UA		6,200	Project is necessary to address aging infrastructure in need of replacement. Major project components include adding: new headworks equipment; a new lift station; additional aeration and sludge handling; one chlorine contact basin with associated piping, controls, and equipment. The project will provide for increasing capacity of WWTP from 0.500 MGD to 0.750 MGD to address TCEQ permitting requirements through construction of new treatment processes and rehabilitation of existing infrastructure.	CWT	PDC	$5,076,167.00				

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POTW													
144	0	15042	Ennis		21,203	The existing Oak Grove WWTP has equipment and structures that are deteriorating and difficult to keep in service without extensive O&M. This project is Phase 3 of a multi phase project to address these issues. Phase 3 rehabilitation is a rehabilitation of the remaining out of date equipment. The project will generally include rehabilitation of the plant's disinfection system, sludge handling process, aeration basins, etc.	CWT	PDC	$8,539,000.00				
145	0	15152	Pasadena		50,000	Existing sanitary system was built in 1920's and this aging system is past its replacement cycle and can fail anytime causing pollution and damages to the ground water and estuaries. The sanitary sewer length of approximately 250 miles within the area and this replacement plan will identify the locations of imminent failure and replace as needed. The replacement length is approximately 20% of sanitary sewer length for this proposed replacement project.	CWT	PDC	$118,103,858.00				
146	0	15159	Austin		1,153,430	Make improvements to Primary Treatment Complex (PTC) No. 1 and No. 2 at Walnut Creek WWTP. Each PTC consists of two trains of primary clarifiers and in-line flow equalization basins. Most of the mechanical and other components are beyond their useful life and require replacement and process improvements. Improvements to Primary Treatment Complexes No. 1 & 2 will include the following improvements to: primary clarifiers, including clarifier drives and mechanisms, gates, and other ancillary components; flow equalization basins, including drives and mechanisms and other ancillary components; Structural and safety improvements; and select electrical, instrumentation, and control infrastructure. Acquire a new ventilation and odor control systems.	CWT	C	$53,273,000.00				15160

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POTW													
147	0	15160	Austin		1,153,430	Rehabilitate and make improvements to Headworks 1 at Walnut Creek Wastewater Treatment Plant (WWTP). Headworks 1 includes screening, grit removal, and associated ventilation, electrical, and controls. The mechanical and electrical components are original to the 1977 construction and the majority are beyond their useful life. The proposed modifications include replacement of and improvements to screening equipment, grit removal, ventilation and odor control, electrical and controls, and structural improvements and modifications. To prepare the plant for an interim peak flow capacity of 300 million gallons per day (MGD) and an ultimate peak flow capacity of 450 MGD, Headworks 1 will be improved to treat 75 MGD average and 150 MGD peak, with a 190 MGD hydraulic capacity, as required to meet the requirements of the plant expansion that is underway.	CWT	C	$81,416,000.00				15159
POTW Total		**147**							**$2,834,966,773.50**	**55**	**55**	**$552,824,527.00**	
Nonpoint Source													
1	113	15035	Austin		944,658	This multi-phase green project will improve the water quality of Buttermilk Creek, which contributes flow to Walnut Creek, an impaired stream. A history of sanitary sewer overflows (SSOs) has occurred within Buttermilk Creek due to deteriorating wastewater infrastructure. The project includes pipeline renewal, which will benefit public health. Austin Buttermilk Creek is located within a disadvantaged area and contributes flow to Walnut Creek, an impaired water body. This multi-phase green project includes water quality improvements through new stormwater controls measures (SCMs), removal of deteriorating wastewater infrastructure, and restoration of stream stability and riparian habitat. This project is nearing completion of the preliminary engineering phase.	CWT,GPR	PADC	$22,160,000.00	70%	Yes-BC	$22,160,000.00	

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Nonpoint Source													
2	98	15034	Austin		1,267,795	This neighborhood suffers repeated, serious structural flooding to a significant number of buildings and property. It was heavily impacted during the Federally Declared Flood Disaster in 2015. The receiving stream, Waller Creek is listed as an impaired stream (bacteria and benthics), and this project would address this water quality issue. The Hyde Park neighborhood region has experienced significant structural flooding in recent years. It was heavily impacted during the Federally Declared Flood Disaster in 2015. COA's Watershed Protection Department intends to upgrade 28,000 linear feet (lf) of subsurface stormwater drains east of Guadalupe Street and west of Avenue G. In addition to the subsurface stormwater pipes, the proposed project also includes: Three new surface-level detention ponds with Green Stormwater Infrastructure for Water Quality treatment; Stream restoration using Natural Channel Design for Waller Creek downstream of detention pond; Underground stormwater detention structures around the former Baker Center; Improvements to the outfall structures at Central Park and Triangle Ponds; and Related utility relocations throughout the project area. We plan to improve water quality in the receiving stream of Waller Ck. with this project.	GPR	ADC	$40,962,193.00		Yes-BC	$40,962,190.00	
3	86	15026	Travis County		1,121,645	This project is intended to address specific flooding and water quality issues to this area in North West Travis County. The McNeil Road Drainage Improvements Project is a stormwater project that addresses both water quantity and water quality issues. There are significant concerns expressed by area residents about these issues. Travis County has gone through a deliberative planning and design process to arrive at this highly innovative, environmentally sensitive solution. The project consists of specific channel improvements, roadside swales and hydraulic adjustments to the road cross section. The most important element of the project is the large detention facility that will capture all of the stormwater flows and provide significant water quality and flood prevention benefits. The project will require over seventeen (17) acres of right of way acquisition. This project will include an Asset Management Plan.	GPR	AC	$34,320,000.00		Yes-BC	$34,320,000.00	
4	63	15046	Katy Prairie Conservancy		5,505,386	KPC is interested in purchasing several properties in the Cypress Creek Drainage Basin to mitigate non-point source pollution.	NPS	A	$18,700,000.00		Yes-BC	$18,700,000.00	

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Nonpoint Source													
5	52	15055	Hays County		234,573	Hays County is interested in preserving water quality in the county's waterways through the purchase of water quality protection land. Hays County is interested in purchasing property for the purpose of acquiring land within the recharge and contributing zones of the Trinity and Edwards Aquifers and within the watersheds of Cypress Creek, Plum Creek and the Upper San Marcos River as a strategy to mitigate additional non-point source pollution. These lands will be managed as Water Quality Protection Land (WQPL). he Land will be managed to prevent Non-point Source (NPS) Pollution from entering into Hays County's surface waters and its groundwater resources within the Trinity and Edwards Aquifers. Both the Upper San Marcos River and Plum Creek are impaired waterways in which NPS pollution has been identified as a contributing factor to impairment. The County has identified land conservation as an effective and important tool for mitigating increased pollutant runoff into its surface water and groundwater resources. The WQPL whose protection is financed through this proposed project would be prioritized in the following areas: the recharge and contributing zones of the Trinity and Edwards Aquifers, Cypress Creek, Plum Creek and the Upper San Marcos River. Hays County has identified a number of potential parcels for protection through fee simple purchase and conservation easement. Due to the sensitive nature of land acquisition, the Hays County Commissioners Court at this time has opted to seek a funding vehicle to achieve the protection of these lands before naming them specifically. Lands protected through this program would be required to advance Hays County's Water Quality Protection Land objectives, including mitigating NPS pollution runoff into surface water and groundwater resources.	NPS	A	$30,250,000.00		Yes-BC	$30,250,000.00	

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Nonpoint Source													
6	40	15037	Nueces Co DCD # 2		11,788	This project will alleviate localized flooding in the City of Petronila and will serve as a water source for irrigation of farm land. The proposed drainage improvements is a 10 acre detention pond located on the north side of the city on County Road 24 and Farm to Market Road 665. The detention pond is 15 feet deep and 2000 feet wide by 2000 feet long. The detention pond will serve dual purposes, flood control and irrigation of farm land. Currently the area experiences localized flooding after most rain events. The area was heavily affected in 2018. The detention pond will capture upstream runoff prior to entering the city. The Pond will recapture rain water and will be used for irrigating sounding farms. Ditches will be required to allow rain runoff to enter the pond and exit the pond. 50 acres of right of way will be required to construct the pond. Approximately 211,250 cubic yards will be excavated to construct the pond.	GPR	PADC	$5,118,747.00	70%			
7	35	15038	Nueces Co DCD # 2		10,157	This project will alleviate localized flooding at the Belk Lane Subdivision. This project is in the Petronila Texas area. The proposed drainage improvements are bounded by the county road 22 ditch and count 67 ditch. The project will serve as an interceptor ditch along the northern property limits of residents living on the Belk Lane Subdivision. the ditch will also be designed to recapture rainwater runoff to irrigate the agricultural land north of the ditch. The “V” ditch is approximately 1 mile in length (5270 feet) and 20 feet wide and 40 feet from Right of way to Right of way. Approximately 9,680 cubic yards will be excavated for this project. The purpose of this interceptor ditch is to divert runoff away from homes and carry it to the existing canal east of the subdivision. A small ditch on County Road 67 will be required to carry runoff north from the subdivision to the existing culvert.	GPR	PADC	$856,929.00	70%			

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Nonpoint Source													
8	31	15005	Guadalupe Blanco RA		876,366	GBRA has previously secured CRSRF funding for a majority of the project but recent market fluctuations have significantly increased the construction cost and additional funds are necessary to complete the project. The Lake Placid Spillgate Replacement and Dam Armoring Project consists in the replacement of the two existing bear trap style crest gates at Placid Dam with new hydraulically actuated crest gates and hydraulic power unit; demolition of the existing gates and associated concrete, new structural concrete work, electrical, instrumentation, dam embankment armoring, and associated site work.	NPS	C	$12,000,000.00				
9	31	15006	Guadalupe Blanco RA		876,366	GBRA has previously secured CRSRF funding for a majority of the project but recent market fluctuations have significantly increased the construction cost and additional funds are necessary to complete the project. The Lake McQueeney Spillgate Replacement and Dam Armoring Project consists in the replacement of the three existing bear trap style crest gates at McQueeney Dam with new hydraulically actuated crest gates and hydraulic power unit; demolition of the existing gates and associated concrete, new structural concrete work, electrical, instrumentation, dam embankment armoring, and associated site work.	NPS	C	$18,000,000.00				

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Nonpoint Source													
10	28	15077	Palm Valley		1,706	The City is a municipality that serves a population of approximately 1,706 people. In June of 2018, a 50+ year storm event occurred causing flood damage to an estimated 100 homes. In June of 2019, the City experienced a 300+ year storm event causing flood damage to an estimated 600 homes. In July of 2020, a 25+ year storm event occurred causing local street flooding with no damage to homes. The approximate average depth of stormwater in the homes was 12” (2018) and 18” (2019) respectively. The average cost of flood damage incurred per home was approximately $35,000.00. Cameron County was declared a disaster /emergency area in all three (3) years. The drainage pattern within the City limits includes street runoff into closed sewer storm systems, runs through the golf course lakes & ditches, thence to the Cameron County Drainage District #5 main drain and thence to the Arroyo Colorado. The major drainage issues within the City include undersized /clogged storm sewers. The funding will be specifically used to complete three major drainage projects within the City. Two drainage improvement projects have been completed or are under construction utilizing City funds. The PVDE Drainage Improvements were completed in the Spring of 2020 and the Lake #3 Improvements will be completed this summer. The Golf Course Ditch Improvements will be completed in 2022 with TWDB - Flood Infrastructure Funds.	GPR	DC	$10,425,001.00				
11	15	15161	Meadow Lake WCID # 1		31,072	The Meadow Lake Nolte Dam has reached the end of its useful life and must be rehabilitated or replaced to remain compliant with State of Texas dam safety laws. The catastrophic failure of a spillgate, has the potential risk of property damage and/or loss of life. The Guadalupe Blanco River Authority (GBRA) owns and operates the Guadalupe Valley Hydroelectric System (GVHS), which includes six dams that generate hydroelectricity and provide recreational opportunities in Comal, Guadalupe and Gonzales counties. Fifteen spill gates at the six dams were put into service between 1928-1932, and they have reached the end of their useful life. Rehabilitate Meadow Lake Nolte Dam bringing the dam in compliance with today's safety standards. Works will include foundation stability and replacing the aging spillway gates with modern and automated gates.		PDC	$20,120,131.00				

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Nonpoint Source													
12	3	15031	Comal County		156,257	The project is needed to improve water quality for Comal County's streams, rivers and aquifers. Meanwhile Comal County's population grew at a rate of 48% from 2010 to 2020 and shows no signs of slowing down. Residential, commercial, and industrial development in Comal County's sensitive aquifer recharge zones and water supply watersheds is happening at an unprecedented pace, causing a decline in water quality and quantity from non point source pollution, increases in impervious cover, and the proliferation of drilled water wells among other causes. Protecting large but threatened properties in the watersheds of the county's most sensitive waterways is a cost effective long term permanent strategy for protecting our county's water resources. There are several impaired streams that are on TCEQ 303(d) list that will benefit from this Water Quality Protection Land Program, including; Segment 1805 Canyon Lake, Segment 1806 Guadalupe River, Segment 1811 Comal River and Segment 1811A Dry Comal Creek. Comal County is interested in pursuing a program to acquire large tracts of land for the purpose of protecting the quality and quantity of its surface and groundwater resources, i.e., its springs, streams, rivers, and aquifers.	NPS	C	$30,000,000.00		Yes-BC	$30,000,000.00	

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Nonpoint Source													
13	0	15036	Irving		254,184	The North Delaware Creek neighborhood suffers reoccurring flooding to both homes and commercial properties. This has resulted in serious damage and disruption to neighborhood activities. This is a serious health and safety issue. With the improvements described in the project plan, this serious flooding will be largely alleviated. The proposed improvements include increasing the channel capacity by lowering the flow line and replacing the existing concrete lined trapezoidal channel with vertical modular block walls and a concrete bottom. Also several undersized crossings will be replaced to provide a 100-year Level of Service.	GPR	PADC	$35,637,500.00				PIFs 14707 (2022), 14215 (2023)
Nonpoint Source Total		**13**							**$278,550,501.00**	**3**	**6**	**$176,392,190.00**	
Total		**160**							**$3,113,517,274.50**	**58**	**61**	**$729,216,717.00**	

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