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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	155	13293	La Joya	TX0127337	4,229	The city maintains a lagoon-based wastewater treatment system which is under capacity and under performing requiring improvements. The existing pond system is cited for TCEQ violations due to effluent parameters not meeting the discharge requirements. The city plans to remove the existing 0.5 mgd lagoon system from service and replace it with a activated sludge based mechanical system to be located adjacent to the current ponds. The project includes aeration basins, blowers, pump station, secondary clarifier, chlorination and a generator system. the current flows are above 85% capacity and is in need of an upgrade.	CWT	C	$7,198,750.00	50%			IUP 2020: PIF #13008
2	90	13328	Bishop	TX0023019	3,134	The WWTP discharges into Carreta Creek; thence to San Fernando Creek; thence to the Cayo del Grullo portion of Baffin Bay/ Alazan Bay/ Cayo del Grullo/Luguna Salada in Segment No. 2492 of the Bays and Estuaries. This segment has a concern for nitrate, chlorophyll-a (increasing trend), and is listed as being impaired for bacteria for contact recreation (increasing trend). The current discharge permit 30ppm BOD5, 90ppm TSS, 6ppm Ammonia Nitrogen, and 126 colonies/100 ml could be contributing to the noted impairments. This assessment will provide alternatives to meet and achieve lower level discharge for permit parameters. The Bishop WWTP consist of 2 lagoons, a primary and a secondary. The City added mixing aerators a few years back in an effort to achieve compliance. The current system is struggling and an assessment is required to diagnose and develop alternatives for improvements necessary to achieve compliance.	CWT	P	$47,500.00				
3	90	13371	Mart	TX0026051	3,240	The wastewater treatment plant (WWTP) is hydraulically overloaded due to infiltration-inflow. The oxidation ditch is structurally failing. The WWTP discharge is into a stream segment that is listed on 303(d) as a Category 5B for bacteria. The City has received an enforcement order notice from TCEQ that includes WWTP deficiencies. Improvements to the WWTP will include a combination of: a new oxidation ditch since the current one's concrete is shifting; a new classifier to create redundancy and help prevent overflows; and line replacement to reduce I&I and loading at the treatment plant.	CWT	PDC	$14,504,998.00	70%			IUP 2020: PIF #13178

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POTW													
4	90	13279	Port Arthur	TX0024201	54,685	Port Arthur Sabine Pass WWTP has several for mechanical/operation issues; structural issues including cracks in the existing concrete basin walls; and several MCL violations including Enterococci, daily average flows, TSS daily average and daily lbs/day, exceedance of 90% rule; and process controls for sludge/MLSS. The City proposes to replace the existing WWTP with a new plant that will be able to handle the flows and maintain compliance with TPDES permit requirements.	CWT	PAD	$1,151,000.00	30%			
5	88	13300	Comanche	TX0022730	4,320	Inflow and infiltration have caused inefficiencies at the wastewater treatment plant resulting in violations including: failure to meet the limit for one or more parameter, exceeding the permit limit by more than 40%, and failure to maintain permit limits. The proposed project consists of replacing existing sewer lines throughout the City's collection system which are known to cause significant inflow and infiltration (I/I). The project also includes increasing the capacity of the WWTP. The phases would include planning, design and construction of the project.	CWT	PDC	$1,500,000.00	30%	Yes-BC	$1,500,000.00	IUP 2017: PIF #12111
6	80	13313	Garrison	TX0076503	1,243	The City of Garrison WWTP exceeded 90% of permitted effluent flow for three consecutive months in the spring/summer of 2019, during which time flow averaged as much as twice the permitted flow. The facility has exceeded E.coli permit limitations (MCL=126/100ml) on several occasions. Replace existing Aerated Pond WWTP (permitted for 0.12 MGD) with new 0.24 MGD Extended Aeration WWTP.	CWT	PADC	$4,500,000.00	70%			
7	75	13272	Cranfills Gap	TX0122360	281	The existing package WWTP is aged, has no back-up, needs repair and was not designed to meet the new discharge permit issued March 6, 2019. Portions of the collection system has high infiltration and inflow. A new parallel plant will allow the existing plant to be removed from service for overhauling. Excessively high flows will be reduced by replacing selected sewer mains with high infiltration and inflow rates.	CWT	PDC	$1,118,140.00	70%			

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POTW													
8	71	13362	Sandbranch Development & WSC	TX0047848	190	Existing private septic systems are old and deteriorated. Most of the properties are not sized to meet the minimum lot size for septic systems. The funding phase for this project would consist of acquisition, design and construction administration phases to install a new wastewater system for the Sandbranch Community. The new wastewater system improvements have been selected for the proposed project that would include installing approximately 30,000 linear feet of new PVC wastewater lines, a lift station and appurtenances such as manholes, sewer tap connections, etc. The wastewater will be collected and pumped to the existing Southside Wastewater Treatment Plant that is owned and operated by Dallas Water Utilities (DWU). The Southside WWTP is adjacent to the north side of the Sandbranch Development.	TBD*	TBD*	TBD*	70%	TBD*	TBD*	IUP 2018: PIF #12385
9	70	13314	Moody	TX0024066	1,403	The City's TPDES wastewater discharge permit parameters have become more stringent than the City's existing WWTP can meet. The existing WWTP is 40 years old and every component is past its design life. The City needs to construct a new WWTP to meet its TPDES discharge permit limits.	CWT	PADC	$6,265,000.00	70%			
10	70	13324	East Texas MUD of Smith County	TX0032484	1,830	The City of Winona's WWTF consistently fails to meet the requirements of its TPDES Discharge Permit. A lift station will be constructed at the site of the City's WWTF of sufficient capacity to pump peak flow of wastewater from the WWTF, through a 6" Force Main 2.4 miles south along SH 155 to a WWTF owned by East Texas Municipal Utility District (ET MUD). The ET MUD WWTF is of sufficient capacity to accept wastewater from the City of Winona. The ET MUD WWTF has a history of consistently meeting the parameters of it's discharge permit. This project will close a WWTF that does not perform, and regionalize wastewater treatment in this rural part of Smith County.	CWT	PADC	$3,264,500.00	70%			IUP 2020: PIF#12965

* Sandbranch - To be determined upon further TWDB review

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POTW													
11	70	13365	Dilley	TX0115282, TX0137928, TX0137936	4,029	The WWTP at Dolph Briscoe Unit is operating at almost 100% capacity and does not meet E-Coli discharge requirements; the city is under mandate and threat of severe fine from TCEQ; 2. Upon decommissioning of DBU and transmission to the City's WWTP, the City will exceed capacity, needing immediate expansion. The proposed project will focus on sewer system improvements. Construction of transmission line to divert excessive effluents from Dolph Briscoe Prison. Construction of line to transmit DBU prison effluents to the city's WWTP, including manholes and lift stations. and Engineering design and construction to upgrade and expand the city's WWTP to meet TCEQ mandate.	CWT	DC	$14,542,665.00	50%	Yes-BC	$250,000.00	
12	66	13360	San Benito	TX0125971, TX0135470	24,474	Improvements Proposed are part of an SSOI violation with TCEQ. This project includes improvements to the City's sanitary sewer collection (cleaning, repairing and/or installing new gravity mains & manholes) and pumping systems (lift station rehabilitations or replacements). A portion of this work is considered the Phase II Sanitary Sewer Overflow Initiative Improvements. An Asset Management Plan and modeling of the wastewater collection & pumping systems are proposed as a part of this funding request.	CWT	PADC	$8,166,000.00	30%	Yes-BC	$400,000.00	IUP 2018: PIF #12265
13	65	13364	Rosebud	TX0023981	1,415	The existing wastewater treatment plant (WWTP) uses old equipment which has become difficult and expensive to maintain and repair. Existing water meters do not measure water usage accurately causing water loss documentation to be inaccurate. The City proposes to replace outdated 30-year old WWTP technology with new treatment technology capable of meeting new State discharge requirements and resulting in reduced operation and maintenance costs. The project will also include the replacement of distribution systems water meters. The City intends to utilize TCEQs FMT program for asset management.	CWT	PDC	$6,734,171.00	50%	Yes-BC	$4,900,000.00	

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POTW													
14	65	13358	Pearland	TX0032743	41,106	The BRWRF Expansion Project (Project) involves the expansion of BRWRF from 3.10 Million Gallons per Day (MGD) AADF to 8.53 MGD AADF (projected 2026 design flows). The plant will make use of MBR technology to fit the expanded plant on the existing site and meet higher effluent quality standards to prepare for future Type I Reuse implementation. The City intends to decommission the Longwood (LW) Water Reclamation Facility (permitted capacity 2.5 MGD) and transfer the flows from the Longwood Service Area to the BRWRF (capacity 3.10 MGD). According to TCEQ 30 TAC Chapter 305.126 (a), whenever wastewater flows to a plant reach 75% of average daily or annual daily flow for 3 consecutive months, the facility must initiate engineering and financial planning for expansion and/or upgrading of the wastewater treatment facilities.	CWT,Other	DC	$131,680,466.00				
15	61	13330	Breckenridge	TX0023213	2,936	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 of Breckenridge is proposing to upgrade existing lift stations and replace manholes and collection lines to address significant infiltration & inflow (I&I) and increased flows to the WWTP. The City is proposing to in order to identify the most severe areas contributing to the I&I issue. The City proposes address the issue of I&I at the WWTP with the construction of an equalization basin and pump station. The City proposes to construct new solids dewatering equipment in the plant. The proposed project also includes the development of an asset management plan.	CWT	PDC	$4,160,000.00	30%			IUP 2019: PIF #12831
16	60	13375	Beach City WCID		630	The existing wastewater treatment plant is deteriorating and approaching its useful service life. The plant will either have to be fully rehabilitated or replaced. The Bayridge wastewater collection system is over 50 years old and in need of replacement. The age of the existing wastewater treatment plant and some of the collection system is unknown at this time but is in a deteriorated condition. The treatment plant is in need of major rehabilitation or replacement. Portions of the collection system have reached their useful service life and in need of replacement to address infiltration and inflow concerns.	CWT	PADC	$1,320,000.00				

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POTW													
17	60	13326	Driscoll	TX0094145	744	The plant has struggled to maintain compliance with TCEQ permit parameters. Total Suspended Solids and Bacterial limits are issues. Proper retention times are not possible in the aeration chamber due to solids buildup. Removal of solids is not possible due to the basin not being constructed of concrete. The possibility of puncturing the basin liner prohibits the cleaning of the basin. Plant will be evaluated and alternatives developed for improvements. This project will provide a study to address the condition of the wastewater treatment plant and collection system. The plant has experienced extended failures of plant mechanical equipment and is struggling to comply with TCEQ permit requirements. Improvements to the facility are needed so that plant will comply with discharge limits and provide 100% reliability.	CWT	P	$47,500.00	30%			
18	60	13321	Jefferson Co WCID # 10	TX0111589	6,400	The existing facultative lagoon/rock reed filter cells wastewater treatment facility cannot meet the new TCEQ mandated discharge limits for the Rhodair Gully. This project will provide for disinfection and discharge improvements for the existing wetlands treatment facility to meet TCEQ mandated discharge limits and relocate the WWTP effluent discharge outfall to the Neches River via pump station / force main. A chlorine disinfection system and de-chlorination system will also be provided to meet TCEQ compliance.	CWT	C	$2,500,000.00				
19	54	13336	Roma	TX0117544	19,123	The City's Wastewater Treatment Plant (WWTP) and wastewater collection system are in need of specific repairs. Completion of the proposed improvements is needed to maintain compliance with the City's current discharge permit limits. Proposed collection system improvements include repairs to one of the City's major lift stations; including replacement of pumps, addition of a mechanical screen and addition of an odor control system. Needed rehabilitation at the City's WWTP includes the existing grit removal system, the return activated sludge (RAS) and waste activated sludge (WAS) system, the existing clarifiers, the existing UV disinfection system, the existing solids dewatering system, and the WWTP's onsite support systems. The proposed project will also include the development of an asset management plan for the City's wastewater system.	CWT	PDC	$5,284,000.00	50%	Yes-BC	$5,284,000.00	IUP 2018: PIF #12379

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POTW													
20	53	13318	North Texas MWD	TX0047431	1,300,000	The peak wet weather flow generated in the service area is approaching the capacity of the existing Buffalo Creek Interceptor, Buffalo Creek Lift Station and Force Main. The NTMWD provides wholesale wastewater collection and conveyance to its regional wastewater treatment plant of wastewater generated by the cities of Rockwall, Forney, and Heath through an existing 30 MGD Buffalo Creek Lift Station (BCLS) and Force Main which is now at capacity. NTMWD proposes to install a 108.5 MGD gravity interceptor by tunnel to meet projected 78.5 MGD of Cities' combined 2040 needs and in addition to facilitate the future decommissioning of the existing BCLS and the existing Squabble Creek Wastewater Treatment Plant in Rockwall County. The new gravity interceptor is expected to be 10,300 Linear Feet of 90-inch pipe to be constructed between the western side of Kaufman County and the eastern side of Dallas County, crossing the East Fork of the Trinity River.	CWT	C	$39,616,000.00		Yes-BC	$23,713,000.00	
21	50	13294	Seadrift	TX0026671	1,677	Periodic excursions of TSS permit limitations during peak flow periods. During peak flow events, sludge often will 'washout' of the WWTP. A new 42' diameter clarifier and 3,000 CF chlorine contact chamber, and an RAS lift station will be constructed. The existing WWTP will be refurbished, replacing the blowers, air headers, and diffusers to upgrade from an ADF of 0.3MGD to an ADF of 0.4MGD.	CWT	DC	$1,625,700.00	50%			IUP 2019: PIF #12842

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POTW													
22	48	13309	Colorado City		4,071	The system experienced a wastewater overflow result of lift station failure near the Colorado River, TCEQ enforcement order (Docket 2019-0222-MWD-E). The existing wastewater treatment plant is nearing capacity. The plant needs to be expanded to serve unsewered areas within Colorado City and accommodate anticipated population growth. The prison lift station has experienced issues processing large objects discharged into the prison's sewer system. The city of Colorado City (the City) is proposing to upgrade its collection system by constructing a new lift station to relief the existing lift station near the Colorado River (the existing lift station will be maintained as an emergency backup), expand its collection system to serve unsewered areas, and to install a new wastewater main to serve the prison. The new main will eliminate the existing prison lift station and a grinder at the new lift station will help process large objects discharged into the prison's sewer system. The City is also proposing to increase its wastewater treatment plant capacity by adding additional storage pond volume and acquiring additional irrigation area.	CWT	PADC	$10,400,000.00		Yes-BC	$1,764,000.00	
23	45	13312	Tom Bean	TX0055212	1,099	During high I&I events the plant must operate in "emergency" mode to ensure water quantity requirements are met. The WWTP routinely exceeds 75% of their permitted flow. Over the past 3 years, the WWTP has experienced 8 months (4 being consecutive) that the ADF was over the permitted 75%. The City has self-reported 123 such violations during this 3-year period. Each violation coincides with a rainfall event. Due to this pattern, this project will rehabilitate several other aspects of the WWTP including, in priority order: Storm Water holding pond; Electrical Rehabilitation; Sludge Dewatering System; Effluent Chamber Sampling System; Clarifier Equalization Rehabilitation; Chlorine Contact Chamber Rehabilitation; Racetrack Rehabilitation; Automatic Bar Screen. With these improvements, the WWTP will be able to operate more efficiently.	CWT	PADC	$1,250,000.00				

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POTW													
24	45	13281	China	TX0071650	1,200	The City's WWTP is over 30 years old, in poor condition, too small to handle expected future growth, and chronically violates the TSS parameter of its discharge permit. The City anticipates a permit limit for NH3 will be added to the discharge permit. The City proposes to design and construct a new WWTP with additional treatment capacity. The acquisition of additional property may be required for construction of the new WWTP.	CWT	PADC	$10,220,000.00				
25	45	13319	Ranger		2,568	The existing mechanical wastewater treatment plant (WWTP) is old and expensive to operate and maintain. Additionally, the existing WWTP is nearing capacity. To construct a new wastewater treatment facility to provide relief to the existing WWTP. The new facility will consist of a facultative lagoon, a stabilization pond, and an irrigation holding pond. A holding tank and pump station at the existing WWTP and a 12-inch force main will deliver the wastewater to the new WWTP. The City will also construct one or more center pivot irrigation systems to irrigate with treated effluent.	CWT	C	$6,000,000.00	70%	Yes-BC	$4,405,000.00	IUP 2014: PIF #10244
26	45	13630	Shenandoah	TX0093564	2,817	The project is needed to expand the existing WWTP to serve future developments. The current WWTP meets all public health and safety requirements. There are no MCL violations or physical deficiencies. The project for which funding is requested is the design and construction of upgrades, repairs, and modifications to the existing wastewater treatment plant ("WWTP") serving the City of Shenandoah.	CWT	DC	$6,000,000.00				
27	41	13298	McCamey		2,146	During the permit renewal process with the TCEQ, the need was identified to expand the storage pond to comply with the requirements set by the TCEQ. The proposed project is necessary to comply with TCEQ TPDES permit requirements The proposed expansion of the storage pond will bring the wastewater treatment plant into compliance with the TCEQ regulations and TPDES permit requirements.	CWT	PDC	$1,768,955.00	30%			IUP 2018: PIF #12262
28	41	13275	Daingerfield	TX0027031	2,705	The existing WWTF is heavily impacted by I&I. Failing collection and treatment system components contribute to I&I and high operational costs. Sanitary sewer leaks are a risk to health and the environment. Replace approximately 16000LF of 8" to 16" diameter aged and failing sewer collection lines that are a significant source of I&I. Install miscellaneous piping, and SCADA upgrades at the WWTP. Create and implement an Asset Management Plan.	CWT,Other	PDC	$3,689,000.00	50%			IUP 2019: PIF #12760

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POTW													
29	41	13342	Stamford	TX0025411	3,126	Existing infrastructure such as the pump station, collections lines and manholes are continuing to fail and need to be replaced for proper wastewater containment and operation. 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. The proposed project also includes development of an asset management plan.	CWT	PDC	$4,681,000.00	50%			IUP 2017: PIF #12087
30	40	13301	Moran		207	The City is under enforcement for an enforcement action by the TCEQ for failure to properly treat effluent. The City also experiences infiltration and inflow (I/I). The project consists of replacing approximately 2,000 linear feet of 8" collection system line to reduce I/I and the construction of a facultative lagoon to help maintain compliance with TLAP permit requirements.	CWT	PDC	$650,000.00	70%			
31	40	13332	Mertzon		700	The City's wastewater treatment plant (WWTP) was constructed in 1975. The influent lift station pumps, screening at the headworks, oxidation ditch aerators, and secondary clarifier weirs need to be upgraded in order to consistently meet TCEQ design requirements and TPDES permit requirements. The proposed project includes an upgrade to the WWTP headworks, upgrade to the influent lift station, replacement of the aerators, and rehabilitation of the clarifier.	CWT	PDC	$3,881,000.00	50%			IUP 2020: PIF #13164
32	40	13271	Greater Texoma UA		1,600	Plant has had issues with effluent limits. Plant will also need to be upsized to meet future demands PADC of a proposed treatment plant improvement project that consists of rehabilitating an existing WWTP including new clarifier(s), aeration basin(s), and sludge handling facilities, required site work, piping and equipment, and modifications to the facility s required.	CWT	PDC	$5,469,288.00	70%			IUP 2019: PIF #12955

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POTW													
33	40	13363	Union WSC	TX0124613	6,358	Sewer overflow on several instances that drain raw sewerage material to an adjacent private property. Leaks on lift stations, headworks, sand dry bed and aerated basin may contaminate any groundwater underneath the soils. The proposed project addresses a long pending problem with several components within the Union WSC WWTP facility, which is rehabilitation two lift stations having continuous overflows and draining raw sewerage material into an adjacent private property , re-constructing existing aeration basin which has been previously sealed and continues to leak and to re-construct the headwork due to it is in poor conditions and rehabilitation of the existing sand dry beds.	CWT	PADC	$4,995,000.00	70%			
34	40	13303	Crockett	TX0025895	6,516	The failed state of the existing sewer lines has resulted in numerous unauthorized discharges along SH7, SH21, and adjacent streets. Rehabilitation of existing sanitary sewer lines along SH7 and SH21 between the downtown area and the east loop.	CWT	PDC	$2,199,550.00	50%			
35	36	13280	New Ulm WSC	TX0114880	290	The City's existing wastewater treatment package plant was installed in 1995 and is nearing its life expectancy. Since this is a steel plant, there is a lot of visible rust. It was rehabilitated eight (8) years ago and at that time there was some concern that the remaining thickness of the walls would not withstand another rehab. The City proposes to construct a new WWTP that would consist of a concrete aeration basin, concrete clarifier, concrete chlorination basis, and concrete digester.	CWT	DC	$1,600,000.00	70%			
36	35	13285	Richland Springs		332	The City of Richland Springs has been operating its wastewater system without a TCEQ permit. Improvements to the existing collection system and wastewater treatment plant are needed. Proposed improvements include replacement of target areas of the wastewater collection system inside the City, replacement of the existing lift station, and replacement of the existing wastewater treatment plant. The proposed wastewater treatment improvements will allow for the reuse the treated effluent for irrigation. Currently, effluent is being evaporated. The City will secure a new permit from the TCEQ.	CWT	PAD	$395,000.00	70%			IUP 2020: PIF #13175

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POTW													
37	35	13327	Nueces Co WCID # 5	TX0054291, TX0137197	726	Bacterial impairment has been identified in the Segment 2203 of Petronila Creek. This segment is listed on the 303D list of impaired water bodies. Segment 2204 discharges to 2203 and is impaired with dissolved solids. A TMDL Project for Dissolved Solids has been Approved by TCEQ for Segment 2204. The Baffin Bay project will work to remove the impairment of bacterial in the tidal area (Segment 2203). The project is needed to address the exceedances of e-coli and other discharge parameters in the WWTP effluent permit. The WWTP is struggling to comply. Grease balls and other solids have been noted in the receiving stream during a recent TCEQ Compliance Inspection. The plant was designed and constructed under Chapter 317 Rules and does not comply with the new Chapter 217 Rules. Deterioration to the aging facility is also a problem with deteriorating weirs and scum baffles. Concrete in the aeration basin has separated and is seeping sludge. Mechanical equipment is in need of replacement. An evaluation is needed to make sure structure is sound and compliance with existing Chapter 217 rules is possible. The Collection system needs to be evaluated points of where inflow is experienced identified and alternatives for corrective actions developed.	Other	P	$47,500.00	30%			
38	35	13509	Willow Park	TX0099732	1,941	The City has an interim 0.5 MGD plant that must be upgraded to provide capacity for existing and proposed sewer flows. The City has exceeded 80% of the rated plant capacity. The City proposes to construct a new 1.0 MGD wastewater treatment plant, utilizing some existing equipment, on a new site with the same discharge location. The project would include irrigation facilities and repayment of an existing debt.	CWT	PDC	$11,500,000.00		Yes-BC	$1,000,000.00	IUP 2020: PIF #13224
39	34	13344	Roby		643	The City of Roby has never removed solids from its wastewater treatment plant (WWTP). The existing WWTP consists of an extended aeration oxidation ditch followed by an irrigation lagoon which supports an onsite irrigation system. Since the existing WWTP does not have a clarifier, solids have built up within the oxidation and lagoon, reducing effective capacity over time. The proposed project includes; rehabilitation of the existing headworks, restoration of oxidation ditch capacity, replacement of the existing aeration system, and restoration of lagoon capacity. The proposed project will also include development of an asset management plan for the facility.	CWT	PDC	$1,156,000.00	30%	Yes-BC	$1,156,000.00	IUP 2019: PIF #12823

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POTW													
40	33	13277	North Texas MWD	TX0022241	1,300,000	Peak flows during heavy rains exceed the treatment capacity of the Plant. Also, the Plant has reached 75% of its annual average daily flow and needs to be expanded due to the growth of the cities it serves. Phase 1 of the project will construct a new influent lift station, a transfer pipeline, peak flow storage basins and a drain pipeline along with electrical improvements. Phase 2 of the project will construct an 8 MGD expansion of the plant and replace critical items identified in the assessment of the existing facilities. It will also include electrical improvements.	CWT	DC	$169,497,000.00				
41	31	13335	Upper Leon River MWD	TX0128813	255	The challenges in land applying solids from the plant has resulted in excess solids stored in the WWTP, resulting in increased discharge limit noncompliance from the WWTP. 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	$2,762,000.00	70%	Yes-BC	$782,300.00	IUP 2018: PIF #12394
42	30	13308	Wellman		225	During the past several years, the City of Wellman has failed to meet effluent quality limitations for Biochemical Oxygen Demand (BOD) at their Wastewater Treatment Plant (WWTP). The existing WWTP consists of an activated sludge process plant using the extended aeriation mode. The existing mechanical plant includes the following treatment units: bar screen, aeriation basin, and final clarifier. The facility includes one effluent storage pond, which stores effluent prior to being irrigated on 33 acres of nonpublic access agricultural land.	CWT	PDC	$1,100,000.00				IUP 2020: PIF #13184

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POTW													
43	30	13351	North Zulch MUD		473	The facility has been experiencing increased flows and consistently saturating ground causing it to violate its 0.034 MGD land application permit. The MUD's existing lagoon/pond system has experienced increased flows and has been unable to meet their Land Application Permit. The MUD plans to switch to a traditional discharge permit and construct an activated sludge package plant to treat the increased flows. The existing lift station will be relocated/reconstructed to reduce inflow and infiltration and to provide additional pumping for high flow events. The existing stabilization pond will reused as flow equalization. The existing facultative lagoon will be decommissioned. Smoke testing of the collection system will be performed to identify sources of inflow and infiltration.	CWT,Other	PADC	$2,641,000.00				
44	30	13289	Lone Oak	TX0100021	786	The City of Lone Oak is currently experiencing capacity issues at their WWTP. The existing WWTP effluent flow is above the 75% permitted flow. The flow data for 2019 was 116% of permitted flow. The City of Lone Oak proposes to increase the capacity of their wastewater treatment plant to continue to provide adequate sanitary sewer services to their community. Improvements consist of increasing the existing lagoon treatment plant or installing a packaged mechanical wastewater treatment plant.	CWT	PDC	$2,750,000.00				IUP 2020: PIF #13024

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POTW													
45	30	13508	Tioga	TX0055221	1,235	The project is needed due to the significant population growth as well as deterioration of the collection system and the relocated WWTP is to account for higher flows, but also to prevent having to upsize pipes to convey these higher flows through existing undersized pipes. The WWTP will reach 90% of the permitted flow by 2024 when construction must begin. A significant portion of population growth is predicted to occur on the east side of town. With the current location of the WWTP, the flow from the new growth would have to be conveyed through the existing sanitary sewer lines to the plant, which would require many line size upgrades to occur. Therefore, the plan is to locate a new WWTP on the east side of town. The proposed WWTP will increase the treatment capacity from 180,000 to 550,000 gallons per day, which will account for the projected population growth that will occur over the next 30 years. This project also involves replacing 23,150 LF of clay sanitary sewer lines within the collection system to account for the increased flow, but mainly to reduce Inflow & Infiltration (I&I) into the collection system. Along with replacing sanitary sewer lines, this project will include constructing a lift station in the current location of the existing WWTP.	CWT	PDC	$11,651,398.00				
46	30	13284	Fort Davis WSC	TX0066133	1,674	The existing plant was constructed in the 1970s in very close proximity to the floodplain. The existing plant is plagued by maintenance issues and is having difficulty meeting stricter discharge requirements. The plant is also landlocked and cannot expand. Obtain a new WWTP site and construct a new WWTP outside of the floodplain and with sufficient land to expand and meet all TCEQ buffer zone requirements.	CWT	PADC	$4,250,000.00				IUP 2020: PIF #12977

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POTW													
47	30	13346	Marble Falls		6,212	The existing wastewater treatment plant reached a flow capacity of 90%, which is the threshold where TCEQ requires the City to begin construction of the new wastewater treatment plant. Construct a new wastewater treatment plant with a capacity of a minimum of 1.5 MGD. The new plant will incorporate innovative technology that is more energy efficient, has a smaller footprint, and produces cleaner effluent. This design will also involve disposal of the wastewater produced. This will involve expanding the City's purple pipe system, and the disposal method that is recommended from the study included in the design portion of this project. The options currently being evaluated are industrial reuse, aquifer recharge, and discharge.	CWT	C	$32,233,000.00	70%	Yes-BC	$10,300,000.00	
48	30	13276	Gladewater	TX0022438	6,541	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 will occur as required for TxDOT highway widening projects. WWTP upgrades will include sludge handling upgrades, rehabilitation of equalization pond, and electrical and control upgrades.	CWT	PDC	$3,330,000.00	30%			IUP 2019: PIF #12765
49	30	13349	Freeport	TX0033332	12,108	Compliance with the terms of the SSOI are in effect to improve the collection system and reduce future sanitary sewer overflows. The City of Freeport has voluntarily entered into a Sanitary Sewer Overflow Initiative (SSOI) with TCEQ. To accomplish the goals of the SSOI the City will be performing rehabilitation on their sewer lines and lift stations. The City owns and operates approximately 250,000 LF of sewer line which will be inspected and rehabbed as necessary. The existing 29 lift stations have been evaluated with nine (9) identified as very high risk and therefore recommended for rehabilitation. Additionally, the City will be rehabilitating the existing wastewater treatment plant (WWTP) to improve performance and reliability.	CWT	DC	$13,500,000.00	30%			

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POTW													
50	30	13359	Jacksonville	TX0024392	14,923	Numerous structural failures of the severely deteriorated the concrete pipe trunk main have resulted in significant overflows and subsequent enforcement by TCEQ. One portion of this project consists of replacing approximately 9,500 feet of 60-plus year old unreinforced concrete sewer trunk main and associated manholes. Additionally, a major lift station (Lakeshore) that serves the southwest portion of the City will be upgraded.	CWT	ADC	$5,725,000.00				
51	29	13338	Acton MUD	TX0105155	8,655	The City's WWTP has reported multiple historical TPDES permit violations as well as a recent TPDES permit violation in 2015. The areas serviced by the AMUD Pecan Plantation Wastewater Treatment Plant (WWTP) are continuing to grow and expand. The WWTP expansion is necessary to treat the additional flows that will be produced due to the new developments in this area. In an effort to be proactive, AMUD proposes to expand the Pecan Plantation WWTP to accommodate the flows produced by these new connections in the collection system project. The proposed WWTP expansion will entail adding additional influent pump station capacity, replacing the existing extended aeration basin and clarifier systems with a Sequencing Batch Reactor (SBR) system, increasing disinfection and sludge handling capacity, as well as the associated yard piping, electrical, controls, etc. Due to site space restrictions within the existing plant footprint, new processes will be constructed at the north end of the plant site, with demolition of existing processes once the new processes are online.	CWT	PDC	$13,026,200.00		Yes-BC	$13,026,200.00	IUP 2020: PIF #13065
52	25	13325	Grapeland	TX0055239	1,857	The project is needed to incorporate much needed maintenance and upgrades, and to provide capacity for planned developments. Proposed upgrades include a parallel treatment process. The parallel treatment could then be used for operations while the existing treatment facility is upgraded. Currently, extensive repairs are needed at the existing plant but there is not a means for bypassing the treatment process to allow for renovation.	CWT	PDC	$6,435,250.00	70%			IUP 2018: PIF #13257

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POTW													
53	25	13323	Eagle Lake	TX0072885	3,727	Rehabilitate existing 0.75 MGD wastewater plant including repairs to existing mechanical screen, replace existing influent lift station pumps, replace existing RAS/WAS pumps, replace existing final clarifier equipment, replace existing diffused air system in aerobic digesters and chlorine contact chamber, install new emergency generator and other related items to the wastewater treatment plant. The project will also include replacing existing clay and concrete sanitary sewer gravity collection lines as well as rehabilitation or replacement of existing lift stations in the system.	CWT	DC	$4,960,000.00	50%			
54	25	13322	Waxahachie	TX0027537	39,206	The City of Waxahachie replacement segments within the City's collection system are intended to rehab and replace approximately 21,765 linear feet of existing 8-inch to 27-inch wastewater mains with 8-inch to 27-inch pipe in various locations within the City. These segments were found to have high amounts of infiltration and the majority of the lines have been in service for at least 70 years (since 1950). The project names for the segments to be rehabbed and replaced are: Katy Trunk Sewer Rehabilitation Project. Wyatt Street Sanitary Sewer Rehabilitation Project, Hill Street Branch Rehabilitation Project, and Southwest Trunk Sewer Rehabilitation Project Phase I.	CWT	C	$13,413,000.00		Yes-BC	$11,177,000.00	
55	24	13339	Granbury	TX0105210	11,300	The City of Granbury is proposing to expand its existing wastewater treatment capacity. The City of Granbury proposes to construct an additional new satellite WWTP and associated collection system improvements to support the proposed WWTP improvements, as well as expanding its East satellite WWTP. The proposed improvements are intended to begin eliminating the risk of force main failures that cross Lake Granbury, as the City continues to rely more and more on the lake as its primary drinking water source. The proposed treatment will evaluate the need for conventional technologies versus the need for more advanced technologies, such as biological nutrient removal (BNR) and membrane bioreactor (MBR) technologies. The proposed project will also include the development of an asset management plan.	CWT	PADC	$30,862,000.00		Yes-BC	$30,862,000.00	IUP 2020: PIF #13167

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POTW													
56	22	13288	Green Valley SUD		40,920	This project will provide service to contracted non-standard service commitments within the CCN and bring centralized sewer to undeveloped properties in Guadalupe County. This is the second phase of a two phase project. The first phase (TWDB CWSRF No. 73857) is currently being financed and entering construction. This second phase will extend the sewer line from Lower Seguin Road the Weil Road to provide service to residential developments in GVSUD's sewer CCN. Funds will finance the planning, environmental, survey, easement acquisition, design, permitting, issuance costs and construction of the Santa Clara Creek Wastewater Gravity Collection System Phase II. The gravity collection system consists of 18 inch to 36 inch diameter mains. An asset management plan is being created under the Phase I TWDB loan.	CWT	PADC	$24,103,000.00				IUP 2020: PIF #12989
57	21	13345	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 project consists of installing a new wastewater system in the City of Millsap. There currently is no existing wastewater system infrastructure within the City. 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 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.	CWT	PADC	$7,800,000.00	70%	Yes-BC	$7,800,000.00	IUP 2018: PIF #12372
58	21	13366	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	PADC	$21,550,000.00	70%			IUP 2020: PIF #13184

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POTW													
59	21	13297	Athens	TX0025372	12,653	The north and west plants are both out dated. They both need upgrades to provide proper wastewater treatment. In order to more efficiently treat the wastewater a new plant needs to be constructed. The City of Athens wastewater system is aged. The records for the existing system are poor or outdated. The City needs to inventory its existing system by utilizing GIS mapping. Once the mapping is complete an asset management plan needs to be created so that infrastructure can be maintained and/or replaced on a schedule prior to failure. The asset management plan and the City's comprehensive master plans will be used to develop a wastewater master plan. The wastewater master plan will include the elimination of the north wastewater treatment plant and the construction of a larger more efficient waste water plant at the current location of the west wastewater treatment plant.	CWT,Other	PADC	$36,116,000.00	50%	Yes-BC	$34,000,000.00	
60	21	13311	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install new sewer lines to expand services and improve pressure.	CWT	DC	$424,838.00	30%			
61	21	13316	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a new lift station and sewer lines to expand services and improve pressure.	CWT	DC	$2,148,603.00	30%			
62	21	13317	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a new lift station, treatment system and sewer lines to expand services and improve pressure.	CWT	DC	$3,895,407.00	30%			
63	21	13353	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a lift station, wastewater treatment plant and connect to existing 8" sewer lines	CWT	DC	$2,402,307.00	30%			
64	21	13354	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a lift station and new 8" and larger sewer lines to expand services and improve pressure. Also decommission existing septic tanks and connect those properties to the system.	CWT	ADC	$5,759,713.00	30%			

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POTW													
65	21	13355	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a lift station and 8" sewer lines to expand services and improve pressure and decommission existing septic tanks and connect those properties to the system.	CWT	DC	$1,875,531.00	30%			
66	21	13356	Lower Valley WD		93,061	The project area is not currently being served by the District's sewer system. The District proposes to install a lift station and 8" sewer lines to expand services and improve pressure and decommission existing septic tanks and connect those properties to the system.	CWT	ADC	$3,874,527.00	30%			
67	21	13348	Abilene	TX0023973	121,994	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 will improve the environmental safety to residents and wildlife. The proposed project includes improvements at the Buck Creek Pump Station (replacement of main transfer pumps, VFD's, electrical upgrades and SCADA system replacement), upsizing of the 36-Inch West Interceptor, upsizing of the Southwest Interceptor and upsizing of various pipe segments 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.	CWT	PDC	$89,958,000.00				
68	19	13329	Miles		870	The existing WWTP is approaching the end of its useful life and major improvements are needed to allow the City to continue to stay in compliance with the TLAP permit. The City's WWTP consists of an Imhoff Tank and lagoon system. The City wants to evaluate replacement of the WWTP and/or what improvements are needed for the WWTP and its collection system.	Other	P	$200,000.00		Yes-BC	$200,000.00	IUP 2018: PIF #12371

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POTW													
69	19	13347	Roma		18,903	Large amounts of water loss can be attributed to aging mechanical meters throughout the water system and an increase in tampering methods including the use of magnets and bypasses. The incorporation of an AMI system with solid state meters will provide real time flow monitoring throughout the system, reduce the number of missed and incorrect readings, allow for real time detection of unauthorized meter removal, notify customers of potential leaks, and help track conservation efforts. Additional secondary benefits for the AMI system include improved billing accuracy and reduction in labor costs associated with meter readings. The City of Roma is looking to fully replace its 6,500 active meters with solid state technology, install the necessary AMI infrastructure, and upgrade any software required by its billing system. The proposed project also includes development of an asset management plan.	GPR	PDC	$4,600,000.00	50%	Yes-BC	$4,600,000.00	
70	16	13302	Magnolia	TX0072702	2,207	2.25 mgd wastewater treatment plant in a different watershed than the existing treatment plant to serve the eastern side of the City. Lift station and force main to pump to the planned new WWTP referenced above.	CWT	PADC	$38,000,000.00				
71	16	13337	Winters		2,500	The dilapidated piping experiences severe infiltration and inflow during rain events and the aged manholes have been to collapse causing line blockage. Enclosed herein is the above referenced application for the City of Winters (City) for the construction of wastewater collection system improvements. The City's existing wastewater collection system was originally constructed in the mid- to late-1930's and consists of clay pipes ranging in size from 4-inches to 12-inches in diameter. The proposed project area is located in various sections of the City. The dilapidated piping experiences severe I&I during rain events and the aged manholes have begun to collapse causing line blockages. The elevated I&I causes significant flow increases at the wastewater treatment plant (WTP) during storm events and threatens to exceed the capacity of lift stations within the system. In addition, the collapsed manholes have, at times, triggered sections of the system to backup and threatened to cause overflows. The significant cost of the required improvements is in excess of the funds available to the City. Applications have been submitted to other	CWT	PDC	$2,746,000.00	70%	Yes-BC	$2,746,000.00	IUP 2018: PIF #12400

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POTW													
72	16	13304	Alice	TX0091219	18,887	Aging 40 to 50-year old concrete and clay wastewater collection system lines and brick manholes. Remove and replace of approximately 22,975 linear feet of aging wastewater collection system lines, install manholes and sewer taps.	CWT	PDC	$5,510,000.00	30%	Yes-BC	$4,057,710.00	IUP 2019: PIF #12813
73	15	13286	Hudspeth Co WCID # 1	TX0115657	705	The Hudspeth Co. WC&ID No. 1 recently started exceeding 75% of their permitted capacity and in late 2019 they were cited for violating their permit limits for BOD. Install additional Facultative Lagoons, Oxidation Ponds, Headworks, and plant piping to expand the existing natural pond plant from 0.16MGD to 0.30MGD.	CWT	PADC	$2,885,000.00	50%			
74	15	13307	Bartlett		1,623	The City has water meters in service that are past their useful life which fail to accurately measure usage. Replacement of water meters and meter boxes, software and hardware for system. Asset Management requirements will be accomplished utilizing TCEQ's FMT program.	GPR	PDC	$1,147,400.00	70%	Yes-BC	$430,500.00	
75	15	13282	Harris Co WCID # 36	TX0084085	11,167	Harris County WCID 36 is contracted 21% of Harris County FWSD 51 WWTP. Harris County FWSD 51 is a growth area and it is anticipated that the WWTP will have to expand in the near future. Additionally, there are odor and security issues at the Haden Rd Lift station. POTW Project-Treatment. Planning, Design & Construction. HCWCID 36 (D-36) owns a WW collection/pumping system that flows to WWTP operated by HC-FWSD No. 51. D-36 proposes to build a WWTP to process their wastewater "in house". The District also desires to relocate the Haden Rd. lift station due to security and odor issues.	CWT	PDC	$20,740,000.00	50%	Yes-BC	$500,000.00	IUP 2018: PIF#12537
76	15	13310	Edinburg	TX0024112	83,879	The proposed project is multi-phased having three phases. Phase 1 will be to correct deficiencies at the existing \W./TP. Currently the existing plant is permitted for 12.3 MGD; however, the pollutant parameters are exceeded when flows are beyond 9.3 MGD. The project will be to make improvements necessary to meet all permit parameters at a flow of 13.5 MGD. The 2nd and 3rd project phases will be implemented simultaneously. The 2nd phase will be to construct a new 4.5 MGD plant on the north side of the City's service area. The 3rd phase will provide for the construction of collection system improvements that will divert as much as 3.03 MGD of existing flow to the new plant thereby offloading the existing plant.	CWT	PADC	$51,877,000.00		Yes-BC	$625,000.00	

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POTW													
77	13	13334	Slaton		6,077	The new force main is needed to provide redundancy and the new generator is needed to provide emergency power. The City of Slaton sends all of the flow from the City to the WWTP through a single 10-inch force main. 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 proposed project will also include development of an asset management plan.	CWT	PDC	$3,016,000.00	30%			IUP 2019: PIF #12819
78	11	13283	Forsan		228	Cesspools and septic tanks exist on undersized lots. The City of Forsan project will install first time sewer collection lines to remediate existing cesspools and septic systems on small lots. The Forsan ISD built a new school with a permitted WWTP that has the capacity to serve the community and the project would tie the community on to this WWTP.	CWT	PADC	$6,000,000.00		Yes-BC	$6,000,000.00	IUP 2019: PIF #12740
79	11	13340	Santa Anna		1,099	These 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 proposed project includes replacement of aging sewer lines in 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. The proposed project will also include the development of an asset management plan for the City's wastewater system.	CWT	PDC	$1,122,000.00	50%			IUP 2018: PIF #12386

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POTW													
80	11	13373	Marlin	TX0021725	5,867	n/a The City's existing wastewater treatment plant (WWTP) has had numerous TCEQ violations including sludge build-up, e.coli exceeding limits, tank deterioration, aeration piping failures and short-circuiting. Marlin want to consider building a new 2 MGD wastewater treatment plant to replace its existing lagoon system; however, available funding and budget limitations may require the City consider other WWTP improvements. In addition, collection system improvements (I/I reduction) may prove to be cost effective approach in improving compliance. An asset management plan will also be developed as part of this project.	CWT	PDC	$15,000,000.00	70%			
81	11	13306	Marshall	TX0021784	23,449	Many components and equipment at the WWTP are aged and deteriorating. Repair and upgrade is necessary to be able to meet TCEQ effluent permit limits and allow safe function. Wastewater Plant Rehabilitation including Emergency Power Generator, Disinfection System Rehabilitation, BioTower Media Replacement, Clarifier Equipment Replacement, and new Sludge Processing Equipment. Also including site electrical improvements, lab rehabilitation, and creation and implementation of an Asset Management Plan.	CWT	PDC	$5,538,000.00	30%			
82	11	13305	Marshall	TX0021784	23,450	The existing East End lift station is assessed as an "Immediate Need" on the City's 2017 Wastewater Model and Master Plan. The lift station has been a target project since the early 2000s. It was inspected with CCTV in 2010 as a priority targeted project and is currently operating with a temporary pump on standby at the site. Rehabilitation of existing lift station and upgrade to 4.0 MGD capacity including electrical, control, emergency power, pump, forcemain, and gravity sewerline upgrades. Create and implement asset management plan.	CWT	PDC	$5,470,000.00	30%			
83	10	13341	Rule		597	The City has trouble repairing the old clay sewer line to the water treatment plant. The existing manhole that flows to the treatment plant is prone to solids backing up. The existing sewer lines to the wastewater plant are old and prone to stoppage. The sewer line to the water treatment plant is old clay lines that are buried very deep, deeper than the capabilities of the City's current equipment, which makes repairing the line very difficult.	CWT	PDC	$712,000.00	70%			

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POTW													
84	10	13291	New Waverly	TX0087831	1,067	Abandon and install approximately 2500 linear feet of sanitary sewer line along U.S. 75 in the City Limits of New Waverly.	CWT	PDC	$525,300.00	30%			IUP 2019: PIF #12809
85	10	13296	Meridian	TX0053678	1,499	The City's primary lift station at the wastewater treatment plant (WWTP) was constructed in the 1980s. The wet well piping is corroded and leaking when pumps are running, thus causing high water levels and periodic sanitary sewer overflows (SSOs). The City proposes to replace the wet well and valve vault piping. This project requires bypass pumping of raw wastewater from the manhole outside of the lift station directly to the WWTP headworks while the piping and valves are replaced in the lift station.	CWT	PDC	$295,060.00	50%			
86	10	13361	Buffalo	TX0053627	1,856	The plant was constructed over 40 years ago and has reached the end of the life expectancy. Components will begin to fail at a drastic rate at which point the City will not be capable of repairing and/or replacing. The City's existing wastewater treatment facility is over 40 years old and is in need of upgrading. This project would include units and conversion of existing tanks to storm water equalization. New unites include extended aeration basin, clarifier, post aeration and chlorine contact.	CWT	PDC	$7,069,140.00	50%	Yes-BC	$4,900,000.00	
87	10	13290	DeLeon	TX0054844	2,296	The need for the project is to replace existing sewer lines that are over their life expectancy which can break easily and cause wastewater overflows. Overflows could potentially lead to public health hazards. Another need for the project is to reduce the inflow and infiltration (I/I) into the collection system which eventually makes its way to the wastewater treatment plant (WWTP). If the WWTP were to receive a significant amount of I/I, the WWTP could potentially overflow causing the effluent to exceed its permit parameters which could lead to potential public health hazards. The proposed project would consist of replacing 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 also consist of replacing other appurtenances such as brick manholes, residential sewer reconnects, asphalt repair, etc. The areas of the lines to be replaced have been identified by City personnel which have caused issues in the past.	CWT,Other	PDC	$1,100,000.00	50%	Yes-BC	$1,100,000.00	IUP 2019: PIF #12746

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POTW													
88	10	13357	Junction	TX0021075	2,700	The sanitary sewer force main is at high risk of collapse due to the pipe being unsupported due to high stream flows. Failure of the sewer force main will result in untreated sewage discharging into the Llano River resulting in environmental contamination and would severely impact the City's ability to provide sanitary sewer service for the City of Junction. The existing sanitary sewer force main has been exposed at the river crossing by erosion of the west riverbank of the South Llano River. A flood event occurred on October 8, 2018 which resulted in the river rising to levels that caused excessive erosion around the force main pipe and the concrete encasement. The sewer force main crossing should be replaced with a new force main that is deeper and hardens the structure at the river crossing. A new directional drilled force main is proposed to be installed with a casing and carrier pipe. The alignment and profile of the new bore will be set back from the riverbank to protect the pipe and provide a 15 foot clearance between the riverbed bottom and top of the new casing pipe to protect it from stream degradation.	CWT	PDC	$1,506,800.00	30%			
89	10	13287	Union WSC	TX0124613	6,358	Two instances of sewer overflow into the neighboring home created a health hazard for the residences. The proposed project addresses a long pending problem with a lift station located adjacent to the home sharing a common wall of separation and the subsequent overflow into the house.	CWT	PADC	$1,722,000.00	50%			IUP 2020: PIF #13158
90	10	13274	Paris	TX0027910	25,119	To replace aged infrastructure and improve operational efficiency. The Paris WWTP Improvements project will include the design and construction of improvements and expansions to the existing WWTP in the City of Paris in order to replace aged infrastructure and improve operational efficiency. The plant has received several permit violations over the past two years, and according to a condition assessment of the treatment plant performed in July of 2019, multiple facilities were identified as needing either immediate rehabilitation or complete replacement. There will be two phases of design and construction, with the first phase focusing on the most critical facilities identified in the condition assessment.	CWT,Other	DC	$56,551,000.00	30%			IUP 2016: PIF #11119
91	10	13315	Lower Valley WD		93,061	The project area is currently being served by the District's sewer system. The District proposes to replace the old sewer lines that are dilapidated and connect them to a new lift station.	CWT	C	$481,390.00	30%			

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POTW													
92	9	13333	Crockett Co WCID # 1		3,650	The undersized and deteriorated water lines are contributing to water loss as well as potential for cross-contamination. The proposed project includes replacement of the existing pond wastewater treatment system with a mechanical wastewater treatment plant; replacement of the existing dilapidated main sewage lift station; replacement of the existing generator that provides emergency power to the main lift station; and replacement of the existing screening system at the plant headworks.	CWT	PDC	$10,100,200.00				IUP 2020: PIF #13153
93	5	13299	Gustine	TX0117722	496	The lift stations are old, out-of-date and need to be replaced to more efficient systems. Due to the age of the lift stations, it is only a matter of time before the lift stations go down and cause wastewater to backflow into residents' homes. The proposed project consists of making improvements to four existing lift stations within the City's collection system. The improvements would include full rehabilitation of the lift stations i.e. new wet well basins, pumps, controls/electricals, fencing, etc. The proposed project phases would include planning, design, and construction.	CWT	PDC	$350,000.00		Yes-BC	$350,000.00	IUP 2017: PIF#12101
94	5	13292	Graford	TX0104752	730	The wastewater treatment plant has multiple violations as a result of the inflow and infiltration 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 inflow and infiltration (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	$275,000.00		Yes-BC	$275,000.00	

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POTW													
95	4	13343	Seagraves		2,417	Existing infrastructure such as the collections lines and manholes are continuing to fail and need to be replaced for proper wastewater containment and operation. The City of Seagraves (City) is proposing to make improvements to its wastewater system by replacing outdated infrastructure in the wastewater collection system. The majority of gravity mains are made of vitrified clay tile (VCT) pipe which is deteriorated and is reaching the end of its useful life. At some point in the past the highway was widened, and the existing sewer main was covered by the road expansion. The existing sewer main is thought to be either 8” or 10”, or a combination of the two, VCT pipe. It runs from 3rd Street, between Ave J and Ave K, east under Railroad Ave (US Hwy 62/State Hwy 385), then north under the east portion of the highway to a pump station located north of State Highway 83. The proposed project also includes the development of an asset management plan.	CWT	PDC	$3,567,000.00				
96	3	13278	North Texas MWD	TX0123901	1,300,000	Currently, Panther Creek WWTP has a permitted average daily flow capacity of 10 MGD. However, in order to keep pace with the increasing wastewater treatment flow demands, the flow capacity of the WWTP will need to increase. The projected capacity of the WWTP is expected to exceed 90% of the permitted flow of 10 MGD in the next year which will trigger the need to start construction of the Interim Phase I (15 MGD) project. The discharge permit application to TCEQ includes Interim Phase I, Interim Phase II, and the Final Phase III which are in increments of 5 MGD (annual average daily flow). This project, for Interim Phase I, will increase capacity of the Panther Creek Wastewater Treatment Plant (WWTP) in Frisco, Texas from 10 million gallons per day (MGD) to 15 MGD and will increase the peak flow capacity of the Plant. Interim Phase II and Final Phase III will be done at a later date. This application for funding covers Interim Phase I only. Electrical Improvements including a backup generator are anticipated to be included in the scope of work.	CWT	C	$75,175,000.00				

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POTW													
97	1	13331	Coahoma		3,700	The City's lagoons are reaching capacity and need to be cleaned. Existing collection system infrastructure (e.g., the pump station, collection mains, and manholes) continue to fail and need to be replaced to ensure their proper functioning. The proposed project includes valve, piping, pump station and electrical equipment improvements at the wastewater treatment plant and wastewater collection system improvements. The City's wastewater collection system is comprised of approximately 57,296 linear feet (LF) of wastewater mains, approximately 1,032 LF of force mains and 56,264 LF of gravity mains. Most of the gravity mains are made of vitrified clay pipe (VCP), they are deteriorated and reaching the end of their useful life. The existing lift station is in acceptable condition, but the pumps fail often requiring regular repair. The WWTP is permitted to land apply treated wastewater to an irrigation site at a rate not to exceed 86,800 gallons per day (GPD). The project will also include the development of an asset management plan.	CWT	PDC	$4,097,000.00				IUP 2018: PIF #12338
98	0	13350	Ellinger Sewer & Water SC		438	Minimize ongoing operational issues due to clogging Install larger submersible 3 phase pumps at the East Side Lift Station to prevent ongoing clogging & other maintenance issues. Upgrade electrical service & components for larger pumps and bring up to current electrical code (built in early 1970's).	CWT	PDC	$210,000.00				
99	0	13295	Keene	TX0106291	6,266	Inflow & infiltration and sewer overflows. The proposed project includes replacing approximately 12,00 linear feet of old, deteriorated sewer line and lift station improvements.	CWT	PADC	$875,000.00		Yes-BC	$875,000.00	IUP 2020: PIF #13064
POTW Total		**99**							**$1,178,223,247.00**	**65**	**31**	**$179,566,210.00**	

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Nonpoint Source													
1	93	13352	Corpus Christi		123,307	The past decade has resulted in significantly higher numbers of extreme storm events, and an increase in tropical storm severity. Oso Creek, which serves as the natural storm water conveyance for the region has been subjected to severe flash floods, especially during tropical storm season. Oso Creek extends 24 miles through Corpus Christi's city limits and extraterritorial jurisdiction (ETJ) and terminates on the Cayo del Oso. This project will address flooding, stemming from repeated flooding events, one which was a Disaster Declaration (DR-4223) in 2015. By enhancing a 12 mile section of the natural creek channel, the project will improve the capacity of the stormwater system and provide reduction in storm water pollution through preventing erosion and providing infiltration of runoff water into the soil with bank and outfall stabilization and revegetation.	GPR	PDC	$43,501,502.00	50%	Yes-BC	$43,501,502.00	
2	80	13368	Los Fresnos		7,707	Flooding constantly occurs during large rainfall events in three areas (Resaca Escondida, Valle Alto, and Whipple Rd.) within the city limits. This project is proposing to complete drainage improvements at three areas (Resaca Escondida, Valle Alto, and Whipple Rd.) and to create a master plan for a reliable functioning of the city's storm drainage system.	GPR	PADC	$1,674,200.00	50%			

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Nonpoint Source													
3	45	13273	Nueces Co DCD # 2		11,901	There is a need to have a structured approach to resolve the many issues presented by flooding events at the NCDD2 area of responsibility. The Master Drainage Plan will present a unified strategy to resolve and mitigate the Regional Flooding Events. Develop a Master Drainage Plan for the jurisdictional limits of Nueces County Drainage District No. 2, as well as the Petronila Creek and surrounding watersheds. The Master Drainage Plan will include research, data collection, and coordination with local, state, and federal agencies to obtain the latest information available for use with GIS mapping, hydrologic & hydraulic analyses, and infrastructure planning. Inventory of existing infrastructure will require field survey data to accurately analyze the structures, open channels, detention facilities, and storm drain systems. Community involvement will consist of public input to confirm field data and identify other areas of concern, and discussions of drainage issues and solutions. Based on the inventory of existing infrastructure the Plan will identify existing drainage systems that need improvement, flood prone areas, and provide recommendations to address areas of concern through structural and non-structural measures.	Other	P	$64,088.00	50%			IUP 2020: PIF #13241
4	32	13320	Hays County		225,000	Hays County has identified a need to restore and preserve water quality in the county's waterways. To improve and protect the water quality in the county's waterways, Hays County will acquire water quality protection land.	NPS	A	$30,000,000.00		Yes-BC	$30,000,000.00	
Nonpoint Source Total		**4**							**$75,239,790.00**	**3**	**2**	**$73,501,502.00**	
Total		**103**							**$1,253,463,037.00**	**68**	**33**	**$253,067,712.00**	

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