# Texas Water Development Board
# SFY 2018 Clean Water State Revolving Fund
# Intended Use Plan
# Appendix J. Project Priority List - By Rank

| 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 | 129 | 12337 | Cisco | TX0053716 | 3,899 | The City of Cisco needs to replace/rehabilitate components of the City's wastewater treatment plant and collection system that have reached the end of their useful lives. In addition, one of the City's lift stations has become a detriment to the public health, safety and welfare for which the Texas Commission on Environmental Quality (TCEQ) issued a violation during a Comprehensive Performance Investigation. The City needs to upgrade and rehabilitate their existing collection and wastewater treatment (WWTP) system to address components that have reached the end of their useful life. The WWTP needs several components added, replaced, or upgraded to allow efficient treatment to meet the City's permitted discharge limits. The collection system has several lift stations that are structurally and mechanically unable to safely convey the wastewater to the WWTP and will be replaced. Sanitary sewer collection system piping, manhole, and clean outs will be rehabilitated or replaced to address inflow/infiltration. System wide Supervisory Control and Data Acquisition (SCADA) will be added to allow more efficient control and treatment. | CWT | C | $5,839,000.00 | 70% | Yes-BC | $5,839,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 2 | 114 | 12364 | Kerr County | TX0116742 | 2,313 | The lots in the area are of insufficient size for septic systems and thus do not comply with 30 TAC Chapter 285. The existing systems often malfunction and the households in the area generally have insufficient funds to properly maintain the septic systems. The failing septic systems create a health hazard for the community and pollute the nearby Guadalupe River. The proposed project completes the construction of a new wastewater collection system for the Center Point community and portions of eastern Kerr County. Currently, this unincorporated area relies on septic systems which have a history of violations and are on lots that are too small for effective operation. Further, the households of this area generally have insufficient income to directly fund the necessary improvements. The current plan calls for over 177,000 LF of collection and transfer mains, 12 lift stations, and improvements to the existing Comfort WWTP. This system will collect wastewater from the Center Point area and a corridor along State Highway 27 through eastern Kerr County. This wastewater will be transferred to the existing Kendall County WCID #1 system that currently serves the Comfort area. This application seeks funding for bidding and construction of Phase II of the project. An asset management plan is being considered during the current design phase. | CWT | C | $23,486,540.00 | 70% | | | |
| 3 | 110 | 12244 | Arlington | | 370,762 | The City of Arlington needs to replace approximately 4,050 linear feet of 24-inch diameter ductile iron pipe and an approximately 2,600 linear feet of 8 to 12-inch piping due to deteriorated conditions that have lead to line collapses and other issues. Five line segments that are deteriorated are aerial creek crossings. The City of Arlington's project includes the replacement or rehabilitation of approximately 4,050 linear feet of existing 24" ductile iron and approximately 2,516 linear feet of 8"-15" aerial crossings of local creeks in five locations throughout the city. A condition assessment has revealed that the cause of recent line collapses and SSOs is due to the deteriorated condition of the interceptor. | CWT | C | $5,375,200.00 | | Yes-BC | $5,375,200.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 4 | 100 | 12362 | Houston | TX0096172 | 2,233,310 | The City needs to rehabilitate/replace existing wastewater collection systems citywide that contribute to significant inflow and infiltration. The City's proposed project is the rehabilitation/replacement of the existing wastewater collection systems citywide by slip-lining and pipe-bursting methods, cured-in-place method, or sanitary sewer cleaning and televised inspection in support of rehabilitation. The project will reduce sanitary sewer overflows in the collection system and optimize performance. This project also includes the purchase of six vacuum trucks in support of rehabilitation. The project is construction ready. | CWT | C | $61,710,000.00 | | | | |
| 5 | 91 | 12403 | Vinton | | 2,519 | The Village of Vinton's residents currently operate on-site sewage facilities which overflow and are failing. The Village needs to construct a first time sanitary sewer collection system to transport the sewage to the City of El Paso's Northwest Wastewater Treatment Plant for treatment. The Village of Vinton proposes to construct a first time collection system and lift stations to transport sewage to the City of El Paso's Northwest Wastewater Treatment Plant. Installation of the collection system will allow Village residents to discontinue use of on-site sewage facilities, many of which are failing and in disrepair. | CWT | C | $22,805,000.00 | 70% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 6 | 90 | 12263 | Pearland | TX0032743 | 108,821 | The City of Pearland (City) needs to expand their John Hargrove Water Reclamation Facility's capacity from 4 million gallons per day (mgd) to 9 mgd to address recent growth in the area and are planning on replacing three aging wastewater treatment facilities. Flows from those three facilities will be transported to the expanded plant. The City's project consists of expanding the John Hargrove Water Reclamation Facility's treatment capacity from 4 MGD average daily flow to 9 MGD. The expansion will include new influent pumps and force mains; a new headworks structure that houses two fine screens and a new grit removal system with bypass channels and flow splitting weirs; rehabilitation of the four existing SBRs and construction of four new SBRs, new SBR blowers; four new tertiary filters; two new UV contact channels and UV system; two new aerated sludge holding tanks; and a new sludge dewatering building that will house two belt filter presses, polymer system, and conveyors. The project includes diverting flow from three service areas and routing the flows to the John Hargrove WRF after the expansion. Flows will be diverted from the Longwood WWTF, Southdown WWWTP, and Brazoria County Municipal Utility District No. 3 WWTF service areas. Ultimately, these three WWTFs will be removed from service. | CWT | DC | $75,000,000.00 | | | | |
| 7 | 90 | 12381 | San Antonio Water System | TX0077801 | 1,552,024 | The San Antonio Water System needs to address deteriorated sewer mains that have experienced numerous sanitary sewer overflows and must be replaced. The proposed project is part of the EPA Consent Decree, and must be completed by July 2023. SAWS is requesting funds to continue replacement of approximately four miles of sanitary sewer pipeline to address severe capacity issues that result in overflows. The pipeline proposed for replacement is located in the Eastern Basin along Salado Creek. SAWS anticipates three phases of replacement with construction beginning in 2018.<br>One phase, E-20 Bypass Bore, involves installation of a tunnel under Wetmore Road and Union Pacific Railroad tracks to route temporary above ground sewer bypass piping currently providing relief to the existing E-20 sewer pipeline until such time as the proposed E-20 Wurzbach Parkway Project is completed. | CWT | C | $19,336,890.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 8 | 90 | 12382 | San Antonio Water System | TX0077801 | 1,552,024 | The San Antonio Water System needs to address deteriorated sewer mains that have experienced numerous sanitary sewer overflows and must be replaced. The proposed project is part of the EPA Consent Decree, and must be completed by July 2023. SAWS is requesting funds to continue addressing their deteriorated sanitary sewer collection system by replacing approximately three miles of large diameter piping located in the Eastern Sewershed, running along Salado Creek. The proposed project is the second phase of the proposed replacement within the area. | CWT | C | $33,740,400.00 | | | | |
| 9 | 87 | 12241 | Alamo | TX0057622 | 18,946 | The City's existing treatment system consists of aerated lagoons, which do not work efficiently in all weather conditions causing the City issues with meeting their Texas Pollutant Discharge Elimination (TPDES) permit limits. In some weather conditions, the plant produces very strong, foul odors and nuisance conditions for the surrounding residents. The Texas Commission on Environmental Quality (TCEQ) has conducted inspections of the existing facilities and submitted an enforcement order that resulted in a fine. The City's proposed project consists of the construction phase for a new 2.5 MGD mechanical sewer plant to replace the outdated lagoon treatment system. The proposed project will consist of preliminary treatment involving the conversion of two lagoons into flow equalization storage basins. Secondary treatment includes new structure and equipment, including aeration, BNR support, piping valves and gates, and the closure of the remaining lagoons. The proposed project will include a solids dewatering system, a new disinfection system, new electrical, controls, and Supervisory Control and Data Acquisition (SCADA), new MCC building with HVAC, lab equipment, etc. The project will include a new backup electrical generator. | CWT | C | $11,250,000.00 | 30% | Yes-BC | $562,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 10 | 85 | 12375 | Panorama Village | TX0020206 | 2,170 | The City of Panorama Village's (City) existing wastewater treatment plant (WWTP) has reached the end of its useful life and needs to be replaced. The City's proposed project is for the planning, design, and construction of a new wastewater treatment plant ("WWTP") to replace the existing WWTP for the City . The City's existing WWTP is a steel and concrete, 400,000 gallon per day ("gpd") facility, installed in 1970 and expanded in 1982, and needs replaced.<br>The proposed WWTP will be a 400,000 gpd facility designed to meet the ultimate wastewater demand of the City in accordance with current TCEQ Chapter 217 design standards and Texas Pollutant Discharge Elimination System effluent limits. The proposed WWTP project will completely demolish and replace the existing 400,000 gpd facility within the existing WWTP site boundary. Therefore, the project should qualify for a categorical exclusion.<br><br>Design for the proposed WWTP has not yet begun, but the design process units may consist of:<br>1. Lift station<br>2. Headworks with flow splitter and bar screen<br>3. Two (2) aeration basins<br>4. Two (2) final clarifiers<br>5. Two (2) chlorine contact basins | CWT | PDC | $6,400,000.00 | | | | |
| 11 | 83 | 12339 | Comanche | | 4,320 | Inflow and infiltration has 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 phases would include planning, design and construction of the project. | CWT | PDC | $425,000.00 | 30% | Yes-BC | $425,000.00 | |
| 12 | 80 | 12377 | Rhome | TX0118621 | 1,598 | Improvements are needed to bring the plant into compliance so that there are no health hazards to the public. The City owns and operates two wastewater treatment plants (east plant and west plant). The west plant is the oldest and is need of repair. The City has an enforcement action with the TCEQ/EPA for non-compliance violations at the west plant. The plans to make improvements to the collection system to address inflow and infiltration. | CWT | PDC | $1,450,000.00 | | Yes-BC | $1,450,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 13 | 80 | 12333 | Brady | TX0034312 | 5,509 | The City of Brady needs to replace their over 40-year old existing wastewater treatment plant to maintain reliable sewage treatment for the city's residents. Many of the plants components have reached the end of their useful life. The WWTP is currently under two Agreed Orders from the TCEQ, the second due to violations of the WWTP's ammonia-nitrogen limit. The City proposes to fully replace the WWTP with one of two types of plants: an extended aeration wastewater treatment facility or a sequencing batch reactor (SBR) facility. Additionally, there is pressing need for improvements to several trunk lines that feed the WWTP and these have been included in the scope of this project. The existing plant site is in the 100-year floodplain for Brady Creek and a portion of this project will include raising the new plant site out of the floodplain. | CWT | C | $9,000,000.00 | 30% | | | |
| 14 | 79 | 12246 | Dripping Springs | | 1,866 | The City of Dripping Springs is pursuing a new Texas Pollutant Discharge Elimination System (TPDES) Permit for the expansion of its South Regional Wastewater System. A draft permit for expansion is pending at the TCEQ. The purpose of the new permit is to increase capacity of the City's South Regional Wastewater System and change its method of effluent disposal to accommodate growth in the Dripping Springs area. Its existing permitted capacity s a total of 348,500 GPD with 162,500 GPD being subsurface land application and 348,500 GPD being surface land application. The City proposed to construct a new WWTP and increase the capacity of its exiting WWTP, abandon the subsurface drip irrigation requirement from their existing permit, convert the subsurface drip irrigation areas to surface irrigation areas for 30 TAC, Chapter 210 reuse, and convert the surface irrigation areas to 30 TAC, Chapter 210 reuse, and discharge treated effluent to Walnut Springs, a tributary to Onion Creek on an as needed basis. It is the intention of the City to use as much treated effluent for reuse such that discharges to Onion Creek would be very infrequent. The City has several existing and pending contracts with customers for reuse. | CWT,GPR | PADC | $40,790,442.00 | | Yes-BC | $17,555,130.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 15 | 76 | 12390 | Stephenville | TX0024228 | 21,640 | The City of Stephenville needs to expand their sanitary sewer collection system to increase capacity to accommodate recent growth in the area, provide first time sanitary sewer service, and replace/rehabilitate deteriorating collection system components that are the source of significant inflow/inflow. The proposed Eastside Sewer Collector will provide a larger capacity sanitary sewer main and laterals to areas in the City of Stephenville. The Phase I project will eliminate a critical capacity burden within the existing sanitary sewer collection system and reduce inflow/infiltration. Two fifteen-inch lateral mains will be tied onto the Eastside Sewer trunk main, relieving a section of old, undersized, clay collection system piping and addressing I/I. The Phase I project will also provide sanitary sewer collection to a new area of recently constructed student and multi-family housing constructed to accommodate Tarleton State students. | CWT,GPR | ADC | $17,031,000.00 | | Yes-BC | $1,050,000.00 | |
| 16 | 75 | 12392 | Sunbelt FWSD | TX0021253 | 8,563 | Sunbelt Fresh Water Supply District has completed the planning and design for replacement of their existing Oakwilde Wastewater Treatment Facility under TWDB project 21691. The District needs additional funds to complete the construction of the replacement.<br><br>The District is proposing to construct a new, reinforced concrete facility designed for 700,000 gallons per day. The new facility will incorporate multiple trains within each unit process so that the overall treatment system can be maintained in operation when a single train is taken out of service for either maintenance or repair. The Oakwilde Wastewater Treatment Facility will consist of influent screening, biological organic reduction in the aeration basins, liquid/solids separation using clarifiers with mechanical collectors, disinfection using molecular chlorine as an oxidizing agent. Excess process solids will be stabilized in aerobic digesters. All of the individual unit processes will be housed in reinforced concrete structures with multiple process trains for operational flexibility. | CWT | C | $7,565,000.00 | 30% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 17 | 71 | 12331 | Alto | TX0025020 | 1,323 | The City needs to rehabilitate/replace components of their existing wastewater treatment facility and collection system to enable the City to meet their discharge permit parameters. The City proposes to rehabilitate their primary Aeration Basin, rehabilitate the influent Lift Station by enlarging wet well and installing new influent lift station pumps (3 each), modify yard piping to allow influent wastewater to discharge into multiple segments of the rehabilitated primary aeration basin, install a new secondary clarifier, and rehabilitate/replace sections of the collection system. | CWT | PDC | $2,000,000.00 | 70% | | | |
| 18 | 71 | 12345 | Dublin | TX0054348 | 4,207 | The City needs to replace the deteriorated clay tile sanitary sewer collection system citywide to address infiltration/inflow and a Texas Commission on Environmental Quality (TCEQ) enforcement order.<br><br>The City is proposing to replace existing, deteriorated clay tile sewer lines to mitigate inflow & infiltration and to extend first time sanitary sewer service into new areas. | CWT | PDC | $3,500,000.00 | | | | |
| 19 | 71 | 12251 | Harris Co MUD # 208 | TX0075884 | 20,765 | The District needs to upgrade/rehabilitate their wastewater treatment plant to implement reuse for irrigation within the area. The Copperfield WWTP is a regional plant that serves Harris County MUD Nos. 162, 163, 179, 186,188 and 208. The plant is managed collectively by the six districts through the Copperfield Joint Operations Board (CJOB). All six MUDs will benefit from the implementation of the project. The Project consists of tertiary treatment and storage at the WWTP site and a distribution system to supply Type 1 treated effluent for irrigation and non-potable industrial purposes. Project planning is complete with funding being sought for design and construction phases. As part of this project, the asset management plan will be updated to reflect the new infrastructure. Water conservation and drought contingency plans will also be updated. | CWT,GPR | DC | $10,120,000.00 | | Yes-BC | $10,120,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 20 | 70 | 12253 | Hurst | | 37,337 | The City of Hurst needs to replace wastewater pipelines to address serious inflow and infiltration (I/I) issues with clay tile pipes that have reached the end of their useful life. The City is proposing to replace approximately 2,500 linear feet of existing wastewater pipeline using a combination of trenchless and open cut installation methods. The City estimates a reduction of over 17,000 gallons of I/I per day into the section proposed for replacement. Any reduction in I/I will be beneficial both to Fort Worth the City as the City pays Fort Worth to treat their sewage at their Village Creek wastewater treatment plant. | CWT | C | $1,351,662.00 | | Yes-BC | $1,351,662.00 | |
| 21 | 69 | 12340 | Combes | | 3,019 | Harlingen Water Works System provides sanitary sewer service to the Town of Combes. During severe storm events, the Town of Combes has been instructed not to pump sanitary sewer until told they may resume. This has caused sewer leakage into yards with the potential of backing up into homes, creating a public health threat. The Town of Combes seeks funding assistance to plan, design, and construct a new 0.75 MGD wastewater treatment plant, rehabilitate eight lift stations with new pumps, SCADA and backup generators, purchase a portable solids handling pump unit, and extend 4,100 linear feet of gravity sanitary sewer to service locations in need of sanitary sewer service. The new wastewater treatment plant will be designed with a 5MG Effluent Storage and Re-Use Facility that will allow capacity to detain raw sewer during severe weather and treat it afterwards. The new plant will incorporate use of energy efficient motors, and will be equipped with remote automation and control. The lift stations will be retrofitted with new pumps with energy efficient motors, and SCADA. The proposed improvements will allow the Town the capability to treat their own wastewater, upgrade to a dependable wastewater collection system, and develop an asset management plan with training for staff and elected officials. | CWT | PADC | $15,064,839.10 | 70% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 22 | 65 | 12258 | Llano | TX0135968 | 3,313 | The proposed project includes obtaining construction funding for the construction of an alum chemical feed system and tertiary filtration system for the City of Llano's existing 0.60 MGD wastewater treatment plant. The existing WWTP has an irrigation permit with three irrigation storage ponds that do not meet<br>TCEQ pond lining requirements. Due to this TCEQ violation and the prohibitive costs of re-lining the storage ponds, the City of Llano has applied for a TPDES discharge permit with the TCEQ to change their plant permit from an irrigation permit to a discharge permit.<br>The proposed effluent limits from the TCEQ for this discharge permit are more stringent than the existing irrigation permit effluent limits. Consequently, the alum feed system and tertiary filters will need to be added in order to meet these proposed TCEQ limits (10 mg/L BOD, 15 mg/L TSS, 3 mg/L NH3-N, and 2.5<br>lbs/day total P).<br>The City's existing three irrigation storage ponds do not meet the pond lining requirements | CWT | C | $720,000.00 | 50% | Yes-BC | $720,000.00 | 12257 |

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| **POTW** | | | | | | | | | | | | | |
| 23 | 65 | 12328 | Acton MUD | TX0105163 | 8,655 | The Acton Municipal Utility District (District) needs to expand and upgrade their existing treatment plant to maintain compliance with current discharge permit limits and to allow new connections within the WWTP #1 service area. The District's proposed project is an expansion of the existing wastewater treatment plant (WWTP) and collection system to provide sewer service to approximately 300 residences in neighborhoods on, or near, Lake Granbury. The proposed WWTP expansion is anticipated to include construction of a sequencing batch reactor (SBR) system, repurposing the existing oxidation ditch as a flow equalization basin, rehabilitation of the existing influent screen structure and odor control system, expansion of the existing chlorine contact basin, solids handling improvements, an operations building, and the associated yard piping, electrical, controls, and site work.<br>The proposed improvements will also assist AMUD in continuing to have the capability to utilize its entire treated effluent plant flow to meet non-potable reclaimed water needs in the immediate area. The proposed project will also include the development of an asset management plan for AMUD's wastewater system. | CWT | C | $8,065,000.00 | | Yes-BC | $8,065,000.00 | |
| 24 | 61 | 12265 | San Benito | TX0125971, TX0135470 | 24,506 | The City needs to replace/rehabilitate portions of their collection system to address sanitary sewer overflows. The City is under an Sanitary Sewer Overflow agreement and has a schedule to complete improvements. 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 | $7,042,450.00 | 50% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 25 | 60 | 12264 | Pineland | TX0027154 | 850 | The City needs to rehabilitate/upgrade and expand the current 23-year old wastewater treatment plant which is nearing the end of its useful life. The City also needs to expand treatment capacity due to recent growth and industrial flows. The City is proposing to replace/upgrade their existing treatment plant and add additional treatment capacity. The City also treats industrial wastewater from a nearby industrial facility and improvements are required to continue treatment of municipal and industrial wastewater. | CWT | PDC | $1,750,000.00 | 70% | | | |
| 26 | 60 | 12250 | Gatesville | TX0111791 | 15,751 | The City of Gatesville's Stillhouse Branch wastewater treatment plant has reached 90% of its permitted capacity and must be expanded to meet current Texas Commission on Environmental Quality (TCEQ) design criteria. The City is proposing to add improvements to their Stillhouse Branch WWTP to expand treatment capacity to meet TCEQ design criteria and upgrade processes. | CWT | DC | $10,000,000.00 | | | | |
| 27 | 59 | 12379 | Roma | | 18,903 | Completion of the proposed improvements is needed to maintain compliance with the City's current discharge permit limits. The City's WWTP was constructed in the early 2000s and is need of specific repairs at the WWTP facility, as well as repairs to one of its major lift stations in the City's collection system. Needed rehabilitation at the City's WWTP include 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. | | PDC | $2,432,000.00 | 50% | Yes-BC | $2,432,000.00 | |
| 28 | 55 | 12255 | Joaquin | | 824 | The City has a wastewater treatment plant (WWTP) that is 25 years old and has exceeded its useful life. Flows at the current WWTP exceed 75% of the permitted average daily flow. The WWTP is under a May 25, 2014 enforcement order for improper operation and reporting, not meeting treatment parameters, and poor condition of some WWTP components. The proposed project plans to demolish the existing WWTP package treatment units and replace with new WWTP treatment units. | CWT | PDC | $3,915,000.00 | 50% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 29 | 55 | 12252 | Haskell | TX0026891 | 3,300 | The City of Haskell (City) currently treats its wastewater in an older extended aeration wastewater treatment plant (WWTP) that has trouble meeting effluent discharge limits. The City also has several areas of collection system piping that has reached the end of its life and needs to be replaced to address inflow/infiltration and deterioration. The City is proposing to replace the old WWTP with a new lagoon and pond system followed by irrigation for a no discharge system. Additionally, the City is seeking to replace approximately 4 blocks of dilapidated section of wastewater line along Avenue H from North 8th street to North 4th street. The City is seeking planning, acquisition, design, and construction funding. | CWT | PADC | $6,300,000.00 | 30% | | | |
| 30 | 55 | 12327 | Acton MUD | TX0105155 | 8,655 | The neighborhoods to be served in this project have been identified as "hot spots" on Lake Granbury where high coliform readings are regularly recorded. This project will allow old septic systems to be abandoned and allow residents to utilize the sewer collection system. Acton MUD is proposing to expand their sewer collection system to include several neighborhoods near Lake Granbury which are currently served by old, dilapidated, leaking septic tanks. Three of these neighborhoods are at lake level and will require grinder pumps and small diameter low pressure sewer to properly service each residence. Conventional gravity sewer will service the remainder the proposed area. Two lift stations are planned and will pump wastewater via a proposed 6-inch force main to the Rhea Road sewer main. These neighborhoods have also been identified as "hot spots" on Lake Granbury where high coliform readings are regularly recorded. This project will allow old septic systems to be abandoned and allow residents to utilize the sewer collection system. The design of these improvements will also include the development of a collection system asset management plan. | CWT | PDC | $12,060,000.00 | | Yes-BC | $12,060,000.00 | |

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# Intended Use Plan
# Appendix J. Project Priority List - By Rank

| Rank | Points | PIF # | Entity | NPDES # | Population | Project Description | EPA Cat. | Requested Phase(s) | Total Project Cost | Disadv % | Green Type | GPR | Related PIF #'s |
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| **POTW** | | | | | | | | | | | | | |
| 31 | 54 | 12363 | Iola | TX0092363 | 486 | The Town of Iola (Town) does not have a municipal sanitary sewer system. The existing individual on-site sanitary sewage facilities (OSSFs) are not adequate to meet the State of Texas and Grimes County Health Department regulations. A majority of these OSSFs are not functioning properly due to age, soil conditions, or available treatment area and are experiencing back-ups, leakage, or direct discharge of untreated wastewater. This wastewater is frequently visible in a large number of the yards and ditches, posing health, safety, and environmental concerns. A nuisance investigation in the Town of Iola, Grimes County, Texas, was conducted by the Department of State Health Services (DSHS) at the request of the Texas Water Development Board (TWDB) on February 9, 2011. A nuisance determination was granted by the DSHS on February 21, 2011. An asset management plan will be prepared as part of the proposed project. The Town is proposing to install a new collection system, utilizing gravity flow and lift stations to transport the sewage to the proposed wastewater treatment plant. The collection system will consist of approximately 50,000 linear feet of 6-inch and 8-inch gravity lines as well as 9,000 linear feet of 2-inch and 4-inch force main. Approximately one hundred seventy-five (175) manholes will be installed in appropriate locations along the gravity collection lines.<br>The Town is also proposing to complete an asset management plan through this funding. | CWT,NPS | PADC | $9,495,000.00 | 70% | | | |
| 32 | 53 | 12395 | Valley Mills | TX0075647 | 1,449 | The City of Valley Mills needs to upgrade/rehabilitate several components of their existing wastewater treatment plant (WWTP) that are no longer capable of meeting Texas Commission on Environmental Quality (TCEQ) treatment requirements. The City's existing lift stations have reached the end of their useful life and are in need of repairs, upgrades, etc. to address collection system issues.<br><br>The City proposes to make improvements at the City's WWTP, including an upgrade to preliminary treatment units, aeration, secondary treatment units, solids handling, and disinfection. The project will replace the existing inefficient lift stations pumps with new submersible pumps, electrical, and control systems. | CWT | PDC | $3,015,000.00 | | Yes-BC | $3,015,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 33 | 51 | 12341 | Corrigan | TX0133787 | 1,629 | The City of Corrigan (City) needs to rehabilitate/replace their existing deteriorated oxidation ditch and treatment units at their wastewater treatment facility. The facility is nearing capacity and the City will plan and design for an expansion. New Oxidation Ditch, Clarifier, and Chlorine Contact Basin, convert existing Oxidation Ditch to Flow Equalization, convert existing Chlorine Contact Basin to Post Aeration, & Related Work. Also included will be raising lift station wet well in a low area that floods frequently, adding manholes where distance between manholes currently exceed 500 ft, and preparation of Asset Management Plan. | CWT | PADC | $3,831,100.00 | 50% | | | |
| 34 | 50 | 12243 | Angus | TX0073032 | 411 | The City of Angus (City) needs to replace and rehabilitate several components of their existing sanitary sewer collection system to address inflow/infiltration. The City has entered into a Supplemental Environmental Project (SEP) agreement with Texas Commission on Environmental Quality (TCEQ) to address issues within their collection system. The City proposes to remove and replace approximately 11 manhole lids; remove and replace manholes; seal pipe joints at manholes; repair pipe connections; replace cleanouts, and other improvements within the collection system to address I/I. | CWT | DC | $50,760.00 | 30% | | | |
| 35 | 50 | 12402 | Woodloch | TX0075680 | 836 | The Town of Woodloch (Town) existing sanitary sewer lines, manholes and waste water treatment plant (WWTP) have deteriorated and need to be replaced. The collection system lines and manholes need to be replaced to reduce infiltration and lower the unnecessary demand on the WWTP. The Town's approximate 30-year old metal package type WWTP has deteriorated beyond feasible maintenance and reliability and needs to be replaced. The system is currently experience higher than average breakdowns and overflows. The Town proposes to replace its failing WWTP by constructing a new slightly larger size plant adjacent to the existing plant and to replace approximately 15 manholes and over 5,000 feet of collection system to address inflow/infiltration. All proposed improvements will be designed to meet current Texas Commission on Environmental Quality chapter 217 design criteria. | CWT | PDC | $2,730,000.00 | 70% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 36 | 50 | 12355 | Gladewater | TX0022438 | 6,461 | The City has exceeded permitted levels in their WWTP discharge permit. The City needs to repair and/or replacement failing treatment units and sludge management units at the City's existing Wastewater Treatment Plant (WWTP). The upgrades will replace components that have reached the end of their useful life and return the WWTP to working order to allow compliance with regulatory criteria. The City proposes to install new pumps, new aeration equipment, new clarifier equipment, a new sludge thickening system, a belt filter press system, abandon existing drying beds, install a new chlorination system, new piping, valves, electrical, and Supervisory Control and Data Acquisition (SCADA) system to return the plant to regulatory compliance. | CWT | PDC | $2,852,100.00 | 30% | | | |
| 37 | 50 | 12266 | San Juan | TX0057592 | 35,598 | The City of San Juan is seeking construction phase funding to complete the replacement of 6 lift stations, force mains, piping, controls, and electrical. The lift stations do not have the capacity to pump the sewage, creating spills and overflows.<br>The City has completed planning and design under TWDB project 73637. The City is seeking construction phase funding to rehabilitate/replace/enlarge 6 lift stations and the construction of associated force mains to address capacity issues within the current wastewater collection system. Construction phase of the TWDB project 73637. | CWT | C | $8,555,000.00 | 30% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 38 | 49 | 12401 | Wolfe City | TX0023558, TX0124192 | 1,536 | The City of Wolfe City (City) is under an enforcement action with the Texas Commission on Environmental Quality (TCEQ) for permit parameter violations at their wastewater treatment facility. The City's collection infrastructure has reached the end of its useful life and needs rehabilitation to reduce inflow/infiltration (I/I). Reduction of I/I will help the City stay within their discharge limits. The project consists of planning, design and construction phases for improvement to the City's entire collection system and wastewater treatment plant. The improvements would include replacing sewer lines, replacing three lift stations, and making improvements to the wastewater treatment plant. The improvements to the plant would include installing aerators, renovating the three sludge drying beds, repairing the outlet structure and building improvements. The City is under an enforcement action with the TCEQ for the WWTP. The proposed improvements will continue the City's efforts to address the enforcement action issues at the WWTP. The City also plans to prepare an asset management plan as part of the proposed project. | CWT | PDC | $5,000,000.00 | 70% | Yes-BC | $5,000,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 39 | 46 | 12334 | Brookshire MWD | TX0025046 | 4,879 | The Brookshire Municipal Water District (District) needs to replace failing, deteriorated clay sanitary sewer pipe and associated manholes that have reached the end of their useful life. The District has been experiencing increased flow within the collection and treatment systems, causing overflows and increases in influent flows at the treatment plant. The District has noted a drastic increase in flows during and following rain events. The District has completed an video inspection of the lines during February 2017that shows the pipe is falling apart. Pipe cleaning activities are necessary to remove sand and gravel from the failing pipe to maintain service to the customers. The District's proposed project will replace approximately 2,200 fee of failing clay sanitary sewer pipe, at least 7 manholes, and re-connect approximately 40 customers to the replaced line to address inflow/infiltration into the system.<br><br>An inspection video performed by Source Point Solutions, LLC during February 2017 shows that the pipe is falling apart. Pipe cleaning activities are necessary to remove sand and gravel from the failing pipe to maintain service to the customers.<br><br>There are no Notice of Violations associated with this failing pipe at this time. It is necessary for the Brookshire Municipal Water District to address this failing pipe immediately to decrease the likelihood of wastewater discharge to surface waters, decrease operating costs and improve service to their customers.<br><br>As part of the clay pipe replacement project, the Brookshire MWD is planning to prepare an asset management plan as part of the proposed project. | CWT | DC | $490,000.00 | 30% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 40 | 42 | 12343 | Del Rio | TX0047198 | 37,887 | The City of Del Rio needs to rehabilitate/upgrade/replace their deteriorated sanitary sewer collection system. The City has blocked and collapsed conveyance lines and overflowing lift stations cause sanitary sewer overflows, creating environmental and public health hazards that need to be addressed to comply with an on-going sanitary sewer overflow plan (SSO). The proposed project will include replacing collection pipes identified as having a history of failure or likely to fail in the near future, providing service to areas currently without centralized sewer service, and the elimination of lift stations that have a history of overflow problems. The City proposes correct these issues through improvements to the network. The proposed project components are necessary for compliance with the San Felipe WWTP and Silver Lake WWTP SSO Plans. | CWT | PADC | $80,675,202.00 | | | | |
| 41 | 41 | 12394 | Upper Leon River MWD | TX0128813 | 255 | Upper Leon Municipal Water District (District) can no longer land apply the sludge from their wastewater treatment plant (WWTP) and needs to construct additional clarification, solids handling, and dewatering facilities to meet permitted sludge disposal limits. The District proposes to construct a second clarifier (currently operating on a single clarifier), a new onsite sludge holding tank and a new gravity dewatering system, and develop an industrial pretreatment program to encourage reductions in heavy metal waste entering the WWTP influent. The proposed project will also include the development of an asset management plan for the District's wastewater system. | CWT | PDC | $2,347,000.00 | 70% | Yes-BC | $782,300.00 | |
| 42 | 41 | 12259 | Lower Valley WD | | 395 | NA This first-time wastewater project will benefit approximately 116 households in the City of Socorro. The project consists of approximately 116, 4-inch sanitary sewer services/household services reconnections, decommissioning of approximately 116 septic systems in the project area. This will complete a system previously funded by the CWSRF in 2007. | | C | $4,017,703.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 43 | 41 | 12378 | Rogers | TX0027103 | 974 | The City of Rogers is currently under an agreed order to comply with permit and TCEQ rule requirements. The agreed order requires cleaning of the Imhoff tank. Replacement of defective wastewater lines, rehabilitation of manholes and improvements to lift stations will improve system reliability and reduce inflow and infiltration. Old clay lines are cracked and failing and will be replaced with new PVC lines. Dilapidated manholes will be rehabilitated or replaced entirely. Lift stations controls will be improved and wet wells lined as needed. Failing lift station equipment will be replaced.<br><br>The wastewater plant ponds and Imhoff tank need to be cleaned of sludge to aid in compliance. Plant pipes and valves will be replaced. Potential structural issues with ponds will be investigated and corrected as needed. | CWT | PADC | $1,137,000.00 | | | | |
| 44 | 41 | 12353 | Fort Stockton | | 8,650 | The City of Fort Stockton needs to upgrade and expand the City's main wastewater treatment plant (WWTP) by adding a parallel treatment train to the plant and upgrading many components of the plant to ensure treatment capability. The City also needs to add effluent storage at their Lynaugh WWTP. The City is requesting funds for the planning, design, and construction of a new, more efficient parallel system for the City's WWTP. Upgrades to the existing system will also be done to increase its efficiency. Major components of the project will consist of upgrading the existing bar screen, aerators, and one clarifier, and adding two new clarifiers, an oxidation ditch, sludge drying beds, an effluent storage pond, and associated lines, pumps, and equipment. To eliminate a large load from the community’s electrical grid, the City would like to install a new natural gas powered electrical generation system to service the City's WWTF. The City also intends to install a new effluent storage pond at the City-owned Lynaugh Wastewater Treatment Plant. An asset management plan will also be prepared as part of this project. | CWT | PDC | $18,000,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 45 | 41 | 12271 | Vernon | TX0023001 | 11,041 | The City's existing wastewater treatment plant (WWTP) is aged and almost every plant unit is in need of rehabilitation or replacement. The City received a Notice of Violation showing that their plant has had instances in the past few years of failing to meet permit limits.<br><br>The City's proposed project includes improvements to the City's WWTP including rehabilitation of both the primary and secondary clarifier, add a second primary clarifier, replace headworks units including, grit removal and bar screen, rehabilitate the main lift station, rehabilitate the existing sand filers, replace the belt press and rehabilitate and add control and automation processes throughout the plant. | CWT | PDC | $6,700,000.00 | 50% | | | |
| 46 | 40 | 12256 | Kennard | TX0056596 | 339 | The City of Kennard needs to upgrade their existing wastewater treatment plant (WWTP) to continue effective treatment and reliability. The City's proposed project will rehabilitate their existing WWTP, including removal of sludge from existing ponds to restore original treatment capacity. | CWT | PDC | $675,000.00 | 30% | | | |
| 47 | 40 | 12360 | Gustine | | 496 | The lift stations are out-of-date and need to be replaced to more efficient systems. 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 | $280,000.00 | 30% | | | |
| 48 | 38 | 12351 | Evant | TX0055522 | 465 | The City of Evant (City) needs to upgrade/rehabilitate their existing wastewater treatment (WWTP) facility to consistently provide adequate treatment. The City's collection system needs rehabilitate/replaced the deteriorated pipe and to address inflow/infiltration. The City proposes to rehabilitate and upgrade their aged 30-year old WWTP to enable it to meet permit limits, as well as complete collection system improvements to reduce inflow and infiltration (I&I).<br>The proposed project will also include the development of an asset management plan for the City's wastewater system. | CWT | PDC | $1,796,000.00 | 70% | Yes-BC | $966,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 49 | 35 | 12356 | Graford | TX0104752 | 730 | The waste water 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 permitted effluent limits. The proposed project consists of making improvements to the collection system by replacing approximately 20 manholes throughout the City which are known to cause inflow and infiltration. The proposed project phases would include planning, design and construction. | CWT | PDC | $215,000.00 | | Yes-BC | $215,000.00 | |
| 50 | 33 | 12371 | 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. The City of Miles (City) owns and operates a WWTP that consists of an Imhoff Tank and lagoon system. The effluent from the WWTP is currently land applied at a nearby site via a TLAP permit. The WWTP is in need of upgrade and/or replacement and the City wants to evaluate improvements needed to the WWTP and its collection system. Completion of an asset management plan of the City's wastewater system will be included in this project. | CWT | P | $200,000.00 | | Yes-BC | $200,000.00 | |
| 51 | 32 | 12268 | Springtown | TX0032646 | 2,741 | The City of Springtown needs to replace deteriorated clay tile sanitary sewer pipe and associated manholes that have reached the end of their useful life. The infrastructure proposed to be replaced is between 60 and 70 years old and is contributing large amounts of inflow and infiltration to the system. The City is proposing to replace approximately 5,000 linear feet of sanitary sewer collection system, including manholes and connections, to address inflow/infiltration and deteriorated conditions. A secondary benefit will be relocating the infrastructure. | CWT | C | $925,000.00 | | Yes-BC | $420,450.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 52 | 31 | 12372 | Millsap | | 414 | The City of Millsap (City) is proposing to construct a new wastewater collection and treatment system to provide first-time collection and treatment to the residents of the City.<br>The City's proposed 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 new system would consists of a lagoon WWTP, approximately 60,000 linear feet of collection and force main sewer lines, lift stations, manholes, connections, etc. The City estimated 160 on-site sewage systems will be removed from use. | CWT | PAD | $464,000.00 | | Yes-BC | $3,120,000.00 | |
| 53 | 31 | 12358 | Greater Texoma UA | TX0027227 | 1,500 | The City of Gunter needs to plan, design, and construct a new wastewater treatment plant (WWTP) due to more stringent discharge parameters set by Texas Commission on Environmental Quality (TCEQ) to begin in October, 2021.<br><br>The City is proposing to construct a new wastewater treatment plant capable of meeting the more stringent discharge requirements, decommission their old plant, conduct a wastewater system study, and develop an asset management plan. | CWT | PADC | $16,789,395.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 54 | 31 | 12366 | Los Fresnos | TX0091243 | 6,280 | The city's existing municipal waste water 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) pipe lines and manholes to reduce I&I and substantially reduce the resulting problems.<br><br>The city also has unserved areas with most residents discharging their wastewater into septic tanks, pit privies, and some discharging their grey water from their washing machine and kitchen sink wastewater to the ground surface. This existing method could be cause for potential human health hazards since contaminants may leak into nearby water sources. The need is to provide first-time wastewater service to identified unserved areas, Los Cuates  The city also has unserved areas with most residents discharging their wastewater into septic tanks, pit privies, and some discharging their grey water from their washing machine and kitchen sink wastewater to the ground surface. This existing method could be cause for potential human health hazards since contaminants may leak into nearby water sources. The need is to provide first-time wastewater service to identified unserved areas, Los Cuates and Chula Vista, by installing a new wastewater collection system which ties in to the existing wastewater system.  The construction of a wastewater collection system will improve the quality of life throughout the unserved areas.  The total final cost for construction of proposed wastewater improvements is $6,269,073 and shall be funded by TWDB to include:<br><br>• Repair or replacement of all VCP lines and damaged PVC pipe sections<br>• Repair or replacement of manholes<br>• Installation of new gravity water collection  lines (PVC) and Force Mains (PV | CWT | C | $6,169,073.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 55 | 30 | 12380 | Royalwood MUD | TX0062952 | 1,982 | The District needs to upgrade/rehabilitate their 40-year old wastewater treatment plant to continue to provide effective treatment. The proposed project will rehabilitate/upgrade plant controls, electrical, aeration system, repairs and repainting of piping and headworks. The District also proposes to make repairs to the control building, upgrade security by installing new fencing and access road. The District will remove and dispose of sludge drying beds, associated piping, and sand/silt units. | CWT | PDC | $804,830.00 | | | | |
| 56 | 30 | 12396 | Victoria Co WCID # 1 | TX0122246 | 1,984 | TPDES Permit No. WQ0010513002 allows an average daily discharge of 0.3 MG from the Bloomington WWTP. The Operational requirements of this permit require that once flow reaches 75% of this permitted flow (0.225 MGD) for three consecutive months, then the permittee must initiate engineering and financial planning to expand the plant. During 2016, the discharge flow was measured at or above 75% of the permitted flow for 5 consecutive months, and 9 months total. The flows from these 9 months ranged from a low of 0.225 MGD to a high of 0.289 MGD. By eliminating days with recordable rain in the calculations, the results showed that the dry-weather discharge flow was estimated to equal or exceed the 75% mark for three consecutive months: 0.266 MGD in June, 0.225 MGD in July and 0.243 MGD in August. As such, TCEQ approval of an exception request seems unlikely, therefore the WCID is required to initiate engineering and financial planning to expand the WWTP per the Operational Requirements of t The Bloomington WWTP is an extended aeration type treatment facility with two trains, each with the capacity to treat .015 MGD, for a total permitted flow of 0.3 MGD. The plant has been in operation since August of 1999. The proposed project is to construct a new inlet structure/3-way splitter box and add a 3rd 0.15 MGD train to this existing facility, with additional sludge beds and other things as necessary, in order to increase the permitted flow to 0.45 MGD. The project will include engineering design and necessary permitting. | CWT | PDC | $2,000,000.00 | 50% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 57 | 30 | 12373 | Newton | TX0077828, TX0133205 | 2,227 | The current need is to replace deteriorating sanitary sewer infrastructure. The existing downtown sanitary sewer system has I/I issues that need to be repaired. The three (3) lift stations need to be rehabilitated to better serve their service area, and re-directly the lift station's flow directly to the WWTP will relieve other areas of the collection system where these lift stations currently discharge into. Finally, TV'ing existing sanitary sewer lines will allow the City to better scope future projects and see where other area of concerns are for rehabilitation. 1. City plans to rehabilitated the existing Newton downtown sanitary sewer lines (approximately 8,865 LF of new sewer lines and approximately 26 manhole replacement).<br>2. Rehabilitate the existing Highway 190 E. Lift Station<br>3. Rehabilitate the existing High School Lift Station<br>4. Rehabilitate the existing Suzy Lane Lift Station<br>5. Construct new sanitary sewer force main from the three (3) above lift stations directly to the existing WWTP (approximately 8,500 LF)<br>6. Perform TV inspection of existing sanitary sewer lines | CWT | PDC | $1,860,000.00 | 30% | | | |
| 58 | 30 | 12361 | Harris Co FWSD # 47 | TX0022462 | 2,434 | The District's wastewater treatment plant is over 40-years old and many components have reached the end of their useful life and need to be rehabilitate/replaced to maintain efficient and effective operations. The District proposes to rehabilitate/replace components of the WWTP including: lift stations; controls; electrical; pumps; rehabilitation of the wet well; installation of pretreatment system to minimize FOG (fats, oils and grease);rehabilitation of the sand filter (the unit is currently disconnected and not in use); and rehabilitation of the outfall box. | CWT | PDC | $986,500.00 | | Yes-BC | $146,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 59 | 29 | 12329 | Albany | TX0002011 | 2,034 | The City needs to replace/rehabilitate multiple components of its wastewater collection and treatment system to address sanitary sewer overflows and non-compliance issues with their discharge permit.<br><br>The City's collection system needs approximately 6,000-LF of gravity sewer line replaced/rehabilitated. Six of the City's wastewater lifts stations need to be rehabilitated/replaced. Several components of the wastewater treatment plant need to be replaced, including screening, grit removal, aeration equipment, clarifiers, chlorination building and equipment. The City proposes to install a system wide Supervisory Control and Data Acquisition System (SCADA) and an in plant reuse system. | CWT | PDC | $7,995,000.00 | | Yes-BC | $7,995,000.00 | |
| 60 | 27 | 12332 | Alton | | 15,759 | The City needs to construct a wastewater treatment facility for the City's use. Currently the City contracts with McAllen for treatment of their sewage. Construction of a wastewater treatment facility will allow the City to better serve their citizens and provide more control over the rates charged for treatment. The City proposes to construct a new Sequencing Batch Reactor (SBR) Wastewater Treatment Plant, including tertiary treatment to provide Type I water for reuse, Supervisory Control and Data Acquisition (SCADA), office, and laboratory spaces. The project will include re-alignment of the current main lift station forcemain to McAllen to the new plant. | CWT | PADC | $12,056,030.00 | 50% | Yes-BC | $1,557,500.00 | |
| 61 | 25 | 12352 | Fayetteville | TX0055077 | 258 | The City of Fayetteville (City) needs to replace clay sanitary sewer piping to address excessive inflow/infiltration and replace sludge handling facilities to comply with their permit. Both the clay pipe and sludge handling facilities have reached the end of their useful life. The City proposes to make improvements to their existing wastewater system including replacement of the existing sludge drying beds with a sludge dewatering unit and the replacement of six-inch diameter clay gravity flow sewer pipe. Replacement of the clay pipe will include new manholes and reconnections to the newly installed line. Both improvements will increase the efficiency and effectiveness of treatment at the wastewater treatment plant. | CWT | DC | $310,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 62 | 24 | 12338 | Coahoma | | 1,300 | The City of Coahoma (City) needs to replace deteriorated collection lines to address inflow/infiltration and breakage. The City's wastewater treatment plant efficiency and effectiveness is also hindered by the quantity of sludge in each of the treatment basins. The City's proposed project includes replacement of approximately 4,500 linear feet of the main collection line that transports the raw sewage to the City's wastewater treatment plant (WWTP). The collection line was originally constructed with the WWTP and is in constant need of repair. The operational efficiency of the WWTP is hindered by the quantity of sludge in each of the treatment basins. This project will include the removal and disposal of the sludge in each of the lagoons (basins). The project will also include the improvements to the head works and influent pump station at the WWTP. Effluent from the WWTP is currently land applied. The project will also include the installation of additional irrigation equipment to allow the City to utilize more land for the application of effluent. The project will also include the development of an asset management plan to identify future critical improvements. | CWT | PDC | $2,980,000.00 | | Yes-BC | $2,980,000.00 | |
| 63 | 24 | 12369 | Lyford | TX0084719 | 2,611 | The City of Lyford needs to expand their sanitary sewer collection system to three areas within the city that currently use on-site sanitary facilities (OSSF's) for treatment and upgrade/rehabilitate two existing lift stations that have reached their capacity. Emergency power generation capacity and supervisory data and control acquisition (SCADA) needs to be added to the existing and proposed new lift stations to maintain collection and treatment capacity. The City of Lyford needs to expand their sanitary sewer collection system to three areas within the city to allow approximately 34 OSSF's to be connected to the collection and treatment system. The City also proposes to rehabilitate/upgrade two existing lift stations to address capacity issues. The City will add emergency power generation and SCADA to the lift stations to provide dependability.<br>The City plans on developing an asset management plan. | CWT,NPS | PADC | $3,076,245.10 | 70% | Yes-BC | $73,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 64 | 23 | 12248 | Euless | TX0022802 | 53,220 | N/A The project will extend the existing City of Euless Reclaimed Water System, which currently serves a golf course and athletic fields (Phase 1 system) and apartment complexes and other developments along Bear Creek Parkway (Phase 2 system). The expansion will expand the Bear Creek Parkway Portion of the system to provide service to additional apartment complexes and developments (see attached mat). The most recent expansion of the system (phase 2) was funded under CWSRF Project #73701. | GPR | C | $3,935,334.00 | | Yes-BC | $3,935,334.00 | |
| 65 | 22 | 12354 | Garrett | | 845 | The City of Garrett does not currently have a wastewater treatment facility and contracts with the City of Ennis for treatment capacity. By constructing their own treatment facility, the City feels they will be able to provide centralized collection and treatment to additional near-by homes that use on-site sewage facilities for treatment. The City is proposing to construct a new wastewater treatment facility to serve their residents. The City is limited in its ability to treat additional residential and commercial because of limitations imposed by the City of Ennis under Ennis' current TCEQ permit. The City would be able provide treatment to additional homes and businesses that use OSSF's.<br><br>The City will prepare an Asset Management Plan as a part of this project. | CWT | PADC | $2,300,000.00 | 50% | | | |
| 66 | 22 | 12347 | Eden | TX0079804 | 2,766 | The City needs to provide service to the east side of the City for approximately 40 connections. The City also needs to up-grade the screens preceding two influent lift stations to prevent debris clogging from the system and provide more efficient operation of the pumps and wastewater treatment system. The City's wastewater treatment capabilities are sufficient to meet current needs, but the City needs to rehabilitate/upgrade several components of their wastewater treatment system to provide more efficient and effective treatment. The City also needs to provide first-time collection and treatment to approximately 40 connections on the eastern side of town. The collection system improvements will include new lift stations, force mains, approximately 3,200 feet of gravity sewer, abandoning approximately 40 on-site sewage systems, and service connections. The City needs to provide screening at their wastewater treatment plant and rehabilitate/replace lift stations at the plant. | CWT | PDC | $2,348,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 67 | 21 | 12393 | Troy | TX0058084 | 1,755 | The City of Troy (City) needs to expand their wastewater treatment plant capacity due to the recent growth along the Interstate 35 ( I 35) corridor between Georgetown and Waco. The City plans to construct an additional treatment train at their existing wastewater treatment plant. The additional treatment train will allow the City to perform needed maintenance while still treating the sewage. Additionally, recent growth in the area has resulted in the plant reaching near capacity for treatment. | CWT | PDC | $4,280,000.00 | | | | |
| 68 | 20 | 12342 | Covington | TX0084395 | 269 | The City of Covington (City) currently operates a lagoon type treatment system and has recently are having trouble meeting the E. Coli effluent permitted limits. The City currently operates a lagoon type treatment system and needs to rehabilitate portions of the system to meet effluent limits. The City needs to add chlorine disinfection to the treatment and doing so would require a permit revision. The lagoons to be restored to their capacity to maintain the detention time needed to provide proper treatment. | CWT | PDC | $760,000.00 | | | | |
| 69 | 20 | 12267 | Snook | TX0056189 | 474 | The City of Snook's (City) wastewater treatment plant is nearing capacity The City proposes to address capacity and treatment issues by improving treatment processes and expanding their wastewater treatment plant. | CWT | PDC | $2,360,100.00 | | | | |
| 70 | 20 | 12270 | Valley MUD # 2 | | 3,954 | Valley Municipal Utility District No. 2 needs to replace or rehabilitate their aged, deteriorated sanitary sewer collection system, including manholes. The clay tile system was installed in the 1970's and has reached the end of its life. Valley Municipal Utility District No. 2 (VMUD2) is proposing a much needed sanitary sewer collection system rehabilitation project to improve or replace portions of their aged and deteriorating collection system. The project includes the lining or replacing of approximately 19,800 linear feet of vitreous clay pipe and approximately 45 manholes. | | PDC | $3,592,160.00 | | | | |
| 71 | 20 | 12346 | Eagle Pass | TX0107492 | 52,624 | The City of Eagle Pass (City) needs to rehabilitate their existing wastewater treatment plant to improve the treatment processes and capability to effectively/efficiently meet their discharge permit parameters. The City is proposing to replace their existing aeration system and grit removal system, add a new digester and equalization basin, and add trash removal to lift stations to improve treatment and efficiency. | CWT | PDC | $22,079,616.00 | 30% | Yes-BC | $9,000,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 72 | 16 | 12383 | San Diego MUD # 1 | TX0023361 | 4,528 | San Diego Municipal Utility District #1 needs to address their deteriorated sanitary sewer collection system and lift stations to address inflow/infiltration issues.<br><br>The District's proposed improvements include lift stations, sanitary sewer collection lines, trunk lines, and manholes throughout the system. The District experiences significant infiltration and inflow due to deficient lines, which burdens the treatment plant during heavy rainfall.<br>The project also includes smoke testing and the development of an Asset Management Plan that will inventory and assess condition of the sanitary sewer system and provide a prioritization for the replacement of future improvements. | CWT | PD | $390,000.00 | 50% | Yes-BC | $2,000,000.00 | |
| 73 | 15 | 12335 | Buckholts | TX0073008 | 471 | The existing wastewater treatment plant is approximately 30 years old and is reaching the end of the plants life expectancy. Continual repairs have deemed the plant too expensive to maintain and operate. The existing wastewater infrastructure consists of old clay pipe and brick manholes that are deteriorating and providing storm water infiltration and inflow. The 0.10 MGD wastewater treatment plant will be replaced with a new, energy efficient, 0.70 MGD plant. The plant access road will be improved to allow access during the 20 year frequency storm event, and the plant will be constructed so that it is not affected by the 100 year frequency storm event. A backup generator will also be provided to ensure continuous operation during power outages. The wastewater collection system will be improved to reduce infiltration and inflow into the system, thus reducing the treatment capacity required. Manholes and wastewater lines will rehabilitated or replaced as needed. The lift station alarm and notification system will be updated to provide operators with more control and operational data to improve efficiency. Drainage improvements will be provided to reduce the effects of flooding to wastewater system components. | CWT | PADC | $2,586,000.00 | 70% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 74 | 15 | 12376 | Quitman | TX0022748 | 1,809 | The City of Quitman (City) needs to replace approximately 6,000 linear feet of collection system piping and associated manholes that have reached the end of their useful life. The mostly clay tile pipe has deteriorated and allows excessive inflow/infiltration (I/I) into the system.<br><br>The City proposes to replace approximately 5,800 Lf of 15-in sewer main and 500 LF or 8-in sewer collection lines. The proposed project includes the replacement of 26 old manholes. The project include a system-wide I&I study to identify issues in the collection system to provide the City a capital improvements plan to reduce I&I and peak flows at the WWTP. | CWT | PADC | $1,321,300.00 | | | | |
| 75 | 15 | 12262 | McCamey | | 1,870 | The City of McCamey needs to construct a storage pond at their wastewater treatment plant (WWTP) to store effluent for irrigation purposes. The City's proposed project is to design and construct a storage pond at the City's WWTP. The pond's storage volume is to be 24.45 acre feet for storage prior to irrigation. The concept of using effluent to irrigate is innovative and the City may evaluate synthetic pond liners. The City of McCamey is planning to use this loan for the preliminary engineering report, asset management, all phases of design, construction administration, project representation, and actual construction cost. | CWT,GPR | PDC | $1,507,825.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 76 | 15 | 12326 | Acton MUD | TX0105155 | 8,655 | Acton Municipal Utility District (District) needs to improve the treatment process and capability at their Pecan Plantation Wastewater Treatment Facility to allow connection of customers within the area that currently use on-site sewage facilities (OSSF) for disposal. The District is proposing to serve at least 104 OSSF customers. The District's Pecan Plantation WWTP needs to be expanded and upgraded to provide treatment to existing OSSF users within the area served by the WWTP. The District expects to remove approximately 104 OSSF's from use and to accommodate these and other flows, the WWTP will be improved and upgraded. The proposed WWTP expansion will add additional influent pump station capacity, replace the existing aeration basin and clarifier systems with a Sequencing Batch Reactor (SBR) system, increase disinfection and sludge handling capacity, as well as the associated yard piping, electrical, controls, etc. The plant expansion will allow AMUD to continue serving their customers with high quality, reliable wastewater treatment while reducing the inflow of sewage into the Brazos River downstream of Lake Granbury. The proposed project will also include the development of an asset management plan for AMUD's wastewater system. | CWT | PDC | $6,652,000.00 | | Yes-BC | $6,652,000.00 | |
| 77 | 15 | 12254 | Ingleside | TX0020401 | 9,554 | The City of Ingleside needs to replace their wastewater treatment plant which has reached the end of its useful life. Many components of the plant are aged, inefficient, and need replaced.<br><br>The City is requesting funding for planning, land acquisition, design, construction, and commissioning of a new wastewater treatment facility and decommissioning of the existing facility for the disadvantaged community of the City of Ingleside. The current wastewater plant is inefficient and aging beyond its use life. Major components of the project will consist of an automatic bar screen, grit removal, fine bubble aeration, double clarifiers, sludge thickener, chemical disinfection, sludge drying beds, high efficiency blowers, generator, new office & lab building and the decommissioning and removal of the existing treatment plant. Through this project the City strives to reduce energy consumption and allow for more efficient operation of the wastewater treatment plant. | CWT | PADC | $20,000,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 78 | 12 | 12330 | Alma | | 330 | The City currently has no wastewater collection/treatment options available other than on-site sewer/septic. The City is proposing a new collection and treatment system is so that wastewater can be treated appropriately. The City currently does not have a collection or treatment system. Residents rely upon on-site sewage treatment, except for a small development that has an agreement with Ennis for treatment. The City of Ennis does not have capacity for additional flows. To alleviate the problems with deteriorated, failing OSSF's, the City proposes to construct a collection system and wastewater treatment plant. | CWT | PADC | $4,555,000.00 | | | | |
| 79 | 12 | 12374 | North Fort Bend WA | TX0126004 | 8,200 | The North Fort Bend Water Authority's proposed project will help alleviate reliance on potable water by using reclaimed water from Fort Bend County Municipal Utility Districts 146 and 194 for green space irrigation and lake level management. The Authority proposes to install approximately 38,000 linear feet or waterlines ranging in size from 2 to 12 inches to transport and distribute Type 1 reclaimed water for use within the MUD's for irrigation and water to augment lake levels. | GPR | C | $2,383,000.00 | | Yes-BC | $2,383,000.00 | |
| 80 | 12 | 12344 | Del Rio | TX0053830 | 37,887 | The City of Del Rio needs to upgrade/improve both the San Felipe And Silver Lake wastewater treatment plants (WWTP). Many components at each plant have reached the end of their design life and need replaced. Both plants need new Supervisory Control and Data Acquisition (SCADA) systems to more efficiently and effectively operate the systems and both plants need upgraded operations facilities. The Silver Lake WWTP needs new process equipment to continue efficient operations to meet permit parameters. The proposed WWTP improvements will repair and replace failing equipment to maintain ability to meet permit parameters where facility operations were recently taken over by the public works department. Improvements include new SCADA systems and upgraded office facilities at both San Felipe WWTP and Silver Lake WWTP. Process improvements include upgrades to the clarifiers and new belt presses and thickeners at the Silver Lake WWTP. | CWT | PDC | $19,702,540.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 81 | 11 | 12386 | Santa Anna | | 1,081 | Portions of the City of Santa Anna's (City) collection system have reached the end of their useful life and are in need of replacement. The existing collection system lines are old, brittle materials that are breaking apart allowing significant inflow/infiltration into the system. The City proposes to replace aging sewer lines in the collection system to address significant 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 | $789,000.00 | 50% | | | |
| 82 | 11 | 12365 | Kirbyville | TX0023574 | 2,409 | The City of Kirbyville (City) needs to replace sanitary sewer collection system components to address excessive inflow/infiltration due to piping and manholes that have reached the end of their design life. The City also needs to upgrade/rehabilitate old unreliable equipment within the wastewater treatment plant to maintain treatment. The City proposes to replace/rehabilitate portions of the sanitary sewer collection system to address the excessive amounts of I/I entering the system. The City also proposes to rehabilitate portions of the wastewater treatment plant treatment processes and equipment to continue to properly treat wastewater for the City. | CWT | PDC | $1,959,500.00 | 50% | Yes-BC | $1,019,000.00 | |
| 83 | 11 | 12400 | Winters | | 2,532 | The dilapidated piping experiences severe infiltration and inflow during rain events and the aged manholes have been to collapse causing line blockage. 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. If funded, the construction of the project will help to restore the integrity of the collection system and prevent pipe and manhole failures that have become routine. The proposed project will also include the development of an asset management plan. | | PDC | $2,575,000.00 | 30% | Yes-BC | $2,575,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 84 | 11 | 12389 | Stamford | TX0025411 | 3,033 | The City needs to replace their deteriorated collection system and lift stations to address inflow/infiltration. The City proposes to replace an existing lift station and aging sewer lines in the collection system. The City proposes to replace asbestos cement and older PVC pipe sewer lines throughout the collection system to address inflow and infiltration into the collection system.<br>The existing lift station will be replaced with a new lift station, including pumps, electrical, controls, etc. for a fully operational lift station. | CWT | PDC | $3,698,000.00 | 50% | | | |
| 85 | 10 | 12247 | Ellinger Sewer & Water SC | | 438 | N/A 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). | | PDC | $126,650.00 | 70% | | | |
| 86 | 10 | 12336 | China | TX0071650 | 1,180 | The current Lift Station 5 sanitary sewer force main has been damaged and is in need of replacement. The existing submersible pumps in lift station #5 need to be upgraded/replaced to maintain their capacity and function. The City plans to construct a new 6" sanitary sewer force main from the existing lift station #5. The City also plans to replace two (2) existing submersible pumps in lift station #5. | CWT | PDC | $893,000.00 | 30% | | | |
| 87 | 10 | 12357 | Grapeland | TX0055239 | 1,784 | The City of Grapeland's (City) wastewater treatment plant needs an additional treatment train to allow the City to continue to provide effective treatment to meet permit parameters. The City proposes to include a parallel treatment process at their existing WWTP to enable the City to provide continued treatment. The parallel treatment train will be beneficial for both general operations and as needed for bypassing the flow through one train to allow for renovations to the aged treatment equipment. | CWT | PDC | $5,830,000.00 | 70% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 88 | 10 | 12397 | Victoria Co WCID # 1 | TX0122246 | 1,984 | The WWTP was constructed to comply with the TCEQ emergency power requirements by means of an automatic switching dual power feed installed by AEP. This automatic switching mechanism is no longer reliable, so the project is needed to comply with TAC 217.36. A less expensive option would be to replace the automatic switching mechanism with a newer style, but in the event of a hurricane or other natural disaster that could result in a significant or lengthy power outage, it is likely that both power feeds would be affected, thus resulting in no power from AEP. The portable generator is needed in order to assure that such a generator is available when needed during a power outage. Currently the WCID is under an agreement to promptly rent one as needed from a local vendor, but there is always the possibility that in a high demand situation that one may not in fact be available. The original construction of the Bloomington WWTP in 1999 included an automatic switching dual electrical power feed installed by AEP to satisfy the emergency power requirements of TCEQ. AEP has notified the Victoria WCID No. 1 that this automatic switching dual feed mechanism is no linger functioning properly and the manufacturer no longer exists to service the equipment. In order to assure compliance with TAC 217.36 to provide emergency power for the plant, the proposed project will provide a backup electrical power generator with sufficient capacity to run the WWTP and Office with a next-phase capacity expansion. In addition, a portable trailer-mounted generator will be purchased which is capable of being transported as needed to power each lift station in the collection system during a power outage. (Each lift station has already been installed with a manual transfer switch and a receptacle for use with a portable generator). Funding is sought for planning, design and construction. | CWT | PDC | $250,000.00 | 30% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 89 | 10 | 12257 | Llano | TX0135968 | 3,313 | The City of Llano (City) needs to replace sanitary sewer piping that has reached the end of its life span. Areas of the City's collection system have been experiencing broken and collapsing pipe, leading to sewage back-ups and overflows. The deteriorated pipe and brick manholes contribute to inflow/infiltration into the system contributing to the overflows. The City needs to replace over 7,000 feet of pipe and 30 wastewater manholes, many which are older, brick construction. Repairing collapsed segments of the line and correcting grading issues will result in increased system reliability through the replacement of deteriorating concrete piping, replacement of brick manholes, and the upsizing of lines. The project will also reduce inflow and infiltration in the City's collection system. | CWT | C | $3,325,270.00 | 50% | Yes-BC | $3,325,270.00 | |
| 90 | 10 | 12249 | Falfurrias | | 4,512 | There are no MCL violations nor health and/or compliance factors related to the proposed improvements though there are physical deficiencies within the collection system and treatment facility. The City of Falfurrias (CF) provides wastewater services to residents and businesses within its service area. The wastewater system that serves the City of Falfurrias consists of sewer gravity collection lines, force mains, lift stations, and a wastewater treatment plant. The CF recognizes that improvements to the wastewater infrastructure are critical to satisfy and comply with TCEQ wastewater regulations for conveyance and treatment. Immediate improvements are required for the said collection system. The CF is proposing to develop plans to rehabilitate 8 lift stations in the collection system and evaluate and plan for the replacement of the main plant force main that is constantly breaking. Further, there are areas within the community where there is old concrete pipe or vitrified clay pipe that has been in service for well over fifty (50) years. Lines within these areas of the city need to be cleaned and televised in order to maximize the use of funds for a repair and replacement pr | CWT | PD | $418,500.00 | 50% | Yes-BC | $285,000.00 | |
| 91 | 10 | 12367 | Los Fresnos | TX0091243 | 6,280 | Components of the City of Los Fresnos' wastewater treatment plant (WWTP) have deteriorated past the point of repair and must be replaced. The City is proposing to complete planning, design, and construction of improvements to WWTP Headworks, including new bar screen and grit removal system to maintain treatment capability. | CWT | PDC | $1,296,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 92 | 10 | 12387 | Seguin | TX0022365 | 30,006 | The City of Seguin (City) needs to replace the Walnut Branch wastewater line that has reached the end of is useful life. The line has reached capacity and has deteriorated, allowing excessive inflow/infiltration into the system. The City also needs to remove an existing lift station and replace with a gravity flow line.<br><br>The City is proposing to replace two sections of the Walnut Branch wastewater line to address deteriorated conditions and excessive inflow/infiltration. The City also proposes to replace an existing lift station with a gravity flow line to address reliability and capacity. | CWT | C | $3,115,181.00 | 30% | Yes-BC | $2,780,497.00 | |
| 93 | 10 | 12370 | McAllen | TX0093106 | 97,000 | The City of McAllen (City) is requesting construction phase funding to complete the Sprague Sewer project, planned and designed under Texas Water Development Board project number 73633. The City is also in need of electrical and supervisory control and data acquisition (SCADA) upgrades to provide reliability and efficiency to their wastewater treatment processes. The City is proposing to construct the Sprague Sewer Line to transport sewage from colonias and areas in the northwestern part of the City to their North Wastewater Treatment Plant. Installation of the Sprague Sewer will allow the abandonment of 2 lift stations in the northern portion of the City. The City needs to upgrade electrical and SCADA at the North Wastewater Treatment Plant to provide electrical power reliability and controls. | CWT,NPS | C | $7,000,000.00 | | | | |
| 94 | 5 | 12242 | Amarillo | TX0025810 | 198,000 | The City of Amarillo has determined Lift Station No. 32 is in need of replacement and upgrades. The City received funding under project number 73663 in 2014 for replacement of sanitary sewer collection lines and Lift Station No. 32, but cost over runs on the collection system project and cost increases have prevented the City completing the work. The City is in need of additional funding to replace Lift Station No. 32. The project consists of a new 10.1 million gallon per day (MGD) lift station that will replace an existing aging lift station and reduce flows substantially to another. The project will also consist of approximately 15,000 linear feet of 24-inch force main; 2,300 linear feet of 18-inch backup force main; 4,300 linear feet of 36-inch gravity main; and 3,300 linear feet of 24-inch gravity main. Design of the project has been completed. | CWT | C | $15,764,910.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 95 | 1 | 12399 | Whitney | TX0106551 | 2,087 | The City of Whitney needs to develop a plan to decide how best to prioritize infrastructure improvements.<br><br>The City needs to make improvements to their wastewater system and will develop a wastewater capital improvements plan. The plan will provide the City with an assessment of their current wastewater system, provide documentation on all system components/infrastructure, and provide a recommendation on a systematic approach to infrastructure improvements to address inflow/infiltration and system wide efficiency. The City will also develop their Asset Management Plan with the assistance of TCEQ's FMT contractor. | Other | P | $120,000.00 | | | | |
| 96 | 1 | 12261 | Madisonville | TX0026662 | 4,518 | The City of Madisonville needs to replace/rehabilitate an existing lift station to maintain capacity to effectively transport the wastewater for treatment at the city's wastewater treatment facility. The City proposes to replace an existing lift station that has reached capacity. The replacement will include all components for a complete, functional lift station. As part of this funding request, the City will complete an asset management plan to more efficiently manage their infrastructure. | CWT | PDC | $508,000.00 | | | | |
| 97 | 1 | 12348 | Ennis | TX0047261 | 18,674 | The City needs to replace failing sewer lines that are a source of Infiltration &Inflow (I/I). The I/I impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to rehabilitate/replace sewer lines that are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances. | CWT | PDC | $4,072,598.00 | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **POTW** | | | | | | | | | | | | | |
| 98 | 1 | 12349 | Ennis | TX0047261 | 18,674 | The City needs to rehabilitate/replace failing sewer lines that are a source of I&I that impacts all downstream components of the collection system and the treatment process. In addition, breaches and surcharges create a health risk including a risk of surface water contamination. The City proposes to replace/rehabilitate sewer lines are over 50 years old and in extremely degraded condition. Many of these lines are aged clay pipe with brick manholes. The proposed project will completely rehabilitate the targeted lines including manhole replacements, new services, and all necessary appurtenances. | CWT | PDC | $9,929,430.00 | | | | |
| 99 | 1 | 12350 | Ennis | TX0047261 | 18,764 | The City of Ennis needs to upgrade or replace components of their wastewater treatment plant (WWTP) that have reached the end of their useful life. The influent lift station is failing structurally and the pumps fail on a regular basis. The grit removal system no longer functions and needs replaced. The chlorine contract chamber needs rehabilitated or replaced to provide necessary disinfection of the effluent. The City is proposing to construct a new influent lift station and disinfection system at their WWTP to maintain treatment to meet their permitted effluent parameters. | CWT | PDC | $6,385,000.00 | | | | |
| 100 | 0 | 12385 | Sandbranch | TX0047848 | 190 | Existing septic systems are old and deteriorated and may be a source of coliform organisms in water wells. Installing a new wastewater collection system. Improvements 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 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. | CWT | PADC | $3,000,000.00 | | Yes-BC | $750,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 101 | 0 | 12260 | Lower Valley WD | | 1,400 | NA The project consists of approximately 32,000 linear feet of 8-inch diameter sanitary sewer approved pipe (PVC SDR-35); approximately 81, 48-inch diameter pre-cast manholes; approximately 258 linear feet of steel casing by jacking/boring methods; approximately 361 sanitary sewer service connections; dewatering operations; pavement removal and replacement; trench safety system for approximately 31,800 linear feet of pipeline; videotaping of project site before and after construction; traffic control plan; decommissioning of approximately 261 septic system in the project area and yard lines to approximately 261 homes. | | C | $4,017,703.00 | | | | |
| 102 | 0 | 12512 | Chandler | TX0033499 | 2,783 | The City of Chandler's wastewater treatment plant's (WWTP) headworks have reached the end of their useful life and need to be replaced. The City's proposed project will move the headwords and add a new mechanical bar screen, a grit chamber with manual removal, and remove and relocate a bar screen to provide more efficient and streamlined WWTP operations. | CWT | PDC | $1,064,280.00 | | | | |
| 103 | 90 | 12535 | Donna | TX0132082 | 17,630 | The City needs to expand their wastewater treatment plant to address issues with capacity and non-compliance. The City proposes to expand its existing Wastewater Treatment Plant from 1.8 MGD to 2.4 MGD as the plant is at approximately 95% of its permitted capacity. | CWT | PDC | $6,000,000.00 | 50% | | | |
| 104 | 60 | 12536 | Donna | TX0132082 | 17,630 | Collapsed lines are causing existing manholes to fill and run over. Wastewater is backing up into household residences and manholes are spilling over and running into streets and alleys. Replacement of existing wastewater collection lines. Many of the City's wastewater collection lines are constructed out of clay and are over 60 years old and are collapsing and deteriorating. Collapsed lines are causing existing manholes to fill and run over. Wastewater sewer water is backing up into household residences and manholes are spilling over and running in the<br>streets and alleys. | CWT | PDC | $1,390,000.00 | 30% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 105 | 25 | 12537 | Harris Co WCID # 36 | TX0025062 | 11,167 | The District needs to construct a new wastewater treatment plant to become completely self-sufficient in it's collection and treatment of wastewater flows. The District's sewage is currently treated by Harris County Fresh Water Supply District No. 51, which is in a high growth area of Harris County and nearing capacity. The District proposes to plan, design, and construction a new 2.0 MGD wastewater treatment plant with related lift stations, pumps, and piping to allow the District to treat their own sewage | CWT | PDC | $15,243,335.00 | 50% | Yes-BC | $500,000.00 | |
| 106 | 40 | 12540 | Kaufman Co FWSD # 1A | TX0079391 | 4,779 | The purpose of the Windmill Farms WWTP Improvements Project is to improve the treatment ability of the plant to meet current and future effluent requirements, as shown in the attached draft permit amendment The proposed initial phase improvements do not increase the rated flow of the plant. The project consists of the addition of a fifth aeration basin to address organic loading, rehabilitation of portions of existing process piping and tankage, and the addition of a new sludge pump, new container filter, containment slab, and polymer dosing system for on-site dewatering. Funding is being sought for the construction phase costs of the plant improvements. | CWT | C | $2,640,000.00 | | | | |
| 107 | 20 | 12541 | Lancaster | | 38,152 | The City of Lancaster needs to replace approximately 3,250 linear feet of sanitary sewer pipeline, 15 manholes, and service connections to address inflow and infiltration (I/I) due to deteriorated condition of the collection system. The City proposes to replace approximately 3,250 linear feet of piping, approximately 15 manholes, and service connections along the pipe. The old clay pipe and brick manholes have deteriorated and allow I/I into the collection system. The replacement is part of the City's Sanitary Sewer Overflow (SS0) agreement with Texas Commission on Environmental Quality. | CWT | DC | $514,000.00 | 30% | Yes-BC | $514,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 108 | 0 | 12542 | Alba | TX0022489 | 623 | The City of Alba needs to replace deteriorated sanitary sewer lines that have reached the end of their useful life and are in danger of collapsing. The deteriorated condition allows large amounts of inflow & infiltration (I & I ) into the collection system and need to be replaced.<br><br>The City's proposed project will include the planning,design and construction of sanitary sewer line replacements beneath Mockingbird St. and Quitman Rd. This includes approximately 3,900 LF of 8" sanitary sewer line, 7 concrete manholes, 25 service reconnections, 6,000 SY of pavement repair, and all necessary appurtenances to the sewer line. | CWT | PDC | $990,000.00 | | | | |
| 109 | 65 | 12545 | Sienna Plantation MUD # 1 | TX0119539 | 14,000 | The Sienna Municipal Utility District #1 (MUD 1) needs to design and construct a south regional wastewater treatment facility to replace two interim steel wastewater treatment plants (WWTP) installed as the community was developed. The two steel WWTP's have reached the end of their useful life and need to be replaced. Sienna Plantation MUD #1 is proposing to divert flow from an existing package wastewater treatment plant to a new south regional wastewater treatment plant. At least one and possibly more deteriorated package wastewater treatment plants will be abandoned. The south regional wastewater treatment plant will allow MUD #1 to meet more stringent permit parameters and increase capacity. | CWT | DC | $11,901,000.00 | | Yes-BC | $2,700,000.00 | |
| 110 | 50 | 12546 | Sienna Plantation MUD # 1 | TX0119539 | 14,000 | Sienna Plantation Municipal Utility District #1 (MUD #1) needs to decommission deteriorated package wastewater treatment plants and increase capacity to continue to maintain treatment of wastewater from areas of Sienna Plantation to meet permit parameters. Sienna Plantation MUD #1 is proposing to divert flow from existing package wastewater treatment plants to a new north regional wastewater treatment plant. At least two, and possibly 3, deteriorated package wastewater treatment plants will be abandoned. The north regional wastewater treatment plant will allow MUD #1 to meet more stringent permit parameters and increase capacity. | CWT | DC | $14,278,000.00 | | Yes-BC | $1,300,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 111 | 0 | 12547 | Abilene | TX0023973 | 126,291 | The combination of age and the need to visually inspect the meters to determine readings is very inefficient from both a labor and water loss perspective. Several thousand of the existing meters are ten years old and older and have lost accuracy. The City estimates that the replacement of the meters and the installation of the automated meter reading (AMR) meters and advanced metering infrastructure (AMI) system will result in at least a 1% savings that equates to 65 million gallons per year which equates to an annual savings of $195,000. The City of Abilene (the City) is proposing to replace all of the City's water meters varying in size from 3/4-inches up to 10-inches for a total of approximately 43,500 meters. Several thousand of the existing meters are ten years old and have lost accuracy. The City estimates that the replacement of the meters and the installation of the automated meter reading (AMR) meters and advanced metering infrastructure (AMI) system with leak detection will result in at least a 1% savings that equates to 65 million gallons per year which equates to an annual savings of $195,000. | Other | PC | $14,020,000.00 | | Yes-BC | $14,120,000.00 | |
| 112 | 71 | 12549 | Hutto | TX0132926 | 22,791 | The City needs to install two gravity flow wastewater interceptor lines to serve areas of the City. The City needs to serve an existing business park,Veteran's Hill Elementary School, and a planned high school in the area north of US Highway 79 and west of State Highway 130. The City also needs to decommission the existing Lakeside Estates Lift station. The City is proposing to install a gravitv flow wastewater interceptor from FM 685 to the business park on the north side of US 79 and west of SH 130. The wastewater interceptor will collect flow from the proposed HISD school and existing business park development and tie into the existing Brushy Creek Phase TI-B Interceptor. This phase will also extend to the north to serve the existing Veteran's Hill Elementary School.<br>The City is also proposing to install a proposed gravity flow wastewater interceptor and decommission the existing Lakeside Estates Lift Station. The installation of the wastewater interceptor will begin at the existing Lakeside Estates Lift Station, travel alongside FM 685 to the north and ultimately terminate into the existing Enclave Lift Station. | CWT,NPS | ADC | $13,300,002.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 113 | 0 | 12558 | San Juan | TX0057592 | 24,166 | The City of San Juan needs to plan, design, and construction a belt filter press and ancillary improvements at their existing Wastewater Treatment Plant. The proposed project includes the planning, design, and construction(installation) of a belt filter press and ancillary improvements at the City's existing Wastewater Treatment Plant. | CWT | PDC | $1,270,000.00 | | | | |
| 114 | 50 | 12562 | Harris Co MUD # 50 | TX0057053 | 4,156 | The Harris County Municipal Utility District #50 needs additional construction funds to complete the construction of their wastewater treatment plant, funded under TWDB project 73706. The MUD also needs to continue addressing inflow/infiltration within their existing collection system. The MUD has completed emergency cleaning and closed circuit television inspection of approximately 60,000 linear feet of their sanitary sewer collection system in response to an enforcement action and is proposing to replace the most severely deteriorated pipes. The MUD also needs additional construction phase funds to complete their new wastewater treatment plant (WWTP) No. 2. | CWT | DC | $4,295,564.10 | 30% | | | |
| 115 | 11 | 12560 | Edinburg | TX0024112 | 77,000 | The City of Edinburg (City) needs to extend their sanitary sewer collection system into a newly annexed area of the city and rehabilitate deteriorated trunk and collection system piping throughout the city. The City of Edinburg is requesting funds from the Fiscal Year 2018 Clean Water State Revolving Fund (CWSRF), for the installation of a sewer and collection systems for newly annexed area of the City and to rehabilitate deteriorated collection trunk mains and collection systems throughout the City. | CWT | PDC | $1,382,288.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 116 | 15 | 12564 | Farwell | | 1,363 | The city of Farwell needs to rehabilitate/upgrade their wastewater treatment facility to meet current treatment requirements and design criteria. The City is considering several options for improving their wastewater treatment facility. First option is to replace the existing facultative ponds with a modular package type treatment plant and reline the existing holding pond. Second option is to reline the three existing facultative ponds and the holding pond to meet current Texas Commission on Environmental Quality (TCEQ) liner requirements. The second option may require constructing a new facultative pond to facilitate the relining of the other ponds. Final decision may be dependent upon y (TCEQ) review of the City's Texas Pollutant Discharge Elimination System (TPDES) permit . | CWT | PDC | $1,450,000.00 | | | | |
| 117 | 30 | 12561 | Blanco | | 1,739 | The City of Blanco needs to construct a new 225,000 gallon per day wastewater treatment plant to replace their current lagoon system. The current lagoon system cannot meet Texas Pollutant Elimination Discharge Permit (TPDES) limits that become effective in April, 2018. The City is requesting additional funding for project The City is requesting additional funding to complete construction of their New Wastewater Treatment Plant (TWDB Project No. 73763). Additional funding is needed for construction cost overruns realized when bids for the project were received.. The project includes a new 225,000 gallon per day conventional wastewater treatment plant (WWTP) facility which will replace the City's existing lagoon treatment system. As part of a major permit amendment set forth by the TCEQ in 2015, the City is under a 3-year compliance schedule which requires either higher water quality discharge standards or conversion to a no-discharge facility. The existing lagoon treatment facility cannot meet the new water quality limitations set forth by the TCEQ for discharge beginning in April 2018. The requested TWDB financing will provide funds for the WWTP construction as well as the administration efforts associated with the TWDB loan. Due to the strict compliance schedule set for by TCEQ, the City has elected t | CWT | C | $2,550,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 119 | 0 | 12570 | Bonham | TX0021814 | 10,044 | The City of Bonham (City) needs to replaced and upsize approximately 20 failing sanitary sewer line that have exceeded their useful life. The sewer lines range from 8 to 16 -inch diameter and are located throughout the city. The City is proposing to replacement and upsizing approximately 20 sanitary sewer collection lines ranging from 8"-16" throughout the City of Bonham. New collection lines will coincide with street and water line repairs that have also been identified as potential projects. | CWT | PADC | $4,660,000.00 | 30% | | | |
| 120 | 40 | 12593 | Woodloch | | 836 | The Town of Woodloch needs to replace their approximate 34 year old steel package wastewater treatment plant. The Town purchased the plant used in 1994 and the plant has reached the end of its useful life. The Town is having difficulty meeting their Texas Commission on Environmental Quality (TCEQ) permitted effluent limits. The Town is proposing to replace their existing steel package wastewater treatment plant with a 150,000 gallon per day plant, constructed on the same site. The new plant will be designed to meet TCEQ Chapter 217 Design Criteria and use modern materials and equipment. The Town is proposing to construct two complete treatment trains to allow flow equalization and easy maintenance. | CWT | PDC | $1,959,100.00 | 70% | | | |
| 121 | 0 | 12603 | Terrell | TX0022527 | 17,329 | The City of Terrell (City) needs to rehabilitate and upgrade their existing wastewater treatment plant to provide a better level and more efficient treatment of the sewage. The City needs to add redundant treatment units, additional disinfection and sludge handling units, additional aeration basins, upgraded electrical and controls at their WWTP. The City also needs to replace deteriorated sanitary sewer collection lines at numerous locations throughout the city and a lift station. The City of Terrell (City) is proposing a total of 6 projects under this request. The City needs to rehabilitate and upgrade their existing wastewater treatment plant by adding additional treatment units, rehabilitating existing units, adding new disinfection and sludge handling units, and adding new electrical and controls. The City is also proposing to complete 5 wastewater collection system line replacements including lift stations, piping, manholes, etc. to address deteriorated conditions and to relocate away from traffic areas. | CWT | DC | $24,549,998.00 | 50% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 122 | 20 | 12604 | Laguna Madre WD | TX0023647 | 14,798 | The Laguna Madre Water District (District) needs to add sludge holding and treatment capabilities to their existing Port Isabel wastewater treatment plant to comply with current Texas Commission on Environmental Quality (TCEQ) design standards and to upgrade several existing lift stations. The District has improvements to their proposed Port Isabel WWTP sludge handling and treatment designed and ready to bid. The District is also completing hydraulic modeling for several lift stations within their collection system that are inadequate and susceptible to overflows due to pumping capacity issues. The District is proposing to rehabilitate/upgrade lift stations 1, 4, and 37 within their system and rehabilitate an additional 18 lift stations to address overflow and control issues. | CWT | PDC | $4,989,994.00 | | | | |
| 123 | 0 | 12602 | Nome | TX0054178 | 409 | The City of Nome experienced flooding of their wastewater treatment plant and lifts stations due to flooding from Hurricane Harvey and needs their WWTP and lift stations rehabilitated/upgraded to maintain treatment capacity. The City's proposed project includes rehabilitating their WWTP, which includes stabilizing the Facultative Lagoon and Constructed Wetland's levees, rehabilitating the WWTP's control building, replacing air pumps, replacing Constructed Wetland's vegetation, replacing surface aerators, and replacing the WWTP's EQ basin pumps / generator. The project also includes rehabilitating City's Louisiana Lift Station pumps and electrical controls. The work is necessary due to the flooding experienced during Hurricane Harvey. | CWT | PDC | $800,000.00 | | | | |
| 124 | 0 | 12601 | Keene | TX0106291 | 6,106 | The City of Keene (City) needs to replace deteriorated, failing sanitary sewer lines, including vitrified clay lines, within their collection system to address inflow/infitration. The City is proposing to replace deteriorated, failing sanitary sewer collection system components city wide to address inflow/infiltration into the system. | CWT | PDC | $850,000.00 | 50% | | | |

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| **POTW** | | | | | | | | | | | | | |
| 125 | 0 | 12843 | Kerrville | | 22,907 | The existing Legion Lift Station has a firm pumping capacity of 5.76 MGD. The Legion Lift Station basin has experienced significant growth over the past several years and it has been determined the firm capacity of this lift station needs to be expanded to 9.0 MGD. The scope of this project includes the design and construction of a proposed lift station and force main with an ultimate peak capacity of 6,250 GPM. The existing Legion Lift Station will be decommissioned and the existing wastewater lines will be rerouted to the proposed Legion Lift Station site. The proposed Legion Lift Station will convey wastewater to the City's water reclamation plant (WRP) headworks through a proposed 20-inch force main. | CWT | ADC | $9,850,000.00 | | | | |
| 126 | 25 | 12861 | NW Harris Co MUD # 5 | TX0072346 | 17,136 | North West Harris County Municipal Utility District No. 5 (District) needs to replace groundwater and irrigation water with treated effluent reuse water to create a more sustainable water source for their District uses. The District proposes to construct two reclaimed (reuse) water systems, using the effluent from two of their wastewater treatment plants (WWTP) for the supply. The District is proposing to use the reclaimed (reuse) water for make up water for amenity lakes within the District and to replace treated irrigation water with reclaimed water at several common areas within the District. | CWT,GPR | ADC | $15,770,300.00 | | Yes-BC | $11,202,900.00 | |
| 127 | 0 | 12862 | Beechwood WSC | TX0031267 | 2,300 | The Beechwood Water Supply Corporation (Corporation) needs to address damage incurred to their sanitary sewer system during Hurricane Harvey. Several lift station received damage ranging from buildings being damaged, pumps being damaged by sand and silt, sewer lines being broken by up-rooted trees, and storm water drainage channels around the lift stations were damaged. The Corporation proposes to redirect storm water drainage channels away from the lift stations, build diversion dams to protect lift stations from drainage, replace pumps in some of the lift stations, and clean/repair 7 lift stations and portions of the wastewater treatment plant. The Corporation proposes to reconstruct/repair the damaged lift station buildings and replace the damaged sewer lines. | CWT,GPR | PDC | $261,948.70 | 70% | Yes-BC | $5,000.00 | |

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| **POTW** | | | | | | | | | | | | | |
| 128 | 15 | 12865 | Fort Worth | TX0047295 | 815,430 | The City has received complaints regarding odor of dewatered sludge biosolids from adjacent property owners to the land application sites. in addition, the current contract to dewater digested municipal sludge and land apply the biosolids expires in 2020. As part of this project, the City of Fort Worth intends to construct a new biosolids dewatering and processing facility at the Village Creek Water Reclamation Plant. While the exact process to be recommended is still under evaluation, the goal of the proposed processing facility will be to produce a Class “A” biosolids with minimal odor that can be beneficially utilized in a variety of applications. This type of product will increase the number of interested vendors and make for a more marketable product. The Water Department anticipates using a Request for Proposals process for a design-build-operate (DBO) model that will allow a vendor to operate the biosolids processing facility and assume responsibility for marketing the finished product for a twenty year period. | CWT | C | $75,000,000.00 | | | | |
| 129 | 10 | 12868 | Bridge City | | 9,000 | The repair is need to fix the infiltration and inflow to these manholes and to keep the sewer plant in compliance with their discharge permit. The approximate 4 ft. of floodwater that blanketed the city of Bridge City as a result of Hurricane’s/Tropical storm Harvey, created a number of infrastructure issues. Of primary concern throughout the approximate 40 miles of city wastewater collection system, is the damages to approximately 42 manholes out of their 750 manholes due to the rising water and the rushing of water around the affected manholes, this rising and rushing water pressure has caused damages to these manholes resulting in excessive infiltration and inflow. | | C | $491,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 130 | 5 | 12869 | Hardin Co WCID # 1 | | 1,420 | Without this project, each residential sanitary sewer grinder pump station will not operate, therefore not providing sanitary sewer service to the homeowners. This project includes rehabilitating residential sanitary sewer grinder pump stations (District owns / operates on District owned easements). All of Hardin County WCID#1 residential homes were flooded due to Hurricane Harvey. At least 75% had water levels high enough to submerge the pump station grinder pump control panels. These pump stations / control panels need to be replaced so residents can have restored sanitary sewer service at their homes. This project is an urgent need project due to flooding by Hurricane Harvey. As of 3/30/2018, 115 of the 364 affected sanitary sewer grinder stations panels have been replaced. The continual cost for these replacements has depleted the emergency funds of the District, and the District is required to make said repairs as these homes are being re-occupied. This project is required as to prevent sanitary sewer water from discharging onto the ground at each home. This would be a health hazard and water quality issue, if this contamination | | PDC | $375,000.00 | | | | |
| 131 | 20 | 12866 | Abilene | TX0023973 | 126,291 | One of the two existing screws at the Buck Creek Pump Station failed in 2017. The BCPS has a history of having issues with wet weather flows and thereby providing the risk of SSOs. The City proposes to supplement the existing screw pumps at the Buck Creek Pump Station with submersible pumps sized to eliminate the need for throttling flow from the 48-inch interceptor into the SPLS. Properly sized submersible pumps will also eliminate the need for flow equalization during routine wet weather events. Equalization storage at BCPS will become available for peak wet weather events, reducing the potential for collection system surcharging and the potential for corresponding sanitary sewer overflows. | CWT | PDC | $2,130,000.00 | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **POTW** | | | | | | | | | | | | | |
| 132 | 20 | 12870 | China | | 1,120 | The WWTP has been out of compliance with their permit as a result of the sludge buildup in the plant. The approximate 4 ft. of floodwater that blanketed the city of China as a result of Hurricane's/Tropical storm Harvey, created a number of infrastructure issues. Of primary concern are the 6 sanitary sewer manholes along South Broadway, of the Cities wastewater collection system, that were impacted by the floodwaters of Harvey and are now taking on large quantities of storm water due to the force of the rising and rushing of water around the affected manholes. This rising and rushing water pressure has caused shifting and damages to these manholes resulting in excessive infiltration and inflow.<br>The approximate 4 ft. of floodwater that blanketed the city of China as a result of Hurricane's/Tropical storm Harvey, created a number of infrastructure issues. Of primary concern the city of China is seeking financial assistance to remove large quantities of sediment/sludge buildup that entered the city's wastewater collection system and ultimately deposited within the wastewater plant treatme | | C | $558,000.00 | | | | |
| 133 | 40 | 12872 | Bevil Oaks | | 1,274 | The critical electrical, control, and stand by generation equipment at the City's sanitary sewer lift stations was destroyed during the flooding event of Hurricane Harvey. The proposed project will replace electrical and controls, electrical switch gear, and equipment at the City's Main Lift Station and at Rolling Hills Lift Station. For the Main Lift Station that serves the entire City, this will also include replacement of the damaged stand by generator. All equipment will be installed on steel platforms that will elevate the equipment approximately eight feet above grade, which was the approximate flood level during the Hurricane Harvey event. | | PDC | $650,366.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 135 | 6 | 12882 | Laredo | | 257,156 | The construction of the 4.75 MGD Manadas Creek WWTP, with future capacity up to 9.5 mgd, in Northwest Laredo will provide service to the Mines Road and Northeast areas as well as relieve the overloaded conditions of the existing 24" wastewater line on Mines Road and the 36" wastewater line on IH35. Once Manadas Creek WWTP is completed the Zacate Creek WWTP can be decommissioned and closed. The construction of the Manadas Creek WWTP is to reduce the wastewater load to the Zacate Creek WWTP, as well as the hydraulic load in the existing wastewater main downstream of the Manadas Creek WWTP by intercepting and treating the majority of the wastewater flows from the Manadas Creek watershed. The proposed Manadas Creek WWTP service area is located east and west of IH-35 and follows more or less the perimeter of the drainage watershed of Manadas Creek to the intersection of FM 1472 with IH-35. This PER will provide an overview for the proposed Manadas Creek WWTP to determine the most feasible and cost effective means of design and construction for a plant that will treat a minimum annual average flow of 4.75 MGD at facility start-up and an ultimate treatment capacity of 9.5 MGD. It is anticipated that a 9.5 MGD plant will be capable to treating flows for the ultimate development of the Manadas Creek service area. | | DC | $55,579,000.00 | | | | |
| 136 | 5 | 12884 | Jasper Co WCID # 1 | TX0021300 | 2,900 | The target area is part of the original 1963 collection system primarily consisting of concrete piping, which is difficult to repair. In some cases, deterioration of the existing pipe at the point of repair is so advanced that all of the concrete pipe has dissolved, leaving only an earthen tunnel where the pipe once was. The existing sewer lines are old and susceptible to leaking and infiltration. The existing lines are deteriorating and will continue to require extensive maintenance to maintain service. Continued growth within the city will become more of a significant burden on an already dilapidated system with each passing year. The proposed project will replace approximately 11,300 linear feet of gravity sanitary sewer. The proposed project area will be primarily in the north and east-central sections of the Buna community. All of the proposed lines will serve to replace sections of the original 1963 collection system with new PVC lines. | CWT | PADC | $1,454,545.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 137 | 40 | 12888 | Cedar Bayou Park UD | TX0126543 | 418 | Cedar Bayou Park Utility District's WWTP was destroyed by floodwaters during Hurricane Harvey. In order to mitigate and prevent the District from being impacted in future floods the District is going to abandon their facility and reroute their sewage to a nearby City of Baytown manhole. The City of Baytown will treat the District's wastewater thereby getting rid of the need in having to keep a WWTP dedicated to Cedar Bayou Park Utility District. Performing the following steps will allow the District to manage its sewer treatment throughout future catastrophic events. The City of Baytown has an impact fee to connect to their wastewater treatment plant that is based on the number of connections that the Cedar Bayou Park Utility District encompasses. Cedar Bayou Park Utility District will demolish their wastewater treatment plant that flooded and replace the small vehicular access bridge that was destroyed during the hurricane. The bridge is be needed for heavy equipment to cross in order to perform the demolition work. | CWT | DC | $620,400.00 | | | | |
| 138 | 30 | 12889 | De Kalb | TX0069671 | 1,656 | The DeKalb WWTP was struck by a tornado on January 21, 2018. In addition to the tornado damage, rains also flooded the facility. The following units sustained damage from the event and their use and/or longevity was impaired – Plant electrical system including generator, clarifier, incoming effluent screen (flex rake), control building, floating brush aerators and pump house. The WWTP requires repair to several units due to tornado and flood damage. | CWT | DC | $1,166,000.00 | 30% | | | |
| 139 | | 12894 | Harris Co MUD # 148 | | 5,401 | Increase in capacity To expand capacities at the District's Wastewater Treatment Plant. | | PADC | $4,434,000.00 | | | | |

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| **POTW** | | | | | | | | | | | | | |
| 140 | | 12895 | Granbury | | 11,193 | N/A The City of Granbury is proposing to replace its existing WWTP that has reached the end of its useful life. The City of Granbury proposes to replace its existing WWTP, construct a new satellite WWTP and associated collection system improvements to support the proposed WWTP improvements. 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. | | PADC | $34,440,000.00 | | | | |
| **POTW Total** | | **138** | | | | | | | **$1,142,708,099.00** | **58** | **44** | **$158,522,243.00** | |
| **Nonpoint Source** | | | | | | | | | | | | | |
| 1 | 93 | 12384 | San Marcos | | 63,584 | The Upper San Marcos River, Segment 1814 is on the TCEQ 2010 303(d) list as impaired for elevated Total Dissolved Solids (TDS) The project is for the acquisition of approximately 300 acres of undeveloped property located over the Edwards Aquifer Recharge Zone and within the Sink Creek drainage basin, which drains directly into Spring Lake, the headwaters of the San Marcos River. The Edwards Aquifer is a water source for the City and also provides springflow to the San Marcos River, home to three endangered species.<br><br>There is concern that the urbanization of San Marcos, the fastest growing community in the US for the last 3 years, will result in increased non-point source pollution to the Edwards Aquifer and San Marcos River. Spring Lake and the Upper San Marcos River has experienced increased turbidity and declines in water quality after rainfall events with Sink Creek as the probable cause of the substantial loads of sediment and nutrients.<br><br>The City of San Marcos will be working with the San Marcos River Foundation to place under city ownership parcels acquired by the Foundation with loans from The Conserv | NPS | PA | $4,400,000.00 | 30% | Yes-BC | $4,000,000.00 | |

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| **Nonpoint Source** | | | | | | | | | | | | | |
| 2 | 72 | 12506 | North Houston District | | 17,057 | Remove a 232 unit apartment complex from the floodway that flooded during the April 2016 Tax Day Floods (DR-4269). Arbor Court Apartments was the most extensively damaged of over 10 apartment complex that flooded in the Greenspoint area of North Houston. Build a local detention basin to assist in flood mitigation and water quality enhancement and as a necessary prerequisite to a major storm water project on adjacent Greens Road. See excerpts from engineer's report. The project is a non-point source project that will benefit Greens Bayou Above Tidal (Segment 1016), an impaired water body. It has Green Project elements. | GPR | PDC | $3,985,000.00 | | Yes-BC | $3,985,000.00 | |
| 3 | 60 | 12359 | Guadalupe Blanco RA | | 677,166 | The GVHS includes high hazard dams and generates hydroelectricity and provides recreational opportunities in Guadalupe and Gonzales Counties. The spill gates at each of the 6 dams have reached the end of their useful life. Replacement of all 15 spill gates in the system is necessary to continue operations. The 15 spill gates at the 6 dams in the GVHS system were put into service between 1928-1932 and have reached the end of their useful life. One of the fourteen spill gates is not in service. Replacement of all 15 spill gates is necessary to continue operations. | | DC | $70,620,000.00 | | | | |
| 4 | 45 | 12269 | Taylor | | 16,276 | The City of Taylor has experienced flooding issues in several areas of the City. An analysis has identified several improvements in the stormwater system that will benefit the city. The City of Taylor has identified improvements and associated costs needed to mitigate several existing flooding issues in the City. A preliminary analysis has identified proposed improvements such as new underground storm drain facilities, roadside swales, incorporation of curb and gutter for certain rural roadways, proposed FEM floodplain modifications and maintenance, and regional detention facility. The storm water projects as part of this application will improve routing of runoff, reduce peak discharge volumes, remove approximately 65 existing structures from local and FEMA floodplains, all resulting in improved public safety and welfare for the citizens of Taylor. | | ADC | $5,554,000.00 | | | | |

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| **Nonpoint Source** | | | | | | | | | | | | | |
| 5 | 40 | 12245 | Brownsville | | 181,487 | The City of Brownsville needs to improve their stormwater collection and treatment system and address deteriorated pumping stations and conveyance systems. The City of Brownsville needs to improve their stormwater collection and treatment system by upgrading early warning and supervisory control and data acquisition systems (SCADA), stormwater piping and conveyance systems, and upgrading/replacing several stormwater pumping stations that have reached the end of their life span. Several of the pumping stations were installed in the 1950's and sized for the population and area at the time of installation and need replaced. The City plans to develop multi-purpose basin facilities and direct stormwater flows to those basins. The City plans to purchase a vacuum truck for maintaining the system. | GPR | C | $12,150,000.00 | 30% | | | |
| 6 | 35 | 12388 | Smithville | | 3,890 | The City needs to plan, design, and construct stormwater management strategies to address flooding within the City. The City proposes to construct a regional detention/retention pond and improvements and stormwater system improvements. The regional detention/retention pond will be a wet pond that will also reduce pollutants in the stormwater runoff and act as pre-treatment prior to discharging to Willow Creek. Reduction of flooding will also reduce stormwater infiltration into the wastewater sewer system which is an issue during severe rainfall events. | GPR,NPS | ADC | $4,495,700.00 | | | | |

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| **Nonpoint Source** | | | | | | | | | | | | | |
| 7 | 35 | 12368 | Lumberton | | 12,216 | Current facilities contribute to high stormwater flow velocities and high water surface elevations and are insufficient for the amount of flow generated through this portion of the stormwater drainage system. The proposed project will consist of increasing capacity of existing stormwater infrastructure in order to divert stormwater through proposed channelization to a proposed detention pond that will increase capacity of existing detention facilities. The detention facility is designed to allow run-off while reducing peak flows downstream.<br>The City of Lumberton, Texas stormwater drainage system flows into 3 segments, all of which are currently in the 5B or 5C category according to the Watershed Action Planning Strategy Table. The proposed project will affect portions of the drainage system that flow into Boggy Creek and thence into Pine Island Bayou. Recurrent flooding in existing developed areas has contributed to higher velocity stormwater flow that overtops roads, inundates ditches, increases sanitary sewer infiltration and inflow, and causes significant erosion of channels, leading to increased levels of sedimentation and other pollutants in storm flows. A Comprehensive Drainage Study | GPR | PDC | $4,494,495.00 | | | | |
| 8 | 27 | 12398 | Wharton | | 8,756 | The project would alleviate flooding in the most affected area of the City. This area has seen 3 floods in the past 2 years. The project would protect approximately 400 homes. The Corp of Engineers has developed plans and specs for construction of a Colorado River Levee System for the City. This levee system, when constructed, will alleviate river flooding in the City up to about the 100yr flooding level, currently estimated to cost about $27M. The city will be responsible for about 35% of the cost. In the western portion of the City, water begins to back into the City at high frequency flooding levels. The City has determined to spend a portion of its cost share now by the construction of a portion of Levee Segment 2 to provide 10 year flood protection for about 400 homes. The City also will develop an asset management plan as a resource, to be used in all City water/sewer projects and planning purposes. | GPR,NPS | PADC | $6,871,265.00 | 50% | | | |

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| **Nonpoint Source** | | | | | | | | | | | | | |
| 9 | 25 | 12391 | Sullivan City | | 5,001 | The City of Sullivan City (City) needs to develop a master storm drainage plan for the City and identify needed projects within the City. The City will develop a master storm drainage plan consisting of maps, recommendations, calculations, probable cost, etc. of all the affected areas within the city limits. Drainage discharge points will also be analyzed for capacity. The report will show the areas that are in most need of attention to the least needed. The results will then be used to identify projects that will have to be done in sequence based on usage and condition. | GPR,NPS,Other | P | $319,000.00 | 50% | | | |
| 11 | 0 | 12863 | Orange Co DD | | 84,260 | The Orange County Drainage District (District) needs to restore the capacity in Adams and Cow Bayous. The District needs to remove trees and debris deposited in the bayous during Hurricane Harvey to restore drainage capacity and improve the water quality within the bayous.<br><br>The District is bordered by the Sabine and Neches Rivers and contains numerous other major drainage waterways and structures which received a significant amount of fallen trees, other vegetative materials, and other material debris during Hurricane Harvey. The District is proposing to remove the debris to restore capacity and improve water quality within the waterways and drainage areas. The District is proposing to use District labor and equipment for a portion of the work. A large amount of the proposed work will require larger equipment and expertise that the District will need to hire. | GPR,NPS | PDC | $500,000.00 | | | | |
| **Nonpoint Source Total** | | **10** | | | | | | | **$113,389,460.00** | **4** | **2** | **$7,985,000.00** | |

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| 10 | 100 | 12592 | Texas Parks & Wildlife Foundation | | 0 | Texas Parks and Wildlife Foundation is proposing to purchase approximately 5,800 acres of land within the West Galveston Bay Watershed to address erosion and conversion of native habitats, protection of coastal wetlands, seagrasses, protect the area from further growth and development. The Foundation is proposing to purchase the "Frentress-Johnson Coastal Conservation Area" , a high priority project within the state of Texas, located near the Brazoria National Wildlife Refuge. The area has exceptional ecological values, landscape-scale and strategic location near and adjacent to other federal, state and private protected lands. The property is threatened by rapid growth and development from greater Houston, and is at high risk for subdivision, increased land use pressure, erosion and conversion of native habitat. The Foundation is seeking acquisition funds only to allow the purchase of the land. | | A | $13,500,000.00 | | | | |
| **Total** | | **1** | | | | | | | **$13,500,000.00** | **0** | **0** | **$0.00** | |
| **Total** | | **149** | | | | | | | **$1,269,597,559.00** | **62** | **46** | **$166,507,243.00** | |

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