



Planning, Acquisition, Design, and Construction / Rehabilitation - Category 2

For additional information on the Flood Infrastructure Funding Program, see the [FIF Program Guidance Manual](#).

Email completed application to FIF@twdb.texas.gov. Include the Applicant's Name, Abridged Application Number, and Category in the subject line.

Submittal Instructions: Please email one indexed, electronic copy to FIF@twdb.texas.gov. The application must be compiled and submitted in Portable Document Format (PDF) format. The PDF must be searchable. Include the Applicant's Name, Abridged Application Number, and Category in the subject line of the email. For applications in excess of 150 MB, please contact FIF@twdb.texas.gov for submission instructions.

For more information, please email FIF@twdb.texas.gov. Include the Applicant's Name, Abridged Application Number, and Category in the subject line of the email.

Example email subject line: Applicant Name, Abridged Application 12345, Category 2

Thank you.

Project information submitted in this application must be consistent with the project's submitted abridged application; any information that is inconsistent with the project's ranking in the prioritization list as approved by the board could result in the project losing prioritization points to the extent that the project may fall below the board-approved funding line. By submitting this Application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete Application by the stated deadline, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the Application without review.

GENERAL INFORMATION

Entity Name		
El Paso County		
Entity Type (City, County, or District/Authority created under Texas Constitution Article III, Section 52 or Article XIV, Section 59)		
County Government		
A citation of the law under which the political subdivision operates and was created		
Tex. Const. art. 5, sec. 18; Tex. Const. art. 9, sec. 1; Tex. Loc. Gov't Code Ch. 71.		
Physical Address		
500 E. San Antonio, El Paso, Texas 79901		
Mailing Address		
500 E. San Antonio, El Paso, Texas 79901		
Official Representative	Name	Ricardo A. Samaniego
	Title	El Paso County Judge

Please list the Applicant's official project representative with authorized signatory authority	Phone	(915) 546-2098
	Email	CountyJudge@epcounty.com
	Address	500 E San Antonio Ave #301, El Paso, TX 79901

Primary Contact Please list the Applicant's primary project contact (not a consultant) for day-to-day project implementation	Name	Jose Landeros
	Title	Director of Planning & Development
	Phone	(915) 546-2177
	Email	JLanderos@epcounty.com
	Address	800 East Overland Avenue Suite 200, El Paso, TX 79901

Project Engineer	Name	Jose Gilberto Andujo, PE, CFM
	Title	Project Manger
	Phone	(915) 478-2770
	Email	Gilbert.Andujo@aecom.com
	Address	221 N. Kansas St., Suite 700, El Paso, TX 79901

Financial Advisor (Required if TWDB debt component is being requested)	Name	Brad Angst
	Title	Financial Advisor
	Phone	(512) 813-7225
	Email	angstb@stifel.com
	Address	

Bond Counsel (Required if TWDB debt component is being requested)	Name	Rodolgo Segura Jr.
	Title	Bond Counsel
	Phone	(214) 754-9268
	Email	rsegura@mphlegal.com
	Address	717 North Harwood, Suite 900, Dallas, TX 75201
Other Contact (Grant Coordinator etc.) <u>Grant Coordinator</u>	Name	Munzer Alsarraj
	Title	Infrastructure Program Manager
	Phone	(915) 543-3845
	Email	MAlsarraj@epcounty.com
	Address	800 East Overland Avenue Suite 200, El Paso, TX 79901

GENERAL PROJECT INFORMATION

Abridged Application Number(s)	13787		
Project Name	Sparks Arroyo A1-A3 (SSA1)		
Project Location (Latitude/Longitude reflecting the geographic center of the project location and not that of the entity)	31°41'10.44" N 106°16'26.90" W		
Counties in Project's Area List counties where the project is located or providing service	El Paso County		
Category Invited For (Select Only One)			
<input type="checkbox"/> <u>Category 1</u> Flood Protection Planning for Watersheds	<input checked="" type="checkbox"/> <u>Category 2</u> Planning, Acquisition, Design, and Construction / Rehabilitation (All combinations)	<input type="checkbox"/> <u>Category 3</u> Federal Award Matching Funds	<input type="checkbox"/> <u>Category 4</u> Measures immediately effective in protecting life and property

STATEMENT OF FUNDING

Please indicate the funding sources anticipated to sufficiently fund the project. Insert the dollar amounts applicable from the sources identified below. The Applicant may either use its own available funds or borrow Flood Infrastructure Fund (FIF) funds at zero percent interest for any portion of the required local share not provided through the FIF grant funds. Other funding sources indicated below must be committed/awarded or currently under consideration by the funding agency. If federal funding is a source, please indicate the specific source and federal disaster number in the box below. While you may propose to use in-kind services on this form, any proposal must receive the Texas Water Development Board's (TWDB) approval.

Sources of Funding	Amount (\$)	Percent of Total Project Cost
a. Federal Funding Funding Agency: Click to enter name. Disaster Number: Click to enter number. <input type="checkbox"/> Have Applied for Funding; Date: Click to enter a date. <input type="checkbox"/> Have Received Funding Commitment or Award Notification; Date: Click to enter a date.	\$0	0%
b. Local Contribution (All cash/loan/bond proceeds/non-federal funding sources excluding FIF) For funding from a non-federal governmental agency/source: <input type="checkbox"/> Have Applied for Funding; Date: Click to enter a date. <input type="checkbox"/> Have Received Funding Commitment or Award Notification; Date: Click to enter a date.	\$0	0%
c. In-Kind Contribution (estimated value)	\$0	0%
d. TWDB FIF Grant Being Requested (Bank escrow costs may be included)	\$13,812,000	40%
e. TWDB FIF Debt Financing Being Requested Applicants with a debt component <u>MUST FILL OUT</u> the debt component questions below. Issuance costs may be included in the project budget. Bank escrow costs may be included. There is no FIF origination fee.	\$20,718,000	60%
TOTAL PROJECT COST (<i>equals a+b+c+d+e</i>)	\$34,530,000	100%
Attach a budget and explanation of funds	<input type="checkbox"/> Attached	

DESCRIPTION OF PROPOSED PROJECT – LIMIT PROJECT NEED AND DESCRIPTION TO ONE PAGE

Project Need: Description of Project Need (for example, is the project needed to address a chronic flooding issue, avoid potential stormwater damage, expand capacity, etc.):

The basin has two primary purposes:

1. Capture sediment being transported down the arroyos and reduce deposition in the downstream channels and floodplains; and
2. Detain the flood flows coming down the arroyos and release them slowly from the detention basin at a rate that will reduce flooding downstream.

Uncontrolled flows originating in the upper end of the watershed pose a flood risk to agricultural land at the mouth of Arroyos 1, 2, and 3, just downstream of IH-10.

Residences located downstream of these arroyos, on the south side of the Mesa Spur Drain, are also at risk due to the volume of flow from the arroyos. Runoff from the development in Horizon City and other undeveloped areas on the mesa enters the upper tributaries of the watershed that converge to form the arroyos. Additional runoff and sediment are accumulated as flows travel through the steepest part of the watershed. Approximately 1,500 feet downstream of IH-10, the arroyos become undefined, with no clear outfall to the Mesa Spur Drain. At this location, flows spread out depositing sediment and posing a flood risk to agricultural land in the area. Due to the large volume of the flow from the arroyos, there is the potential to exceed the capacity of the Mesa Spur Drain and flood residences located south of the channel.

Project Description: Description of Project, including a bulleted list of project elements/components, and alternatives considered (including existing facilities):

This project involves constructing a detention basin at the lower end of Arroyos 1, 2, and 3. The proposed embankment is approximately 41 feet tall and requires approximately 306 acre-feet of excavation for flood and sediment pool storage. The outlet structure for this basin consists of a 2-foot RCP. This project would provide flooding benefits to areas served by the El Paso County Water Improvement District (EPCWID) as well as parts of the City of Socorro.

- Embankment
- Principle Spillway
- Auxiliary Spillway

To maximize capture of debris flow and benefits to downstream areas, it is important that any mitigation project be located near the base of the arroyos where sediment transitions from accumulation to deposition. This necessitates the construction of a sediment trap, basin, or embankment near this transition point. For SSA1 this location is currently undeveloped, whereas other potential locations in the vicinity are either developed, currently in the process of being developed, or currently being used for agricultural purposes. The topography of the proposed site, directly at the base of the arroyos, makes it difficult for land development and thus ideal for stormwater detention. For this reason, the location was considered ideal and alternative locations were not considered.

The size of the contributing watershed necessitates a very large detention volume, and given the steep topography of the proposed site the only feasible project type to provide that volume within this area is using an earthen embankment, or dam. Alternate project types were not considered. Alternate dam configurations, such as conduit and spillway locations and sizes, will be considered during the planning phase of the design, but these are not expected to have a significant impact on project costs.

FLOOD INFRASTRUCTURE FUND QUESTIONS

Category 2: Planning, Acquisition, Design, and Construction / Rehabilitation (All Combinations)

General Project Information

1. U.S. Geological Survey Map. Attach a U.S. Geological Survey topographic map at the appropriate scale showing, and clearly labeled, the following components:
 - a. The project area
 - b. All major project infrastructure components or study area (differentiate proposed project elements from existing infrastructure related to the proposed project)
 - c. The Applicant's political boundaries
 - d. The affected watershed(s)
 - e. The project watershed conforming to [31 TAC §363.408\(b\)\(4\)](#) (i.e. the area upstream and downstream or the drainage basin to be affected by the project).
 - f. Other political entities' boundaries located within the affected project watershed (e. above)

☒ Attached
2. Digital Project Map. Attach a Google Earth compatible KMZ file with the approximate limits of the project boundary.

☒ Attached
3. Digital Project shapefile. Attach an ArcGIS compatible .shp file with the project location. If there are multiple locations, such as in a flood early warning system or local drainage improvements, please show those installations as points or affected area within the .shp file. For larger projects, please include the limits of the project watershed affected by the project, as defined above.

☒ Attached
4. For projects requesting funding for construction, attach the Benefit-Cost Ratio (BCR) of the proposed project in accordance with the [2020 Flood Intended Use Plan](#). Additionally, attach the supporting Benefit-Cost Analysis (BCA) documentation including methodology used, sample calculations, assumptions, input values, depth damage functions, and other information necessary to independently validate and verify the BCR analysis.
 - a. ☐ If the BCR is less than 1.0, attach an explanation of qualitative benefit factors not captured within the quantitative BCR.
5. If the project is a flood control project and the project watershed (i.e. the area upstream and downstream or the drainage basin to be affected by the project) is partially located outside the boundaries of the political subdivision applying for funding, has the applicant submitted an executed Memorandum of Understanding (MOU) relating to the management of the project watershed? The MOU must be approved and signed by all governing bodies of eligible political subdivisions located in the project watershed.
 - a. ☐ Affected project watershed is in part or in whole outside Applicant's boundaries and documentation is attached (Template: [TWDB-0170](#))
 - b. ☐ Affected project basin is wholly within the Applicant's political boundaries.

- c. ☒ Affected basin is in part or in whole outside Applicant's boundaries, but documentation is not attached or not yet executed. The anticipated delivery date of the fully executed documentation is:
November 2021
6. Have the technical requirements for the proposed flood project been completed and compared against any other potential flood projects in the same area, either by the Applicant or another Entity? **If so**, please attach [TWDB-0172](#). **If not**, please attach [TWDB-0173](#) (TWDB-0172 will be required before release of funds for construction). **If no construction** is involved, please attach TWDB-0173 (TWDB-0172 is not needed).
- a. ☒ Yes, Attach Documentation (Flood Application Affidavit TWDB-0172)
- b. ☐ No, Attach Documentation (Flood Application Affidavit TWDB-0173)
7. a. Has the Applicant acted cooperatively with other eligible political subdivisions to address flood control needs in the area?
- ☒ Yes, Attach Documentation (Flood Application Affidavit TWDB-0172 or TWDB-0173)
- ☐ No
- b. Have all the eligible political subdivisions that would be substantially affected by the proposed flood project participated in the project development process? Providing adequate notice and ample opportunity to any such eligible political subdivision that elects not to participate further would fulfill this requirement, provided evidence of notification is included in the application.
- ☒ Yes, Attach Documentation (Flood Application Affidavit TWDB-0172, TWDB-0173, or evidence of adequate notification)
- ☐ No
- c. Have these political subdivisions held public meetings (separately or cooperatively) to accept comments on the proposed flood project from interested parties?
- ☐ Yes, Attach Documentation (Flood Application Affidavit TWDB-0172 or TWDB-0173)
- ☐ No
8. Have the appropriate authorities for the area to be served by the project adopted and continued to enforce floodplain ordinances or orders equivalent to the minimum National Flood Insurance Program (NFIP) standards* ([TWDB NFIP Portal](#))?
- a. ☒ Yes, attach documentation or provide a link to current Ordinance or Order
- b. ☐ No, but this project fulfills additional requirements for participation in the NFIP. Please attach explanation describing the plan and the timeline for the community to adopt orders or ordinances prior to disbursement of funds, if selected. If the application is to support development of ordinances or orders equivalent to the minimum requirement of the NFIP, then indicate this as a task in the scope of work and provided explanation.
- c. ☐ No
- *Communities that do not participate in the NFIP may not be eligible to receive federal funding***
9. **If the Applicant is not a participating member of the NFIP**, will the proposed project include floodplain mapping that will enable participation?
- a. ☐ Yes
- b. ☐ No
10. In the "Special Flood Hazard Area" to be affected by the project, as defined by the current Flood Insurance Rate Map (FIRM) or best available data, provide the following information:
- a. The estimated population: 4748
- b. Number of bridges and low water crossings: 28 bridges and crossings
- c. Number of residential structures: 578 residential structures
- d. Number of other structures and type (e.g., commercial, industrial, etc.); and

agricultural or other assets: 52 commercial and industrial structures, 41.5 acres of alfalfa, 737.8 acres of cotton, and 68.5 acres of pecan

- e. Area composing dedicated parkland or other public spaces (parks, public recreation areas, wildlife refuges, or historic sites) protected under Chapter 26 of the Parks and Wildlife Code or Section 6(f) of the U.S. Land and Water Conservation Fund Act 7.9 acres
- f. Number, type, and size of hazardous sites as defined in [42 U.S.C. § 9601](#) or otherwise designated by federal, state, or local agencies 11 Automotive structures totaling 37,300 SF

11. Is the proposed project structural, non-structural, or both? Non-structural flood mitigation includes, but is not limited to, measures such as acquisition of floodplain land for use as public open space, acquisition and removal of buildings located in a floodplain, relocation of residents of buildings removed from a floodplain, flood warning systems, educational campaigns, land use planning policies, watershed planning, flood mapping, and acquisition of conservation easements ([31 TAC § 363.402\(7\)](#)).

Check all that apply:

- ☒ Structural ☐ Non-Structural

12. If a flood control project, has the Applicant conducted an analysis of whether the proposed flood project could use floodwater capture techniques for water supply purposes, including floodwater harvesting, detention or retention basins, or other methods of capturing storm flow or unappropriated flood flow?

- ☐ Yes, conducted analysis and project could use floodwater capture techniques
- ☒ Yes, conducted analysis and project could not use floodwater capture techniques
- ☐ N/A, please explain [Click or tap here to enter text.](#)

13. Does the proposed project include redundant funding for activities already performed and/or funded through another source?

- a. ☐ Yes, please explain: [Click or tap here to enter text.](#)
- b. ☒ No

14. Is the proposed project, in part or in whole, part of an existing application or funded award to an alternate funding program (ex. CWSRF, CDBG, HMGP, etc.)?

- a. ☐ Yes, please explain: [Click or tap here to enter text.](#)
- b. ☒ No

15. Is the proposed project, in part or in whole, functionally dependent on a project funded through an alternate funding program (ex. CWSRF, CDBG, HMGP, etc.) or performed with a state or federal agency (ex. TxDOT, USACE, etc.)?

- a. ☒ Yes, please explain: [Click or tap here to enter text.](#)
- b. ☐ No

16. Is a project funded through an alternate funding program (ex. CWSRF, CDBG, HMGP, etc.) or performed with a state or federal agency (ex. TxDOT, USACE, etc.), in part or in whole, functionally dependent on the proposed project?

- a. ☐ Yes, please explain: [Click or tap here to enter text.](#)
- b. ☒ No

17. Attach a Project Schedule that includes:

- a. estimated date to submit environmental planning documents;
- b. estimated date of environmental finding issued by TWDB staff;
- c. estimated date to submit engineering planning documents;
- d. estimated date for approval of engineering planning documents by TWDB staff;
- e. estimated date for completion of design;
- f. estimated Construction start date for first contract; and
- g. estimated Construction end date for last contract.

h. ☐ Attached ☐ N/A, please explain: [Click or tap here to enter text.](#)

18. Applicants Consultants. Please attach copies of all draft and/or executed contracts for consultant services to be used by the Applicant. If there are any significant scope components that the Applicant will be handling in-house, please attach a brief description of those services.

☒ Attached

19. Annual Audit and Management Letter. Attach ONE copy of the preceding fiscal year's Annual Audit and management letter prepared and certified by a Certified Public Accountant or Firm of Accountants.

☒ Attached

Legal Information

20. Legal Documents:

- a. Resolution. Attach the resolution from the governing body requesting financial assistance. ([TWDB-0201A](#))

☐ Attached

- b. Application Affidavit. Attach the Application Affidavit. ([TWDB-0201](#))

☐ Attached

- c. Certificate of Secretary. Attach the Certificate of Secretary. ([TWDB-0201B](#))

☐ Attached

21. Enforcement Actions. Has the Applicant been the subject of any enforcement action by the Texas Commission on Environmental Quality (TCEQ), the Environmental Protection Agency (EPA), or any other entity within the past three years? If yes, attach a brief description of every enforcement action within the past three years and action(s) to address requirements.

☐ Yes (Attached)

☒ No

22. Ownership Interests of the Project. Attach a breakdown of ownership interests, an allocation of project costs, and an explanation of the allocation of liability.

☐ Ownership Breakdown Attached (Required if not 100%)

☒ Applicant has 100% ownership interest

23. Stormwater Management Agreements. Is the project intended to allow the Applicant to discharge or receive stormwater to or from another entity? If yes, the Applicant must attach, at a minimum, the proposed draft agreement, contract, or other documentation establishing the stormwater management relationship, with the final and binding agreements provided prior to loan closing.

☐ Yes (Attachment Required) ☒ No

Engineering/Environmental Information

24. Engineering Feasibility Report.

- a. If the project includes funding for planning, acquisition, or design, please attach a complete Preliminary Engineering Feasibility Report (PEFR) signed and sealed by a licensed professional engineer. A PEFR must address the items listed in the respective PEFR program guidance, including, but not limited to:
- a description of the purpose and need of the project, including existing facilities (FIF projects must address issues scored in the Intended Use Plan submittal) AND
 - a description of alternatives the Applicant has considered (or to be considered during detailed planning) and reasons for the selection of the project proposed

☐ Attached

- b. If the project is for Construction only, then attach the appropriate Engineering Feasibility Report:

☐ Attached - Stormwater: [TWDB-0554](#)

- c. Total Population Affected by the Project. Provide the total population to be impacted by the proposed project: [Click or tap here to enter text.](#)

25. Project Cost Estimate. A project cost estimate is required for FIF financial assistance. Attach the most current itemized project cost estimate, utilizing the [TWDB Budget Form TWDB-1201](#). Include all costs and funding sources. If applying for pre-construction costs only (i.e., Planning, Acquisition, Design), then itemize only the relevant portions in the attached budget template. Include costs for bank escrow accounts.

☐ Attached (Note – loan component must be rounded up to the nearest \$1,000)

26. Water Supply Benefit. If the project includes a water supply benefit, please indicate the following information regarding new supply, new reuse supply, new conservation savings, or increased infiltration capacity or rate.

☒ N/A – no water supply benefit

	Acre-Feet/Year	Capital Cost (\$)
New Supply		\$
<i>Increase in the total annual volume of water supply.</i>		
New Reuse Supply		\$
<i>Increase in the annual volume of (direct or indirect) reuse water supply.</i>		
New Conservation Savings		\$
<i>Annual volume of anticipated water savings.</i>		
Maintenance of Current Supply		\$
<i>Volume of current supplies that will be maintained.</i>		

27. Please identify the specific water user group(s) with an identified and quantifiable water supply need that would receive a water supply benefit from this project. N/A

28. Stormwater Permit for Municipal Separate Storm Sewer Systems (MS4s). Does your project alter the discharge from a MS4?

☒ No ☐ N/A [Click to enter why it is not applicable.](#)

☐ Yes - If yes, please attach evidence that an application for a new stormwater permit or amendment to an existing permit related to proposed project has been filed with the TCEQ. Final permit authorization must be obtained from the TCEQ before funds can be released for construction activities.

a. ☐ Attached ☐ Not Attached; provide an explanation why not: [Click or tap here to enter text.](#)

29. Property Water Rights and Permits. If the project will result in: (a) an increase by the Applicant in the use of groundwater, (b) drilling a new water well, or (c) an increase by the Applicant in use of surface water, then the Applicant must demonstrate that it has acquired – by contract, ownership, or lease – the necessary property water rights, groundwater permits, and/or surface water rights sufficient for the project before funds can be released for construction.

a. ☒ N/A – No to (a), (b), and (c) above

b. ☐ Yes to (a), (b), or and (c) above and the Applicant currently owns all the property water rights, groundwater permits, and surface water rights needed for this project.

If yes, must attach the completed appropriate form(s):

☐ Attached - Surface Water ([WRD-208A](#))

☐ Attached - Groundwater ([TWDB-208B](#))

c. Yes to (a), (b), or (c) above but all property water rights, groundwater permits, and surface water rights needed for this project have not yet been acquired. Identify in the table below the rights and/or permits that will need to be acquired and provide the anticipated date by which the Applicant expects to have acquired such rights and/or permits:

Type of Water Permit or Right	Entity from Which the Permit or Right Must Be Acquired	Acquired by Lease or Full Ownership	Expected Acquisition Date	Permit/Water Right I.D. No.

30. Water Well Permits. If the project will result in drilling a new well for aquifer storage or recharge, the Applicant must demonstrate that it has acquired all necessary permits.
- ☒ N/A
 - ☐ Applicant has already acquired all necessary permits. Permitting entity and ID No: [Click or tap here to enter text.](#)
 - ☐ All permits needed for this project have not yet been acquired. Identify in table below the permits that will need to be acquired and provide the anticipated date by which the applicant expects to have acquired such permits:

<u>Type of Water Permit</u>	<u>Entity from Which the Permit Must Be Acquired</u>	<u>Acquired by Lease or Full Ownership</u>	<u>Expected Acquisition Date</u>	<u>Permit I.D. No.</u>

31. Decrease in Stormwater Runoff. Will the project result in a decrease in the volume of stormwater runoff contributed to a surface water source?
- ☐ Yes, please explain: [Click or tap here to enter text.](#)
 - ☒ No

32. Other Engineering Permits. List any major permits not identified elsewhere that are necessary for the completion of the project. Also, list any other necessary minor permits that may involve particular difficulty due to the nature of the proposed project (e.g., railroad crossings, TxDOT permits).

<u>Engineering Permit</u>	<u>Issuing Entity</u>	<u>Permit Acquired (Y/N)</u>
Floodplain Development Permit	El Paso County	
Dam Safety Permit	Texas Commission on Environmental Quality	

33. Site Certificate – Evidence of Land Ownership. Please complete and attach the Site Certificate (ED-101), documenting all necessary land and easements for the project.

☒ Attached (Required)

☐ N/A Project is Planning Study Only

34. Land acquisition. For projects requiring acquisition of land including easements:

- Number of parcels and their sizes S53300000500600, 21.6 Acres : S53300000500500, 18.9 Acres : S53300000500200, 56.7 Acres : S53300000500100, 17.8 Acres : X31600000000001, 27.6 Acres
- Provide a narrative of the proposed land acquisition including source of funds, funding amount, and status of funding. Please state if proposed acquisition is through condemnation [Click or tap here to enter text.](#)
- Has a Phase I Environmental Site Assessment (consistent with 42 U.S.C. §9601, §9604, and other regulations, including assessment of substances defined in 21 U.S.C. §802) been conducted throughout the proposed acquisition area? No
- Have recognized environmental conditions been identified within the proposed acquisition area? No
- If recognized environmental conditions have been identified, how and when will they be addressed or mitigated? No

35. Water Use Survey. For Applicants that provide retail water services: Has the Applicant already submitted to the TWDB the annual Water Use Survey of groundwater and surface water for the last THREE years? If the Applicant has not completed these, please download survey forms and attach a copy of the completed water use surveys to the application. (<http://www.twdb.texas.gov/waterplanning/waterusesurvey/index.asp>.)

☐ Yes, already submitted ☒ No (WUS(s) attached) ☐ N/A – No retail water service

36. Water Loss Audit. For Applicants that are a retail public utility that provide potable water: Has the Applicant already submitted the most recently required water loss audit to the TWDB? If no, and if applying for a water supply project, please complete the online TWDB Water Audit worksheet and attach a copy to the application. (<http://www.twdb.texas.gov/conservation/resources/waterloss-resources.asp>)

☐ Yes, already submitted ☒ No (WLA(s) attached) ☐ N/A – No retail water service

37. Additional Environmental Permits, Registrations, Licenses, Authorizations. Please list any environmental permits, registrations, licenses, or authorizations necessary for the project and the status of each (e.g., Endangered Species Act Section 10(a)(1)(B) incidental take permit, Clean Water Act Section 404 Individual Permit, USACE Nationwide Permit, or Rivers and Harbors Act Section 10 Permit).

<u>Permit</u>	<u>Issuing Entity</u>	<u>Permit Acquired (Y/N)</u>

Comments: N/A

38. Environmental Finding. Has a Categorical Exclusion (CE), Determination of No Effect (DNE), Finding of No Significant Impact (FONSI), Environmental Determination (ED), Record of Decision (ROD), or any other environmental finding been issued for this project by the TWDB or another agency? If yes, please attach a copy of the determination.

☐ Yes (Attached) ☒ No environmental finding previously issued

39. Categorical Exclusion/Determination of No Effect. If the project is potentially eligible for a CE/DNE, please attach the CE/DNE Request Form (<https://www.twdb.texas.gov/financial/instructions/doc/TWDB-0803.pdf>)

☐ CE/DNE Request Form Attached
☒ Project Not Eligible for CE/DNE

40. Social or Environmental Issues. Attach a discussion of any known permitting, social, or environmental issues that may affect the evaluation of project alternatives or implementation of the proposed project; e.g., these could include rate increases, potential impacts to known cultural resources, potential impacts to waters of the U.S. or to protected species, etc.

☒ Attached (Required)

DEBT COMPONENT QUESTIONS – APPLICANTS NOT SEEKING DEBT FINANCING **DO NOT** NEED TO ANSWER THE QUESTIONS BELOW

ALL DEBT FINANCING WITH A TERM LONGER THAN 12 MONTHS MUST BE VIA REGISTERED SECURITIES, SUCH AS BONDS (TAX AND/OR REVENUE), TAX NOTES, OR CERTIFICATES OF OBLIGATION. LOAN AGREEMENTS CAN ONLY BE USED FOR DEBT WITH A TERM OF 12 MONTHS OR LESS.

Legal Information

41. Pledge. What type of pledge will be used to repay the proposed debt?
- ☐ Systems Revenue ☒ Taxes ☐ Combination of System Revenues & Taxes
- ☐ Contract Revenue ☐ Other (Explain): [Click or tap here to enter text.](#)
- a. If pledge includes revenues, please specify. [Click or tap here to enter text.](#)
- b. If pledge includes revenues, please specify the lien level. [Click or tap here to enter text.](#)
42. Tax Status. Indicate the tax status of the proposed loan.
- ☒ Tax-Exempt ☐ Taxable ☐ N/A
43. Does the Applicant have current authority to issue debt? If no, please provide date of when authority is expected.
- ☒ Yes ☐ No [Click to enter a date.](#)
44. Proposed Debt Issue. Provide the full legal name of the security for the proposed debt issue(s).
- Ex. \$2,000,000 City of Example, Texas Combination Tax & Surplus Revenue Certificates of Obligation, Proposed Taxable Series 2021
Interest & Sinking ad-valorem tax proceeds
45. Parity of Debt. Is the applicant proposing to issue Certificates of Obligation or bonds on parity with outstanding obligations?
- ☐ Yes ☒ No
- If yes:
- a. Please describe any reserve requirements and additional debt requirements: [Click or tap here to enter text.](#)
- b. Attach the most recent resolution ordinance authorizing the outstanding parity debt.
- ☐ Attached
46. Rate Covenants. Describe any existing rate covenants: [See Attachment](#)

Financial Information – IF PROPOSED GENERAL OBLIGATION BONDS NOT SUPPORTED BY REVENUES, DO NOT FILL OUT QUESTIONS #47-53 AND SKIP TO QUESTION #54

47. Utilities Provided. Indicate the services the Applicant provides its customers. Check all that apply.

- ☐ Regional/Wholesale Water Services
 ☒ Retail Water
 ☒ Wastewater
☐ Storm water/Drainage
 ☐ None of these

48. Current Average Residential Usage and Rate Information. Should tie to Financial Advisor's proforma.

<u>Service</u>	<u>Date of Last Rate Increase</u>	<u>Avg. Monthly Usage (Gal)</u>	<u>Avg. Monthly Bill (\$)</u>	<u>Avg. Monthly Increase Per Customer (\$) at Last Rate Increase</u>	<u>Projected Monthly Increase Necessary to Repay Loan (\$)</u>
Water	June 2018	10,893	\$ 59.72	\$ 6.49	\$ Upon Review
Wastewater	June 2017	5,751	\$ 40.63	\$ NA	\$ Upon Review
Drainage		N/A	\$	\$	\$

Comments: [Click or tap here to enter text.](#)

49. Authorized Rates/Fees/Charges Schedules. Please attach a schedule of current water, wastewater, and/or storm/drainage rates or fees (whichever is applicable) and the proposed rates/fees needed to finance the project and ongoing maintenance and operation (include the tentative schedule for the necessary proposed rate/fee increase).

- ☒ Attached

50. Collection Procedures. Please describe the procedures for collecting customer's monthly bills, including penalties for delinquent accounts and the standard procedures in place to remedy these accounts. El Paso Water Utility collects from County customers on behalf of the Count of El Paso. The County follows PSB rules and regulations. Payment of the monthly service charges is due 14 days after the date of billing. A termination notice will be generated on the 15th day, allowing an additional 7 days from the billing due date. Services will be scheduled for disconnection the following work day unless the billed amount has been paid.

- ☐ N/A

51. Number of Connections. Provide the number of active connections for each of the past FIVE years.

- ☐ N/A - Water and Sewer Not Applicable to Project or Funding

- a. WATER ☐ N/A - No water service provided by applicant

<u>Year</u>	<u>Number of Active Connections</u>
2020	
2019	2218
2018	2185
2017	2173
2016	2150

- b. WASTEWATER ☒ N/A - No wastewater service provided by applicant

<u>Year</u>	<u>Number of Active Connections</u>
2019	264

52. Customer Usage. List the top TEN customers of the water/wastewater system by annual usage in gallons and percentage total use.

☐ N/A – Water and Sewer Not Applicable to Project or Funding

a. WATER

☐ N/A - No water service provided by applicant

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Percent of Usage</u>
CISD-East Montana Middle School	24,029,000	9.06 %
Lujan Trucking	11,702,000	4.41 %
Desert Oasis Mobile Home Park	11,471,000	4.32 %
CISD-Central	9,828,624	3.70 %
Vista Montana Mobile Home Park	6,480,000	2.44 %
CISD-Mountain View	4,990,000	1.88 %
Larry Lightbourn	4,836,000	1.82 %
CISD-Montana Vista Elementary	4,444,000	1.67 %
Tropicana Building II LLC	1,332,271	0.50 %
CISD-East Montana Middle School	1,073,000	0.40 %

Comments: [Click or tap here to enter text.](#)

b. WASTEWATER

☒ N/A - No wastewater service provided by applicant

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Percent of Usage</u>
		%
		%
		%
		%
		%
		%
		%
		%
		%
		%

Comments: [Click or tap here to enter text.](#)

53. Customer Annual Revenue. List the top TEN customers of the water and/or wastewater system by annual revenue with corresponding usage and percentage total use.

☐ N/A

a. WATER

☐ N/A - No water service provided by applicant

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Annual Revenue</u>	<u>Percent Total Water Revenue</u>
CISD-East Montana Middle School	24,029,000	\$ 139,513	8.21 %
Lujan Trucking	11,702,000	\$ 67,924	4.00 %
Desert Oasis Mobile Home Park	11,471,000	\$ 66,583	3.92 %
CISD-Central	9,828,624	\$ 57,058	3.36 %
Vista Montana Mobile Home Park	6,480,000	\$ 37,597	2.21 %
CISD-Mountain View	4,990,000	\$ 28,944	1.70 %
Larry Lightbourn	4,836,000	\$ 28,050	1.65 %
CISD-Montana Vista Elementary	4,444,000	\$ 25,773	1.52 %
Tropicana Building II LLC	1,332,271	\$ 7,712	0.45 %
CISD-East Middle School	1,073,000	\$ 6,196	0.36 %

Comments: [Click or tap here to enter text.](#)

b. WASTEWATER

☒ N/A - No wastewater service provided by applicant

<u>Customer Name</u>	<u>Annual Usage (Gal)</u>	<u>Annual Revenue</u>	<u>Percent Total Wastewater Revenue</u>
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%
		\$	%

Comments: [Click or tap here to enter text.](#)

54. Wholesale Contracts. Provide a summary of the wholesale contracts with customers.

☒ N/A - No wholesale water service provided by applicant

<u>Contract Type</u>	<u>Minimum Annual Amount</u>	<u>Usage Fee per 1,000 gallons</u>	<u>Annual Operations and Maintenance</u>	<u>Annual Capital Costs</u>	<u>Annual Debt Service</u>	<u>Other</u>	<u>Annual Use for the Most Current Fiscal Year End</u>	<u>Annual Revenue for the Most Current Fiscal Year End</u>
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$
	\$	\$	\$	\$	\$	\$		\$

Comments: [Click or tap here to enter text.](#)

55. Taxing Authority. Does the applicant have taxing authority?

☒ Yes

☐ No

56. Maximum Tax Rate. Provide the maximum tax rate permitted by law per \$100 of property value.

\$ 0.80

☐ N/A

57. Principal Employers. Please list the TEN largest employers of the applicant's service area:

<u>Name</u>	<u>Number of Employees</u>
El Paso ISD	9,031
Ysleta ISD	8,767
Sierra Providence/Tenet	6,587
City of El Paso	6,229
Fort Bliss Civilian Employees	6,006
Socorro ISD	5,433
T&T Staff Management	4,876
University of Texas At El Paso	4,365
County of El Paso	3,976
El Paso Community College	2,997

Comments (example: any anticipated changes to the tax base, employers etc.): [Click or tap here to enter text.](#)

58. Bond Ratings. Provide any current bond ratings with date received and attach corresponding rating reports. If any are not applicable, enter "N/A".

	<u>Standard & Poor's</u>	<u>Date Received</u>	<u>Moody's</u>	<u>Date Received</u>	<u>Fitch</u>	<u>Date Received</u>
G.O.	AA	1/9/2015	Aa2	10/13/2020	AA	9/27/2019
Revenue		n/a		n/a		n/a

☒ Attached

59. Overlapping Debt and Tax Rate Table. Attach the direct and overlapping debt and tax rate table.

☐ Attached ☐ N/A

60. Taxable Assessed Valuation. In the table below, please provide the last FIVE years of data showing total taxable assessed valuation including net ad valorem taxes levies, corresponding tax rate (detailing debt service and general purposes), and tax collection rate.

☐ No direct tax assessed ☐ N/A

<u>Fiscal Year Ending</u>	<u>Net Taxable Assessed Value (\$)</u>	<u>Tax Rate</u>	<u>Maintenance & Operating Rate</u>	<u>Interest & Sinking Rate</u>	<u>Tax Levy (\$)</u>	<u>Percentage Current Collections</u>	<u>Percentage Total Collections</u>
2019	\$44,117,032,263	.489	.444645	.044352	\$188,446	98.05	98.24
2018	\$42,536,154,999	.448	.405971	.041848	\$180,328	97.87	98.21
2017	\$40,302,034,102	.453	.404746	.047948	\$176,880	97.76	98.19
2016	\$39,444,437,634	.453	.404746	.047948	\$172,854	97.76	98.28
2015	\$38,444,437,634	.453	.401819	.050875	\$168,274	97.10	98.23

Comments: Additional information attached

61. Tax Assessed Values by Classification. Please attach the last FIVE years of tax assessed values delineated by Classification (Residential, Commercial, and Industrial).

☒ Attached ☐ No direct tax assessed ☐ N/A

62. Top Ten Taxpayers – Assessed Valuation. Please provide the current top TEN taxpayers showing percentage of ownership to total assessed valuation. Explain anticipated impacts in the Comments blank, below. If any of these have changed in the past three years, please provide information on the changes to the top ten.

☐ No direct tax assessed

<u>Taxpayer Name</u>	<u>Assessed Value</u>	<u>Percent of Total</u>
El Paso Electric Co	\$644,985,632	1.40
Western Refining Company L.P.	\$484,075,599	1.05
Wal-Mart Stores Texas LLC	\$293,545,542	0.64
Sierra Providence Physical Rehab Hospital	\$213,203,890	0.46
River Oaks Properties LTD	\$208,931,947	0.45
Texas Gas Service	\$153,108,200	0.33
Union Pacific Railroad Co	\$137,658,618	0.30
Simon Property Group	\$121,129,507	0.26
Hawkins and I-10 Acquisition Company	\$97,029,512	0.21
Tenet Hospitals Limited	\$89,709,204	0.19

Comments: In Thousands

63. Sales Tax. Does the applicant collect sales tax?

☐ No

☒ Yes. If yes, provide the sales tax collection history for the past FIVE years:

<u>Fiscal Year Ending</u>	<u>Total Collections</u>
2020	\$53.1 M
2019	\$50.7 M
2018	\$48.4 M
2017	\$45.9 M
2016	\$44.5 m

64. Five-Year Comparative System Operating Statement. Please attach:

☒ a five-year comparative statement including audited prior years, and

☐ unaudited year-to-date statement of the following: Operating Statement (not condensed), Balance Sheet, Statement of Cash Flows

65. Proforma / Loan Amortization Schedule. Please select one of the repayment methods from the options below. The proforma should indicate all the information listed under the selection for all years that the debt will be outstanding. Please be sure the proforma shows level debt service and payments are shown in \$1,000 or \$5,000 increments.

☐ System Revenues (Attached)

☐ Projected Gross Revenues

☐ Operating and Maintenance Expenditures

☐ Outstanding and Proposed Debt Service Requirements

☐ Net Revenues Available for Debt Service and Coverage of Current and Proposed Debt Paid from Revenues

☒ Taxes (Attached)

☐ Outstanding and Proposed Debt Service Requirements

☐ Tax Rate Necessary to Repay Current and Proposed Debt Paid from Taxes

☐ List the Assumed Collection Rate and Tax Base Used to Prepare the Schedule

☐ Combination of System Revenues and Taxes (Attached)

☐ Projected Gross Revenues

☐ Operating and Maintenance Expenditures

☐ Net Revenues available for debt service

☐ Outstanding and Proposed Debt Service Requirements

☐ Tax Rate Necessary to Repay Current and Proposed Debt Paid from Taxes

☐ List the Assumed Collection Rate and Tax Base Used to Prepare the Schedule

☐ Contract Revenues (Attached)

☐ Participant's Projected Gross Revenues

☐ Participant's Operating and Maintenance Expenditures

☐ Outstanding and Proposed Debt Service Requirements

- ☐ Net Revenues Available for Debt Service and Coverage of Current and Proposed Debt Paid from Revenues
- ☐ Other (Attached)
 - ☐ Projected Gross Revenues
 - ☐ Annual Expenditures
 - ☐ Outstanding and Proposed Debt Service Requirements
 - ☐ Revenues Available for Debt Service

66. Outstanding Debt. Does the applicant have any outstanding debt? Check all that apply and attach a list of total outstanding debt and identify the debt holder. Segregate by type (General Obligation or Revenue) and present a consolidated schedule for each, showing total annual requirements. Note any authorized but unissued debt.

- ☒ General Obligation Debt (Attached)
- ☒ Revenue (Attached)
- ☐ Authorized but Unissued Debt (Attached)
- ☒ Other Debt (Attached)
- ☐ None

67. Repayment Issues. Disclose all issues that may affect the project or the applicant's ability to issue and/or repay debt (such as anticipated lawsuits, judgements, bankruptcies, major customer closings. etc.).

[Click or tap here to enter text.](#)

68. Default Debt. Has the applicant ever defaulted on any debt? If yes, disclose all circumstances surrounding prior default(s).

☒ No

☐ Yes, explain: [Click or tap here to enter text.](#)

ATTACHMENT CHECKLIST

ATTACHED

N/A

ATTACHMENT DESCRIPTION

☐

ATTACHMENT CHECKLIST

<u>ATTACHED</u>	<u>N/A</u>	<u>ATTACHMENT DESCRIPTION</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 25 - Project Budget and Explanation of Funds
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 1 - Map showing project location and delineation of project watershed
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Explanation of BCR <1.0
<input type="checkbox"/>	<input type="checkbox"/>	Memorandum of Understanding (MOU) (Template TWDB-0170)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 8 - National Flood Insurance Program (NFIP)
<input type="checkbox"/>	<input type="checkbox"/>	Flood Application Affidavit (TWDB-0172 or TWDB-0173)
<input type="checkbox"/>	<input type="checkbox"/>	Evidence of Adequate Notification for purposes of question #7b
<input type="checkbox"/>	<input type="checkbox"/>	Resolution (TWDB-0201A)
<input type="checkbox"/>	<input type="checkbox"/>	Application Affidavit (TWDB-0201)
<input type="checkbox"/>	<input type="checkbox"/>	Certificate of Secretary (TWDB-0201B)
<input type="checkbox"/>	<input type="checkbox"/>	Environmental Finding
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Enforcement Actions by TCEQ or EPA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stormwater Management Agreements
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 40 - Social or Environmental Issues
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 4 - Benefit-Cost Ratio required information
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 17 - Project Schedule
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 24 - Preliminary Engineering Feasibility Report (PEFR)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Engineering Feasibility Report (EFR) – Stormwater (TWDB-0554)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 25 - Project Cost Estimate Budget (TWDB-1201)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Stormwater Permit for Municipal Separate Storm Sewer Systems (MS4s)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Property Water Rights & Permits – Surface Water (WRD-208A); Groundwater (TWDB-208B)
<input type="checkbox"/>	<input type="checkbox"/>	Site Certificate – Evidence of Land Ownership (ED-101)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 35 - Water Use Survey
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 36 - Water Loss Audit
<input type="checkbox"/>	<input checked="" type="checkbox"/>	List of entities receiving the proposed MOU and project description
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Phase I Environmental Site Assessment and additional assessments and mitigation reports as warranted

<u>ATTACHED</u>	<u>N/A</u>	<u>LOAN COMPONENT ATTACHMENT DESCRIPTION</u>
<input type="checkbox"/>	<input type="checkbox"/>	The most recent resolution or ordinance authorizing outstanding parity debt
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 49 - Rate Schedule
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 58 - Bond Ratings
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 59 - Overlapping Debt and Tax Rate Table
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 61 - Tax Assessed Values by Classification
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 19 - Annual Audit & Management Letter
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 64 - Five Year Comparative Operating Statement
<input type="checkbox"/>	<input type="checkbox"/>	Proforma/Amortization Schedule

<u>ATTACHED</u>	<u>N/A</u>	<u>MISCELANEOUS ATTACHMENT DESCRIPTION</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 60 – Taxable Assessed Valuation
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 46 – Rate Covenant
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 1 - Maps
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 2 – Digital Map File (.kmz)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	FIF 3 – Project Shapefile
<input type="checkbox"/>	<input type="checkbox"/>	Placeholder
<input type="checkbox"/>	<input type="checkbox"/>	Placeholder
<input type="checkbox"/>	<input type="checkbox"/>	Placeholder