



**NORTH TEXAS MUNICIPAL
WATER DISTRICT**

Regional Service Through Unity

July 9, 2015

Mr. Luis Farias
Texas Water Development Board
Water Supply and Infrastructure-Regional Water Planning and Development
1700 N. Congress Avenue 5th Floor
Austin, Texas 78701

RE: SWIFT Funding Combined Application

Dear Mr. Farias:

Per your July 6, 2015 email request, enclosed is the combined SWIFT Application without the previous attachments. This application combines the SWIFT Application for a portion of the Facility Improvements project and the SWIFT Application for a portion of the Lower Bois d'Arc Creek Reservoir project, each submitted on June 4, 2015. Please contact me at 972-442-5405 or via email efelhous@ntmwd.com at any time if you need further information.

Sincerely,

Erik Felthous
Finance Manager

Enclosures

Texas Water Development Board

P.O. Box 13231, Austin, Texas 78711-3231

APPLICATION FOR FINANCIAL ASSISTANCE FOR WATER AND WASTEWATER INFRASTRUCTURE PROJECTS

This application is comprehensive, covering all loan and grant assistance applications for water and wastewater infrastructure financing through the various Texas Water Development Board (TWDB) programs. The format of the application is intended to expedite the review process for both the applicant and TWDB staff. This application can be used by political subdivisions, including water supply corporations.

Please submit one double-sided original and one indexed, electronic copy, via electronic storage media such as CD or flash drive using MS Word, Excel and/or Adobe Acrobat.

Please submit your application to:

Texas Water Development Board
Water Supply and Infrastructure-Regional Water Planning and Development
P O Box 13231
1700 N. Congress Avenue, 5th Floor
Austin, Texas 78711-3231
(78701 for courier deliveries)

A complete application consists of all of the applicable information and forms requested in this document. When preparing this application please review the Application and all Guidance and Forms, listed at the end.

For more information, please contact your Regional Project Implementation Team at:

http://www.twdb.texas.gov/financial/programs/swift/regional_project_teams.asp

Thank you.

TWDB Use Only

Name of Applicant: _____

Date application received: _____

Date administratively complete: _____

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Contents

Part A: General Information..... 3
Part B: Legal Information..... 7
Part C: Financial Information 10
Part D: Project Information 17
Part E: State Water Implementation Fund for Texas (SWIFT) Applicants Only:..... 23
Part F: Economically Distressed Programs (EDAP) Applicants Only: 24
Part G: CWSRF/DWSRF Applicants Only 25
Part H: Documentation of "Green" Projects and Project Components..... 28
Part I: Summary of attachments to application 29
Part J: Guidance and Forms..... 31

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part A: General Information

1. The legal authority under which the applicant was created and operates.
 - a) TYPE A GENERAL-LAW MUNICIPALITY (Texas Local Gov't Code Sec. 5.001)
 - b) TYPE B GENERAL-LAW MUNICIPALITY (Texas Local Gov't Code Sec. 5.002)
 - c) TYPE C GENERAL-LAW MUNICIPALITY (Texas Local Gov't Code Sec. 5.003)
 - d) HOME-RULE MUNICIPALITY (Texas Local Gov't Code Sec. 5.004)
 - e) SPECIAL-LAW MUNICIPALITY (Texas Local Gov't Code Sec. 5.005)
 - f) NONPROFIT ORGANIZATION (Business Organization Code Chapter 22)
 - g) NONPROFIT WATER SUPPLY OR SEWER SERVICE CORP. (Texas Water Code Chapter 67)
 - h) ALL DISTRICTS (Texas Water Code Chapter 49)
 - i) OTHER (attach)

2. Applicant Name and Contact Information:

Name:	North Texas Municipal Water District
County:	Collin
Physical Address:	505 E. Brown Street, Wylie, TX 75098
Mailing Address:	PO Box 2408, Wylie, TX 75098
Phone:	972-442-5405
Fax:	972-295-6441
Website:	www.ntmwd.com

3. Brief description of the project Mitigation and Roads Relocation for the Lower Bois d'Arc Creek Reservoir Project and Property for the Treated Water Pipeline for the Lower Bois d'Arc Creek Reservoir Project.

4. Applicant's Officers and Members:

Name	Office Held
Tom Kula	Executive Director/General Manager
Judd Sanderson	Deputy Director (Finance & Personnel)
Joe Stankiewicz	Deputy Director (Engineering & CIP)
Mike Rickman	Deputy Director (Operations & Maintenance)

5. Applicant's **primary contact person** for day-to-day project implementation.

Name:	Erik Felthous
Title:	Finance Manager
Address:	505 E. Brown Street, Wylie, TX 75098
Phone:	972-442-5405
Fax:	972-295-6441
Email:	efelthous@ntmwd.com

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

6. Applicant's Consultants (Attach copies of all draft and/or executed contracts for consultant services to be used by the Applicant in applying for financial assistance or constructing the proposed project.):

a) Applicant Engineer N/A

Firm Name:	Freese & Nichols, Inc. - Mitigation
Contact:	Brian Coltharp
Address:	1701 N. Market Street, Suite 500, Dallas, Texas 75202
Phone:	214-217-2268
Fax:	214-920-2565
Email:	bcc@freese.com

Firm Name:	Bridgefarmer - FM 897 Road
Contact:	Jim Langston
Address:	12801 N. Central Expressway, #400, Dallas, Texas 75243
Phone:	855-222-4845
Fax:	
Email:	Langston@bridgefarmer.com

Firm Name:	To Be Determined - County Roads
Contact:	To Be Determined - Property for Treated Water Pipeline
Address:	
Phone:	
Fax:	
Email:	

b) Bond Counsel N/A

Firm Name:	McCall, Parkhurst & Horton, L.L.P.
Contact:	Alan Raynor
Address:	717 N. Harwood, 9 th Floor, Dallas, TX 75201-6514
Phone:	214-220-2800
Fax:	214-754-9250
Email:	araynor@mphlegal.com

c) Financial Advisor N/A

Firm Name:	First Southwest Company
Contact:	David Medanich
Address:	777 Main Street, Suite 1200, Ft. Worth, TX 76102-5351
Phone:	817-332-9710
Fax:	817-336-5572
Email:	david.medanich@firstsw.com

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

d) Certified Public Accountant (or other appropriate rep) N/A

Firm Name:	Weaver & Tidwell, L.L.P.
Contact:	Shawn Parker
Address:	12221 Merit Drive, Suite 1400, Dallas, TX 75251-2280
Phone:	972-490-1970
Fax:	972-702-8321
Email:	Shawn.parker@weaverllp.com

e) Legal Counsel (if other than Bond Counsel) N/A

Firm Name:	Gay, McCall, Isaacks, Gordon & Roberts, P.C.
Contact:	Lewis Isaacks
Address:	777 East 15 th Street, Plano, TX 75074-5797
Phone:	972-424-8501
Fax:	972-424-5619
Email:	LIsaacks@ntexas-attorneys.com

f) Any other consultant representing the Applicant before the Board N/A

Firm Name:	
Contact:	
Address:	
Phone:	
Fax:	
Email:	

7. List the counties within the Applicant's service area. Collin, Hunt, Rockwall, Dallas, Kaufman, Ellis, Rains, Fannin, Denton
8. Identify the Applicant's total service area population: Over 1.6M
9. Applicant is requesting funding from which programs? Check all that apply.

	PROGRAM	AMOUNT REQUESTED
a) <input type="checkbox"/>	Drinking Water State Revolving Fund (DWSRF)	\$ _____
b) <input type="checkbox"/>	Clean Water State Revolving Fund (CWSRF)	\$ _____
c) <input type="checkbox"/>	Texas Water Development Fund (DFund)	\$ _____
d) <input type="checkbox"/>	State Participation	\$ _____
e) <input type="checkbox"/>	Rural Water Assistance Fund (RWAF)	\$ _____
f) <input checked="" type="checkbox"/>	State Water Implementation Fund for Texas (SWIFT)	\$ <u>82,105,000</u>
g) <input type="checkbox"/>	Economically Distressed Areas Program (EDAP)	\$ _____
h) <input type="checkbox"/>	If other please explain: _____	\$ _____

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

10. Other Funding Sources: Provide a list of any other funding source(s) being utilized to complete the project, including Applicant's local contribution, if any, or commitments applied for and/or received from any other funding agency for this project or any aspect of this project. **Provide commitment letters if available. Additional funding sources must be included within the Project Budget (TWDB-1201).**

Funding Source	Type of Funds (Loan/Grant)	Amount (\$)	Date Applied for Funding	Anticipated or Funding Secured Date
SWIFT	Loan	82,105,000	06/04/2015	12/17/2015
REV Bond	Loan	119,023,000	TBD	TBD
Cap Imp	Cash	11,977,000	N/A	TBD
Total Funding from All Sources		\$ 213,105,000		

Comments: _____

11. Applicant is requesting funding for which phase(s)? Check all that apply.

- Planning
- Acquisition
- Design
- Construction

12. Is Applicant requesting funding to refinance existing debt?

- Yes If yes, attach a copy of the document securing the debt to be refinanced.
 - Attached document
- No

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part B: Legal Information

13. Cite the legal authority under which the Applicant can issue the proposed debt including the authority to make a proposed pledge of revenues. Chapter 62, Acts of the 52nd Legislature of the State of Texas, Regular Session, as amended
14. What type of pledge will be used to repay the proposed debt?
 Systems Revenue
 Taxes
 Combination of systems revenues and taxes
 Other (Contract Revenue, etc.)
15. Provide the full legal name of the security for the proposed debt issue(s). North Texas Municipal Water District Water System Revenue Bonds, Series 2015A
16. Describe the pledge being offered and any existing rate covenants. Contract Revenues Payable by the Member Cities currently, Allen, Farmersville, Forney, Frisco, Garland, McKinney, Mesquite, Plano, Princeton, Richardson, Rockwall, Royse City and Wylie. Rate Covenant is 1.00 times debt service
17. Attach the resolution from the governing body requesting financial assistance.
TWDB-0201A (<http://www.twdb.texas.gov/financial/instructions/>)
 Attached Resolution
18. Attach the Application Affidavit
TWDB-0201 (<http://www.twdb.texas.gov/financial/instructions/>)
 Attached Applicant Affidavit
19. Attach the Certificate of Secretary
TWDB-201B (<http://www.twdb.texas.gov/financial/instructions/>)
 Attached Certificate of Secretary
20. Is the applicant a Water Supply Corporation (WSC)?
 Yes If yes, attach each of the following:
 Articles of Incorporation
 Certificate of Incorporation from the Texas Secretary of State evidencing that the current Articles of Incorporation are on file with the Secretary
 By-laws and any amendments
 Certificate of Status from the Texas Secretary of State (i.e. Certificate of Existence)
 Certificate of Account Status from the Texas Comptroller of Public Accounts (certifies that the WSC is exempt from the franchise tax and that the WSC is in good standing).
 No
21. Is the applicant proposing to issue revenue bonds?
 Yes If yes, attach copies of the most recent resolution/ordinance(s) authorizing any outstanding parity debt. This is essential to insure outstanding bond covenants are consistent with covenants that might be required for TWDB financing.

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Attached resolution/ordinance(s)

No

22. Does the applicant possess a Certificate of Convenience and Necessity (CCN)?
 Yes If yes, attach a copy of the CCN and service area map showing the areas the applicant is allowed to provide water or wastewater services.

Attached CCN and service area map

No If no, indicate the status of the CCN. _____

N/A

23. 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?

Yes If yes, attach a brief description of every enforcement action within the past three years and action(s) to address requirements.

Attached

No

24. Are any facilities to be constructed or the area to be served within the service area of a municipality or other public utility?

Yes If yes, has the applicant obtained an affidavit stating that the utility does not object to the construction and operation of the services and facilities in its service area?

If yes, attach a copy of the affidavit.

Attached affidavit

If no, provide an explanation as to why not. NTMWD and Bois d'Arc Municipal Water District have executed a Settlement Agreement. Agreement is Attached.

No

25. If the assistance requested is more than \$500,000 a Water Conservation Plan (WCP) is required. The WCP cannot be more than **FIVE** years old and must have been adopted by the applicant. Has the applicant adopted a Board-approved WCP? (Check one and attach requested information, if any.)

Yes Enter date of Applicant's WCP adoption: 02/27/14

No If no, attach a copy of a draft Water Conservation Plan and Drought Contingency Plan prepared in accordance with the TWDB WCP Checklist (<http://www.twdb.state.tx.us/financial/instructions/doc/TWDB-1968.pdf>)

Attached Draft WCP and Drought Contingency Plan

Attached Utility Profile TWDB-1965

<http://www.twdb.state.tx.us/financial/instructions/doc/TWDB-1965.pdf>

N/A (Request is \$500,000 or less per Water Code §§ 15.106(c), 17.125(c), 17.277(c), and 17.857(c))

Note: If the applicant will utilize the project financed by the TWDB to furnish services to another entity that in turn will furnish services to the ultimate consumer, the requirements for the WCP may be met through contractual agreements between the applicant and the other entity providing for establishment of a water conservation plan. The provision

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

requiring a WCP shall be included in the contract at the earliest of: the original execution, renewal or substantial amendment of that contract, or by other appropriate measures.

26. Does the applicant provide retail water services?

- Yes If yes, has the applicant already submitted to the TWDB the annual water use survey of groundwater and surface water for the last **THREE** years?
- Yes
 No If no, 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>
 Attached Water Use Survey
- No

27. Is the applicant a retail public utility that provides potable water?

- Yes If yes, has the applicant already submitted the most recently required water loss audit to the TWDB?
- Yes
 No If no, and if applying for a water supply project, please complete the online TWDB Water Audit worksheet found at <http://www.twdb.texas.gov/conservation/resources/waterloss-resources.asp> and attach a copy to the application.
 Attached TWDB Water Audit worksheet
- No

28. Does the Applicant provide wastewater services?

- Yes
 No

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part C: Financial Information

*Regional or wholesale providers, complete questions 29-31.
Retail providers, complete questions 32-34.*

29. List top **TEN** customers of the system by annual usage in gallons and percentage of total usage, including whether any are in bankruptcy.

Customer Name	Annual Usage (gal)	Percent of Usage	Bankruptcy (Y/N)
Plano	18,020,713,000	22%	N
Garland	10,180,250,000	12%	N
McKinney	9,221,134,000	11%	N
Frisco	8,194,170,000	10%	N
Richardson	7,392,967,000	9%	N
Mesquite	5,143,618,000	6%	N
Allen	4,524,011,000	5%	N
Rockwall	2,453,670,000	3%	N
Rowlett	2,309,904,000	3%	N
Wylie	1,561,188,000	2%	N

Comments: For 2014 Water Year (August 1 through July 31)

30. List the top TEN customers of the system by gross revenues and percent of total revenues, including whether any are in bankruptcy

Customer Name	Annual Revenue(\$)	Percent of Revenue	Bankruptcy (Y/N)
Plano	\$46,051,450	23%	N
Garland	\$24,066,289	12%	N
Richardson	\$18,974,257	10%	N
McKinney	\$18,563,554	9%	N
Frisco	\$17,855,658	9%	N
Mesquite	\$14,097,314	7%	N
Allen	\$10,571,720	5%	N
Rowlett	\$5,731,754	3%	N
Rockwall	\$5,834,003	3%	N
Wylie	\$3,147,438	2%	N

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

31. Provide a summary of the wholesale contracts with customers

Contract Type	Minimum annual amount	Usage fee per 1,000 gallons	Annual Operations and Maintenance	Annual Capital Costs	Annual Debt Service	Other
ATTACHED						

32. List top **TEN** customers of the water and/or wastewater system by annual revenue with corresponding usage and percentage of total use, including whether any are in bankruptcy.

a. **WATER**

Customer Name	Annual Usage (gal)	Percent of Total Water Revenue	Bankruptcy (Y/N)
Plano	18,020,713,000	23%	N
Garland	10,180,250,000	12%	N
Richardson	7,392,967,000	10%	N
McKinney	9,221,134,000	9%	N
Frisco	8,194,170,000	9%	N
Mesquite	5,143,618,000	7%	N
Allen	4,524,011,000	5%	N
Rowlett	2,309,904,000	3%	N
Rockwall	2,453,670,000	3%	N
Wylie	1,561,188,000	2%	N

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

b. WASTEWATER

Customer Name	Annual Usage (gal)	Percent of Total Wastewater Revenue	Bankruptcy (Y/N)
N/A			

33. Current Average Residential Usage and Rate Information

Service	Date of Last Rate Increase	Avg. Monthly Usage (gallons)	Avg. Monthly Bill (\$)	Avg. Monthly Increase Per Customer(\$)	Projected Monthly Increase Necessary (\$)
Water	N/A				
Wastewater					

34. Provide the number of customers for each of the past five years.

Year	Number of Customers
2014	46
2013	46
2012	45
2011	45
2010	45

All applicants complete questions 35-51 of the financial section, as applicable.

35. Disclose all issues that may affect the project or the applicant's ability to issue and/or repay debt (such as anticipated lawsuits, judgments, bankruptcies, major customer closings, etc.).
NONE

36. Has the applicant ever defaulted on any debt?
 Yes If yes, disclose all circumstances surrounding prior default(s). _____
 No

37. Does the applicant have taxing authority?
 Yes
 No

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

38. Provide the last five-years of data showing total taxable assessed valuation including net ad valorem taxes levied, corresponding tax rate (detailing debt service and general purposes), and tax collection rate.

Fiscal Year Ending	Net Taxable Assessed Value (\$)	Tax Rate	General Fund	Interest & Sinking Fund	Tax Levy \$	Percentage Current Collections	Percentage Total Collections
20							
20							
20							
20							
20							

Comments: N/A

39. Attach the last five-years of tax assessed values delineated by Classification (Residential, Commercial and Industrial). **If applicant does not have taxing authority, provide the assessed values of the county.**

- a) 2014 attached
- b) 2013 attached
- c) 2012 attached
- d) 2011 attached
- e) 2010 attached

40. Attach the direct and overlapping tax rate table:
 Attached tax rate table

41. Provide the current top **TEN** taxpayers showing percentage of ownership to total assessed valuation. State if any are in bankruptcy and explain anticipated prospective 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.

Taxpayer Name	Assessed Value	Percent of Total	Bankruptcy (Y/N)

Comments: N/A

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

42. Provide the maximum tax rate permitted by law per \$100 of property value. N/A

43. Does the applicant collect sales tax?
 Yes Provide the sales tax collection history for the past five years.

Fiscal Year Ending	Total Collections
20	
20	
20	
20	
20	

No

44. Indicate the tax status of the proposed loan?

Tax-Exempt
 Taxable

45. Proforma (Select one of the four listed below) Please be sure the proforma reflects the schedule requested, including multi-phased funding options.

a. System revenues are anticipated to be used to repay the proposed debt. Attach a proforma indicating the following information for each year the debt is outstanding:

- 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

b. Taxes are anticipated to be used to repay the proposed debt. Attach a pro forma indicating the following information for each year the debt is outstanding:

- outstanding and proposed debt service requirements
- the 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

c. Combination of system revenues and taxes to be used to repay the proposed debt. Attach a pro forma indicating the following information for each year the debt is outstanding:

- projected gross revenues, operating and maintenance expenditures, net revenues available for debt service
- outstanding and proposed debt service requirements
- the tax rate necessary to pay the current and proposed debt
- list the assumed collection rate and tax base used to prepare the schedule

d. Another type of pledge will be used to repay the proposed debt. Attach a pro forma with information for each year the debt is outstanding, which includes projected revenues, annual expenditures, outstanding debt requirements, and revenues available for debt service.

Attached

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

46. Attach a **FIVE** year comparative system operating statement (not condensed) including audited prior years and an unaudited year-to-date statement. Unaudited year-to-date statement must reflect the financial status for a period not exceeding the latest six months.
 Attached Operating Statement.
47. Attach **ONE** copy of an annual audit of financial statements, including the management letter, for the preceding fiscal year prepared by a certified public accountant or firm of accountants and, if the last annual audit was more than 6 months ago, then, provide interim financial information.
 Attached Annual Audit
 Attached Management Letter
 If applicable, attached interim financial information
48. Does the applicant have any outstanding debt? (Check all that apply)
 Yes, General obligation debt
 Yes, Revenue debt
 Yes, Authorized but unissued debt
 No
49. Attach a listing 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.
- a. General Obligation Debt:
 Yes
 Attached schedule. The schedule should also identify the debt holder.
 No
- b. Revenue:
 Yes
 Attached schedule. The schedule should also identify the debt holder.
 No
- c. Authorized by Unissued Debt:
 Yes
 Attached schedule. The schedule should also identify the debt holder.
 No

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

50. List the ten largest employers of the Applicant's service area:

Name	Number of Employees
HP Enterprise Service LLC	10,000
Plano ISD	6,538
Nortel Networks	6,000
Frisco ISD	5,662
Bank of America Home Loans – Corporate Dr	4,646
AT&T	4,300
JCPenney (Corporate HQ)	3,800
University of Texas at Dallas	3,500
Capital One	3,500
Blue Cross and Blue Shield of Texas	3,100

Comments (example, any anticipated changes to the tax base, employers etc.) NONE

51. Provide any current bond ratings with date received.

	Standard & Poor's	Date Received	Moody's	Date Received	Fitch	Date Received
G.O.						
Revenue	AAA	04/13/2015	Aa2	04/13/2015	N/A	N/A

52. Is the project intended to allow the applicant to provide or receive water or sewer services to or from another entity?

Yes. If yes, the applicant must attach, at a minimum, the proposed agreement, contract, or other documentation establishing the service relationship, with the final and binding agreements provided prior to loan closing.

Attached

No.

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part D: Project Information

53. Description of Project Need (for example, is the project needed to address a current compliance issue, avoid potential compliance issues, extend service, expand capacity, etc.):

The NTMWD is projected to have a water supply need of approximately 91,700 acre-feet per year by 2020, increasing to over 368,000 acre-feet per year by 2060. The NTMWD has implemented advanced conservation measures and interim water supply purchases to help meet its near-term water needs, but these strategies cannot fully meet NTMWD's projected water needs. The proposed Lower Bois d'Arc Creek Reservoir (LBCR) would provide additional water to address the growing demand of NTMWD's customers. This project would provide up to 126,000 acre-feet per year in new fresh water supplies.

State population projections show the NTMWD service area population increasing from 1.6 million to 3.3 million by 2060. The LBCR would provide a new water supply to help meet this increasing demand. Even with aggressive efforts by NTMWD to promote water conservation, encourage efficiency, and develop water reuse projects, aggregate demand for new potable water supply will grow substantially over the coming 50 years. NTMWD provides wholesale treated water, wastewater treatment, and regional solid waste services to member cities and customers in a service area covering parts of nine counties in North Central Texas. This service area is one of the fastest growing areas in the state of Texas. This growing population and the location of this growth are the impetus behind increased demands for water and the need to develop new sources of water supply. To meet these projected needs, the NTMWD will have to construct a new northern water treatment plant by 2020 to serve the fast-growing northern sectors of its service area. The LBCR would provide new supply to the proposed northern plant to help meet this increasing demand.

The development of a new reservoir is a multi-faceted project that consists of several distinct project components. One project associated with the reservoir construction includes aquatic and terrestrial mitigation. Mitigation is required by the State of Texas for unavoidable impacts to aquatic and terrestrial habitats. The USACE also requires aquatic mitigation for the federal Section 404 permit. A mitigation plan has been prepared by the NTMWD. NTMWD has purchased a 14,960-acre parcel of land known as the Riverby Ranch, which borders the Red River. This site is located in Fannin County, downstream of the proposed reservoir. To utilize this site for mitigation, the current agricultural practices would cease and the lands would be converted to different habitat types in accordance with the Mitigation Plan. Extensive engineering and environmental design is required to develop the ranch into an acceptable mitigation site for the LBCR.

Required road construction/modification/upgrades resulting from LBCR construction – The construction of the Lower Bois d'Arc Creek Reservoir will affect existing state and county road infrastructure as soon as reservoir impoundment begins. During planning and preliminary design, it has been found that TXDOT road FM 1396 and approximately 27 county roads will be impacted. It is proposed that FM 1396 would be abandoned and a new farm to market road, FM 897, would be built across the lake to provide access for residents and travelers in Fannin County. County road infrastructure would be possibly relocated and/or upgraded around the reservoir to facilitate access to the reservoir and residences nearby.

Treated Water pipeline - See Attached.

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

- o Mitigation - To comply with the federal and state policy of "no overall net loss of wetlands" and to provide compensatory mitigation, NTMWD has purchased a 14,960-acre parcel of land known as the Riverby Ranch, which borders the Red River. This working ranch is located downstream of the proposed project within both the same watershed (Bois d'Arc Creek) and the same county (Fannin). NTMWD acquired the Riverby Ranch specifically because its biophysical

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

features have the potential to provide appropriate mitigation for the proposed project. Additional mitigation would be provided within the proposed reservoir itself and on Bois d'Arc Creek downstream of the reservoir. Construction on the ranch will include:

- Earthwork construction to restore and rehabilitate existing streams and creeks.
 - Creation of new wetlands on existing ranch pasture.
 - Creation of wooded wetlands.
 - Overall site work to attempt to return the ranch to upland natural conditions.
- Roads – The construction of the Lower Bois d'Arc Creek Reservoir will effect existing state and county road infrastructure as soon as reservoir impoundment is projected to begin in the Fall of 2018. Road construction activity within the LBCR Program will include:
 - Abandonment of TXDOT road FM 1396
 - Construction of a new TXDOT road FM 897. FM 897 will extend approximately 6 miles from US 82 near Lannius to the north to intersect with FM 1396 (approximately 1.35 miles west of FM 2029). The proposed extension will include 2 bridges with a total length of approximately 7,600 feet. The current design for the bridges will allow for at least two spans to have up to 16' clearance for passage of a typical pontoon boat at 100 year event pool levels. The bridge and roadway will facilitate traffic on a 2-lane facility with 10' shoulders.
 - Rehabilitation, realignment, upgrading and construction of Approximately 27 County Roads for Fannin County.
 - *Treated water pipeline - See Attached.*

A complete preliminary engineering feasibility data must include:

- a. A description and purpose of the project, including existing facilities.
 - Note: CWSRF and DWSRF must address issues scored in Intended Use Plan submittal

Attached

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

a) **Water** (TWDB-0555 at

<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0555.pdf>)

Attached

b) **Wastewater** (TWDB-0556 at

<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0556.pdf>)

Attached

- c. DWSRF applicants must complete a Projected Draw Schedule (TWDB-1202 at <http://www.twdb.texas.gov/financial/instructions/doc/TWDB-1202.xls>)

55. Water Made Available (For projects requesting a construction component):

a. *New supply 126,000 (acre-feet/year) \$1,032,200,000 capital cost*

- The **increase** in the total annual volume of water supply that will be made available to the recipient(s) by the proposed project.
- Water Plan project examples: new groundwater wells, reservoir development, pipelines to sources.

b. *New Conservation savings _____ (acre-feet/year) _____ (\$) capital cost*

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

- Annual volume of anticipated water savings resulting from implementation of the proposed conservation project including water loss) and other conservation activities,
- Water Plan project examples: municipal conservation, advanced Water Conservation, on-farm conservation, brush control, irrigation conservation.

c. *New Reuse supply* _____ (*acre-feet/year*) _____ (*\$*) *capital cost*

- Increase in the annual volume of (direct or indirect) reuse water supply that will be made available to the recipient(s) by the proposed project.
- Water Plan project examples: direct reuse, non-potable reuse, recycled water programs.

d. *Maintenance of Current Supply* _____ (*acre-feet/year*) _____ (*\$*) *capital cost*

- Volume of recipients' current supplies that will be maintained by implementing the proposed project
- Water Plan project examples: None. Not a water plan project. (Examples of these type projects: treatment rehabilitation, system storage facilities, system upgrades).

56. Project Location:

Attach a map of the service area and drawings as necessary to locate and describe the project. The map should show the project footprint and major project components.

Attached

57. Attach the Census tract numbers in which the applicant's service area is within. The Census tracts within your area may be found at:

<http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t>.

Please follow these steps:

- Select Advanced Search.
- Select the Geographies button located below Topics (left side of page).
- On the top of the window select the Name tab.
- In the text box, type "All Census Tracts within ____" (Fill in the blank with the name of a County Subdivision or a Place.) Select "Go".
- If your town is a County Subdivision, select the geography labeled "All Census Tracts (or parts) within City, County, State" from the Geography Results. If your town is a place select the geography labeled "All Census Tracts (or parts) full-or-partially within City, State" from the Geography Results.
- Close the Geographies Search window.
- Use the Topics on the left side of the page to further refine your search or to select a table(s) from your search results.

Attached Census tracts

58. Project Schedule:

- a) Requested loan closing date.
12/17/2015
- b) Estimated date to submit environmental planning documents.

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

- c) Estimated date to submit engineering planning documents.
- d) Estimated date for completion of design.
- e) Estimated Construction start date for first contract.
Mitigation - 12/17/2015 Roads - 12/15/2016 *Property For Pipeline - 10/22/16*
- f) Estimated Construction end date for last contract.
Mitigation - 02/21/2017 Roads - 06/25/2018 *Property For Pipeline - 10/22/18*

59. **Attach** a copy of current and future populations and projected water use or wastewater flows. Include entities to be served.

Attached

60. Attach the most current itemized project cost estimate (include all costs and funding sources). Utilize the budget format provided (TWDB-1201 at <http://www.twdb.texas.gov/financial/instructions/>). If applying for pre-construction costs only (i.e., P, A, D) then itemize only the relevant portions in the attached budget template

Attached

61. Attach the appropriate Project Information Form:

Wastewater: Attached a completed Wastewater Project Information Form WRD-253a <http://www.twdb.texas.gov/financial/instructions/index.asp>

Water: Attached a completed Water Project Information Form WRD-253d <http://www.twdb.texas.gov/financial/instructions/index.asp>

62. If the project is for Construction only, wastewater projects that involve the construction of a new plant or the expansion of an existing plant and/or associated facilities, attach evidence that an application for a new Texas Pollution Discharge Elimination System Permit or amendment to an existing permit related to the proposed project has been filed with the Texas Commission on Environmental Quality (TCEQ). Final permit authorization must be obtained from the TCEQ before funds can be released for construction activities.

Attached

No. Provide explanation: Not Applicable

63. If this 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 rights, groundwater permits, and/or surface water rights sufficient for the project before funds can be released for construction.

a) Does the applicant currently own all the property rights, groundwater permits and surface water rights needed for this project?

Yes If yes, please attach the completed, appropriate form.

1. WRD 208A (<http://www.twdb.texas.gov/financial/instructions/index.asp>) (Surface Water)

Attached

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

2. WRD 208B (<http://www.twdb.texas.gov/financial/instructions/index.asp>) (Groundwater)
 Attached
 No
 N/A

- b) If all property rights, groundwater permits, and surface water rights, needed for this project have not yet been acquired, identify 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 Permit Water Right	Entity from which the permit or right must be acquired	Acquired by lease or full ownership	Expected acquisition date	Permit / Water Right ID No.
Permanent	TCEQ	Full Ownership	January 2016	Appl # 12151

- c) List any major permits not identified elsewhere that are necessary for completion of project. Also, list any more necessary minor permits that may involve particular difficulty due to the nature of the proposed project.

Permit	Issuing Entity	Permit Acquired (Y/N)
Section 404	USACE	No

64. Has the applicant obtained all necessary land and easements for the project?

- Yes. If yes, attach the site certificate (ED-101 at <http://www.twdb.texas.gov/financial/instructions/index.asp>)
 Attached
- No. If no, **fill out the table below** and describe the land or easements that will need to be acquired, provide the anticipated date by which the applicant expects to have the land or easements, and indicate if funding from TWDB is to be used for the acquisition.

Description of Land or Easement Permit	Entity from which the permit or right must be acquired	Acquired by lease or full ownership	Expected acquisition date	To Be Funded by TWDB (Yes/No)

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Property Acquisition is ongoing. Design has started on both Mitigation and Road projects but full land impacts are to be determined.

65. Has a Categorical Exclusion (CE), Determination of No Effect (DNE), Finding of No Significant Impact (FONSI), Record of Decision (ROD), or any other environmental determination been issued for this project?

Yes
 Attach a copy of the finding.
 No

66. Is the project potentially eligible for a Categorical Exclusion (CE)/ Determination of No Effect (DNE) because it involves only minor rehabilitation or the functional replacement of existing equipment?

Yes
 No

67. Are there potentially adverse environmental or social impacts that may require mitigation or extensive regulatory agency or public coordination (e.g. known impacts to properties eligible for listing on the National Register of Historic Places; potentially significant public controversy; need for an individual permit from the U.S. Army Corps of Engineers)?

Yes
 If yes, attach additional information
 No

The NTMWD has developed a mitigation plan and it has been submitted to TCEQ and USACE in conjunction with the permit application. If needed/required, the full plan can be submitted separately upon request.

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part E: State Water Implementation Fund for Texas (SWIFT) Applicants Only:

68. Identify the type of SWIFT funding (If more than one funding option is being requested indicate the amount of funding for each):

- | | | |
|-------------------------------------|---------------------|---------------|
| <input type="checkbox"/> | Deferred | \$ |
| <input checked="" type="checkbox"/> | Low Interest Loan | \$ 82,105,000 |
| <input type="checkbox"/> | Board Participation | \$ |

69. For multi-year funding request or phased commitments, provide a schedule reflecting the closing dates for each loan requested.

Attached

70. **Notice to SWIFT Applicants:** Texas Water Code Sec. 15.435(h) requires all recipients of financial assistance from the SWIFT to acknowledge any applicable legal obligations in federal law, related to contracting with disadvantaged business enterprises, and state law, related to contracting with historically underutilized businesses. Checking the boxes below serves as this acknowledgement.

As an applicant for financial assistance from SWIFT, I acknowledge that this project must comply with any applicable legal obligations in federal law related to contracting with disadvantaged business enterprises.

As an applicant for financial assistance from SWIFT, I acknowledge that this project must comply with applicable legal obligations in state law (Texas Government Code Chapter 2161 and Texas Administrative Code Chapter 20, Subchapter B) related to contracting with historically underutilized businesses.

71. Provide drafts of the following documents:

a. Proposed Bond Ordinance

Attached

b. Private Placement Memorandum

Attached

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part F: Economically Distressed Programs (EDAP) Applicants Only:

In accordance with TWDB Rules (31 TAC Chapter 363), an application for EDAP will **not** be considered until the County has adopted and is enforcing the Model Subdivision Rules (MSRs) Texas Water Code § 16.343. If the proposed project is within a municipality or its extraterritorial jurisdiction (ETJ), or if the applicant is a municipality, the municipality must also have adopted and be enforcing MSRs.

72. Describe procedures for collecting monthly customer bills (include procedures for collection of delinquent accounts)

73. Is financing being requested for a **wastewater** project?
 Yes If yes, does the applicant have the required resolution/ordinance establishing a mandatory hookup policy?
 Yes. If yes, attach a copy of the resolution/ordinance.
 Attached
 No. If no, explain _____
 No
74. Required documentation for the project area for Preliminary EDAP Eligibility (31 TAC Chapter 363)
 Attached documentation of inadequacy of water and/or wastewater services.
 Attached documentation regarding the financial resources of the residential users in the EDAP area. Census data or documentation regarding median household income should be provided.
 Attached documentation demonstrating existence of a residence in the project area prior to **June 1, 2005**. This could include tax records of residence, dated aerial maps, or, other documentation demonstrating existence of a residence.
75. Has the Department of State Health Services issued a determination stating a public health nuisance exists in the project area?
 Yes If yes, attach a copy of the determination.
 Attached
 No If no determination exists, attach documentation demonstrating a public health nuisance exists in the project area. (*Photographs may be submitted, but they **must** be labeled with location and date when taken. If the soil types are mentioned in the project area as an issue, include soil profile maps*) This documentation will be used by TWDB staff to request a determination from the Department of State Health Services
 Attached
76. Is this project providing new service?
 Yes If yes, attach plats of the affected subdivisions.
 Attached
 No
77. Attach an EDAP Facility Engineering Plan/Scope of Services report that complies with the requirements of WRD-023A. <http://www.twdb.texas.gov/financial/instructions/index.asp>
 Attached

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part G: CWSRF/DWSRF Applicants Only

Only applicants applying for funding from the CWSRF and DWSRF Programs must complete this section.

Pursuant to Federal Funding Accountability and Transparency Act (FFATA) the applicant is required to obtain a DUNS number that will represent a universal identifier for all federal funding assistance. DUNS numbers can be obtained from Dun and Bradstreet at <http://fedgov.dnb.com/webform/>

78. Applicant's Data Universal Number System (DUNS) Number:
DUNS _____

Pursuant to Federal Funding Accountability and Transparency Act (FFATA) the applicant is required to register with System for Award Management (SAM) and maintain current registration at all times during which the Board loan agreement is active or under consideration by the Board. Register at: <https://sam.gov>.

79. The applicant has registered and will maintain current SAM registration at all times during which a federal subaward is active or under consideration by the Board.
 Yes
 No

80. Federal Awards information:

1. Did applicant receive over 80% of their revenue from Federal Awards last year?

- Yes
 No

2. Did applicant receive over \$25 million in Federal Awards last year?

- Yes
 No

3. Public does not have access to executive compensation information via SEC or IRS reports?

- Yes
 No

81. If applicant checked **YES** to **ALL** three boxes in 3 above, applicant is required to disclose the name and compensation of the five most highly compensated officers.

Officer's Name	Officer's Compensation (\$)

82. Complete form WRD 213 (<http://www.twdb.texas.gov/financial/instructions/index.asp>) - Certification Regarding Lobbying

- Attached** Yes
 No
 N/A

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

83. If applying for CWSRF Equivalency or DWSRF, **attach** the Certification Regarding Debarment, Suspension and Other Responsibility. SRF-404

(<http://www.twdb.texas.gov/financial/instructions/doc/SRF-404.pdf>)

Attached Yes
 No
 N/A

84. If applying for CWSRF Equivalency or DWSRF, **attach** the Assurances – Construction Programs. EPA-424D (<http://www.twdb.texas.gov/financial/doc/EPA-424D.pdf>)

Attached Yes
 No
 N/A

85. The applicant must comply with the Davis-Bacon Act regarding prevailing wage rates. The applicant acknowledges that they are aware of, and will abide by, the Davis-Bacon Act requirements.

Yes
 No

Further information on the Davis-Bacon requirement is available through the TWDB Guidance document, DB-0156 (<http://www.twdb.texas.gov/financial/instructions/index.asp>)

All project costs funded by the TWDB through CWSRF Equivalency or DWSRF must comply with the federal Disadvantaged Business Enterprise (DBE) program rules and requirements. The federal DBE program requires a good faith effort to contract with DBE's for all procurements including: professional and non-professional consulting services, equipment, supplies and construction to be funded by federal equivalency dollars. Guidance and forms are found at:

TWDB-0210 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0210.pdf>)

86. **At a minimum, you must complete and attach** the Applicant Affirmative Steps Certification and Goals. This form is required to obtain a financial assistance commitment.

TWDB-0215 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0215.pdf>)

Attached Yes
 No

87. If you have already solicited contractors, complete and attach the Affirmative Steps Solicitation Report. This form is required prior to loan closing and release of any funds; therefore, if this question is not applicable at this time, select N/A.

TWDB-216 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0216.pdf>)

Attached Yes
 No
 N/A

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

88. If you have awarded contracts to contractors, complete and attach the Loan/Grant Participation Summary. This form must be submitted for review prior to loan closing and release of funds. This form is required prior to loan closing and release of any funds; therefore, if this question is not applicable at this time, select N/A.

TWDB-0373 (<http://www.twdb.texas.gov/financial/doc/TWDB-0373.pdf>)

Attached Yes
 No
 N/A

89. All Contractors that have been awarded will need to complete and attach the Prime Contractor Affirmative Steps Certification and Goals This form is required prior to loan closing and release of any funds; therefore, if this question is not applicable at this time, select N/A.

TWDB-217 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0217.pdf>)

Attached Yes
 No
 N/A

90. All CWSRF applicants must be a Designated Management Agency (DMA) for wastewater collection and treatment. Please complete and attach DMA resolutions. WRD-210 (<http://www.twdb.texas.gov/financial/doc/WRD-210.pdf>) is an example of this type of resolution.

Attached
 N/A

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part H: Documentation of "Green" Projects and Project Components
CWSRF and DWSRF Applicants Only

All SRF applicants must complete this section if green benefits are all or part of the project (more than an incidental benefit). Project is defined as the entire project or a stand-alone component of the project. This section is required so that the TWDB may determine whether the project qualifies as "green" pursuant to Environmental Protection Agency (EPA) Guidance.

A project (or project component) is "green" if the primary purpose qualifies under EPA Guidance as one of the following:

- a. Green Infrastructure,
- b. Water Efficiency-related,
- c. Energy Efficiency-related, or
- d. Environmentally Innovative.

You must use the Green Project Reserve guidance to complete this section. Current guidance may be found at: **Green Project Reserve: Guidance for determining project eligibility**
TWDB-0161 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0161.pdf>)

91. Does your project or a component of your project qualify as Green, per EPA guidance?
 Yes
 No

If Yes, Please complete the remainder of Section G.

92. Type of Green Project
 Water Efficiency Energy Efficiency Green Infrastructure Environmentally Innovative

93. The correct worksheets must be completed.
Green Project Reserve: CWSRF Green Project Worksheets
TWDB-0162 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0162.pdf>)
Attached Yes
 No
 N/A

- Green Project Reserve: DWSRF Green Project Worksheets**
TWDB-0163 (<http://www.twdb.texas.gov/financial/instructions/doc/TWDB-0163.pdf>)
Attached Yes
 No
 N/A

TWDB will make the final determination whether your project (or project component) meets federal criteria as "green". You may be required to submit a **business case, utilizing the Green guidance**

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part I: Summary of attachments to application

Following is a list of the documents that may be necessary in order to process this application. While not all of the listed information below may be required for all projects, an applicant should review the application carefully because incomplete applications will not be processed until all of this information has been provided. In addition, please make sure your entity system name appears on every attachment. **Label each attachment with the number of the pertinent application section (i.e. "Part B5").**

Check list for your convenience

Part A

- No. 6
- No. 12

General Information

- Draft or executed consulting contracts (engineering, financial advisor, bond counsel)
- Existing security document for refinancing

Part B

- No. 17
- No. 18
- No. 19
- No. 20

Legal

- Resolution (TWDB-0201A)
- Application Affidavit (TWDB-0201)
- Certificate of Secretary (TWDB-201B)
- Water Supply Corporations
 - Articles of Incorporation
 - Certificate of incorporation from the Texas Secretary of State
 - By-laws and any amendments
 - Certificate of status from the Texas Secretary of State
 - Certificate of account status from Texas Comptroller
- No. 21 Resolution/ordinance authorizing the issuance of parity debt
- No. 22 Certificate of Convenience & Necessity
- No. 23 Enforcement Actions
- No. 24 Affidavit of No Objection
- No. 25 Two copies of the Water Conservation Plan (TWDB-1968 and TWDB-1965)
- No. 26 Water use surveys
 - <http://www.twdb.texas.gov/waterplanning/waterusesurvey/index.asp>
- No. 27 Water Loss Audit
 - <http://www.twdb.texas.gov/conservation/resources/waterloss-resources.asp>

Part C

- No. 39
- No. 40
- No. 45
- No. 46
- No. 47
- No. 49
- No. 52

Financial

- Assessed Values by Classifications
- Direct and Overlapping Tax Table
- Proforma for each year of debt outstanding
- Five year comparative system operating statement.
- Annual audit and management letter
- Outstanding debt schedule
- Service provider contracts

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part D

- No. 54a
- No. 54b

Project Information

- No. 54c Preliminary Engineering Feasibility Data (PEFD)
- No. 56 Engineering Feasibility Report
 - Water (TWDB-0555)
 - Wastewater (TWDB-0556)
- No. 57 Project Draw Schedule (TWDB-1202)
- No. 58 Project Map
- No. 59 Census Tract(s)
- No. 59 Current and future populations and projected water use or wastewater flows
- No. 60 Project Cost Estimate Budget (TWDB-1201)
- No. 61 Wastewater Project Information Form (WRD-253a)
- No. 62 Water Project Information Form (WRD-253d)
- No. 63 Texas Pollution Discharge Elimination System Permit
 - If applicant has property rights and permits
 - a. WRD-208A (Surface Water)
 - b. WRD-208B (Groundwater)
- No. 63c Additional Permits
- No. 64 Site certificate, evidencing land ownership for the project. (ED-101)
- No. 65 Categorical Exclusion (CE), Finding of No Significant Impact (FONSI), Record of Decision or any other supporting document
- No. 67 Social or environmental issues

Part E

- No. 69
- No. 71a
- No. 71b

State Water Implementation Fund for Texas

- Multi-year/phased commitment schedule
- Draft Bond Ordinance
- Private Placement Memorandum

Part F

- No. 73
- No. 74

Economically Distressed Areas Program

- Resolution/ordinance establishing a mandatory hookup policy
- EDAP applicants
 - Inadequacy documentation
 - Financial resources documentation
 - Existence of residences prior to 06/01/2005
- No. 75 Public health nuisance
- No. 76 Plats
- No. 77 EDAP Planning Phase – Facility Engineering Plan/Scope of Services (WRD-023A)

Part G

- No. 82
- No. 83
- No. 84
- No. 86
- No. 87
- No. 88
- No. 89
- No. 90

CWSRF/DWSRF Applicants Only

- Lobbying Activities (WRD-213)
- Certification Regarding Debarment, Suspension and Other Responsibility Requirements. (SRF-404)
- Assurances – Construction Programs (EPA-424D)
- Disadvantaged Business Requirements Guidance (TWDB-0210)
- Affirmative Steps Certification and Goals (TWDB-0215)
- Affirmative Steps Solicitation Report (TWDB-216)
- Loan/ Grant Participation Summary (TWDB-0373)
- Prime Contractor Affirmative Steps Certification and Goals (TWDB-217)
- Designated Management Agency (WRD-210)

Part H

- No. 93

Green Projects

- Guidance (TWDB-0161)
- CWSRF Green Project Worksheets (TWDB-0162)
- DWSRF Green Project Worksheets (TWDB-0163)

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part J: Guidance and Forms

- Part A** **General Information**
CWSRF – 31 TAC 375
DWSRF – 31 TAC 371
EDAP and SWIFT - 31 TAC 363
For more information visit, <http://www.twdb.texas.gov/about/rules/index.asp>.
- Part D** **Project Information**
State Programs - 31 TAC 363
Drinking Water State Revolving Fund - 31 TAC 371
Clean Water State Revolving Fund / Equivalency - 31 TAC 375
Clean Water State Revolving Fund / Non-Equivalency - 31 TAC 375
- Guidelines for Environmental Assessment, Clean Water Non-Equivalency (ED-001A)
Clean Water EID Instructions (SRF-099)
Guidelines for Environmental Assessment, State Participation, DFund, RWAF and WIF,
(ED-001B)
Guidelines for Environmental Assessment, EDAP (ED-001C)
Drinking Water EID Instructions (DW-001)
- Part H** **Green Projects and Project Components**
Green Project Reserve: Guidance for determining project eligibility
(TWDB-0161)

NORTH TEXAS
MUNICIPAL WATER DISTRICT PART D 53 and 54

TWDB-0148
Version: 4-28-15

Please label each attachment with the number of the pertinent application section (i.e. "Part D5")

Part D: Project Information

53. Description of Project Need (for example, is the project needed to address a current compliance issue, avoid potential compliance issues, extend service, expand capacity, etc.):
- This treated water pipeline will convey the proposed water supply developed under the Lower Bois d'Arc Creek Reservoir (LBCR) Program into the NTMWD system. State population projections show the NTMWD service area population increasing from 1.6 million to 3.3 million by 2060. The water from LBCR will provide a new water supply to help meet this increasing demand. Even with aggressive efforts by NTMWD to promote water conservation, encourage efficiency, and develop water reuse projects, aggregate demand for new potable water supply will grow substantially over the coming 50 years. NTMWD provides wholesale treated water, wastewater treatment, and regional solid waste services to member cities and customers in a service area covering parts of nine counties in North Central Texas. This service area is one of the fastest growing areas in the state of Texas. This growing population and the location of this growth are the impetus behind increased demands for water and the need to develop new sources of water supply.
- By constructing the 84" Treated Water Pipeline from Leonard Water Treatment Plant to McKinney Number 4 Pump Station, the NTMWD will be able to convey the projected 126,000 acre-feet of water into the system to provide its growing customer base the water they need.
54. Description of Project, including a bulleted list of project elements/components, and alternatives considered (including existing facilities):
- Acquisition of permanent and temporary easements needed to construct approximately 25 miles of 84" water pipeline from the future Leonard Water Treatment Plant to McKinney Number 4 pump station. The NTMWD is currently in the planning stages of this project and hence no pipeline alignment has been established. The estimate for permanent and temporary easements is based on the approximate length and historical pricing for easements on similar NTMWD projects.