

AGENDA
OF THE
TRINITY RIVER AUTHORITY OF TEXAS
REGULAR MEETING OF THE BOARD OF DIRECTORS

Trinity River Authority of Texas
 Board Room
 5300 South Collins Street
 Arlington, Tarrant County, Texas
 Wednesday, June 27, 2018
 10:30 a.m.

1. CALL TO ORDER BY THE PRESIDENT, CHRISTINA M. CRAIN.
2. INVOCATION.
3. PLEDGE OF ALLEGIANCE TO THE UNITED STATES FLAG.
4. PLEDGE OF ALLEGIANCE TO THE TEXAS FLAG.
5. ROLL CALL BY THE SECRETARY, HOWARD S. SLOBODIN.

<u>Area No.</u>	<u>County</u>	<u>Board Member</u>	
1	Tarrant	Martha A. Hernandez	_____
	Tarrant	Henry Borbolla III	_____
	Tarrant	William O. Rodgers	_____
2	Dallas	Christina M. Crain	_____
	Dallas	Ana Laura Saucedo	_____
	Dallas	James W. Neale	_____
	Dallas	Edward C. Williams III	_____
3	Kaufman	Victoria K. Lucas	_____
4	Henderson	Jess A. Laird	_____
5	Ellis	Harold L. Barnard	_____
6	Navarro	Frank H. Steed, Jr.	_____
7	Anderson	Dudley K. Skyrme	_____
8	Freestone	C. Dwayne Somerville	_____
9	Leon	Amanda B. Davis	_____
10	Houston	Kevin Maxwell	_____
11	Trinity	D. Joe McCleskey	_____
12	Madison	J. Carol Spillars	_____
13	Walker	Tommy G. Fordyce	_____
14	San Jacinto	Steve Cronin	_____
15	Polk	Manny Rachal	_____
16	Liberty	David B. Leonard	_____
17	Chambers	John W. Jenkins	_____
18	Area-at-Large	Robert F. McFarlane	_____
	Area-at-Large	Whitney D. Beckworth	_____
	Area-at-Large	Amir A. Rupani	_____

6. CERTIFICATION OF A QUORUM BY THE SECRETARY.
7. CERTIFICATION BY THE SECRETARY OF COMPLIANCE WITH THE OPEN MEETING REQUIREMENTS OF THE GOVERNMENT CODE. Tex. Gov'T CODE § 551.001 *et seq.*
8. APPROVAL OF THE [MINUTES](#) OF THE REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE TRINITY RIVER AUTHORITY OF TEXAS HELD APRIL 25, 2018 AT TRA'S GENERAL OFFICE, BOARD ROOM, 5300 SOUTH COLLINS STREET, ARLINGTON, TARRANT COUNTY, TEXAS. Pg. 13
9. NEW BUSINESS:



To access the story map link use any QR Code Reader Apps on the phone or tablet to scan the image.

(ITEM A WAS PRESENTED TO THE ADMINISTRATION AND AUDIT COMMITTEE AT ITS MEETING ON JUNE 18, 2018.)

A. SELECTION OF OFFICIAL AUDITOR FOR FISCAL YEAR 2018. Pg. 23

Memorandum dated May 29, 2018 from Controller.

- (1) Explanation by Tommy G. Fordyce and Alison A. Mackey.
- (2) Recommendation: The Administration and Audit Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors adopt Resolution No. R-1511 designating Weaver and Tidwell, L.L.P., Certified Public Accountants, as Official Auditor.

(ITEMS B THROUGH D WERE PRESENTED TO THE RESOURCES DEVELOPMENT COMMITTEE AT ITS MEETING ON JUNE 19, 2018.)

[ITEM B INVOLVES ADVICE OF COUNSEL AND IS EXEMPT FROM THE OPEN MEETING REQUIREMENTS CONTAINED IN CHAPTER 551 OF THE TEXAS GOVERNMENT CODE. THE TRINITY RIVER AUTHORITY OF TEXAS RESERVES THE RIGHT TO CONVOKE AN EXECUTIVE, OR CLOSED SESSION ON THE FOREGOING ITEM SUBJECT TO THE REQUIREMENTS OF THE TEXAS GOVERNMENT CODE CHAPTER 551, SUBCHAPTER E, AND PURSUANT TO TEX. GOV'T CODE SECTION 551.074. ANY FINAL DECISION, ACTION OR VOTE MUST BE DONE IN OPEN SESSION.]

B. LAKE LIVINGSTON PROJECT — OPERATING PROCEDURES — STUDY OF MODIFICATIONS FOR FLOOD MITIGATION. Pg. 26

Memorandum dated June 7, 2018 from General Counsel.

- (1) Explanation by John W. Jenkins and Howard S. Slobodin.
- (2) Recommendation: This item is for informational purposes only; no action is necessary.

C. MASTER PLAN ANNUAL REPORT. Pg. 48

Memorandum dated June 6, 2018 from Manager, Planning and Environmental Services.

- (1) Explanation by John W. Jenkins and Glenn C. Clingenpeel.
- (2) Recommendation: The Resources Development Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors adopt the annual report on the status of the Master Plan.

D. UPPER TRINITY WATER QUALITY COMPACT — NATIVE MUSSEL THREAT ASSESSMENT — TECHNICAL SERVICES AGREEMENT. Pg. 51

Memorandum dated June 6, 2018 from Manager, Planning and Environmental Services.

- (1) Explanation by John W. Jenkins and Glenn C. Clingenpeel.
- (2) Recommendation: The Resources Development Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute, in substantially the form presented, a Technical Services Agreement between the Trinity River Authority of Texas and Zara Environmental LLC, for the Upper Trinity Water Quality Compact Native Mussel Threat Assessment, in an amount not to exceed \$150,000.

(ITEMS E THROUGH Q WERE PRESENTED TO THE UTILITY SERVICES COMMITTEE AT ITS MEETING ON JUNE 20, 2018.)

E. CENTRAL REGIONAL WASTEWATER SYSTEM — BEAR CREEK INTERCEPTOR SEGMENT 09BC-1, PHASE 1A — CONTRACT AWARD, ENGINEERING SERVICES AGREEMENT, AND MATERIALS TESTING SERVICES AGREEMENT. Pg. 77

Memorandum dated June 1, 2018 from Manager, Construction Management Services and Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors:

- (a) Authorize the General Manager to execute the contract between the Trinity River Authority of Texas and Thalle Construction Company in the amount of \$8,053,789.48 for the construction of the Bear Creek Interceptor Segment 09BC-1, Phase 1A for the Central Regional Wastewater System;
- (b) Authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and Alan Plummer Associates, Inc., in the amount of \$407,040 for Basic Services and \$50,000 for Special Services for construction administration engineering services associated with the Bear Creek Interceptor Segment 09BC-1, Phase 1A for the Central Regional Wastewater System; and
- (c) Authorize the General Manager to execute the Materials Testing Services Agreement between the Trinity River Authority of Texas and D&S Engineering Labs, LLC, in the amount of \$100,000 for construction materials testing services associated with the Bear Creek Interceptor Segment 09BC-1, Phase 1A for the Central Regional Wastewater System.

F. CENTRAL REGIONAL WASTEWATER SYSTEM — PUMP STATIONS 6 AND 6A HVAC MODIFICATIONS — CONTRACT AWARD AND ENGINEERING SERVICES AGREEMENT. Pg. 120

Memorandum dated June 1, 2018 from Manager, Construction Management Services and Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors:

- (a) Authorize the General Manager to execute the contract between the Trinity River Authority of Texas and Infinity Contractors International, Ltd., in the amount of \$1,073,894 for the construction of the Pump Stations 6 and 6A HVAC Modifications at the Central Regional Wastewater System treatment plant; and
- (b) Authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and Azcarate & Associates Consulting Engineers, LLC, in the amount of \$184,783 for Basic Services and \$20,000 for Special Services for construction administration engineering services associated with the Pump Stations 6 and 6A HVAC Modifications at the Central Regional Wastewater System treatment plant.

G. CENTRAL REGIONAL WASTEWATER SYSTEM — ALTERNATE PLANT ACCESS — ENGINEERING SERVICES AGREEMENT. Pg. 145

Memorandum dated June 1, 2018 from Senior Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Engineering Services Agreement between Trinity River Authority of Texas and Halff Associates, Inc., in the amount of \$844,500 for Basic Engineering Services and \$75,000 for Special Services to provide for preliminary and final design associated with the Alternate Plant Access at the Central Regional Wastewater System.

H. CENTRAL REGIONAL WASTEWATER SYSTEM — BEAR CREEK INTERCEPTOR RELIEF, PHASES 1 AND 2 — ENGINEERING SERVICES AGREEMENT. Pg. 177

Memorandum dated June 1, 2018 from Senior Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and Lockwood, Andrews & Newnam, Inc., in the amount of \$622,800 for Basic Services and \$60,000 for Special Services for preliminary design engineering services associated with the Bear Creek Interceptor Relief, Phases 1 and 2 project for the Central Regional Wastewater System.

I. CENTRAL REGIONAL WASTEWATER SYSTEM — MOUNTAIN CREEK FISH CREEK INTERCEPTOR, SEGMENT MC-3, PHASE II — FIRST AMENDMENT ENGINEERING SERVICES AGREEMENT — SECOND AMENDMENT INTERLOCAL AGREEMENT. Pg. 204

Memorandum dated June 4, 2018 from Senior Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors:

- (a) Authorize the General Manager to execute the First Amendment to the Engineering Services Agreement between the Trinity River Authority of Texas and Brown & Gay Engineers, Inc., increasing the amount of Basic Services from \$270,000 to \$295,000 for engineering services associated with the Mountain Creek Fish Creek Interceptor, Segment MC-3, Phase II for the Central Regional Wastewater System; and
- (b) Authorize the General Manager to execute the Second Amendment to the Interlocal Agreement between the Trinity River Authority of Texas and the City of Grand Prairie, increasing compensation from \$330,135 to \$489,314, for construction associated with the Mountain Creek Fish Creek Interceptor, Segment MC-3, Phase II for the Central Regional Wastewater System.

J. CENTRAL REGIONAL WASTEWATER SYSTEM — DEMONSTRATION PROJECT — SUSTAINABLE WATER INFRASTRUCTURE OF THE FUTURE — STATE ENERGY CONSERVATION AGREEMENT — INTERAGENCY COOPERATION CONTRACT.
Pg. 214

Memorandum dated June 1, 2018 from Assistant Regional Manager/Operations.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Interagency Cooperation Agreement between the Trinity River Authority of Texas and the State Energy Conservation Office in the amount of \$264,400 for the Demonstration Project – Sustainable Wastewater Infrastructure of the Future at the Central Regional Wastewater System treatment plant.

K. CENTRAL REGIONAL WASTEWATER SYSTEM — MOUNTAIN CREEK INTERCEPTOR, SEGMENT 30MC-1 — FIRST AMENDMENT ENGINEERING SERVICES AGREEMENT. **Pg. 246**

Memorandum dated June 1, 2018 from Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the First Amendment to the Engineering Services Agreement between the Trinity River Authority of Texas and Carollo Engineers, Inc., with no change in the total compensation for the design engineering services associated with the Mountain Creek Interceptor, Segment 30MC-1 project for the Central Regional Wastewater System.

L. CENTRAL REGIONAL WASTEWATER SYSTEM — PHASE V REHABILITATION AERATION BASIN IMPROVEMENTS — CHANGE ORDER. Pg. 252

Memorandum dated June 1, 2018 from Manager, Construction Management Services.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the change order between the Trinity River Authority of Texas and Eagle Contracting, L.P., associated with the Phase V Rehabilitation Aeration Basin Improvements to increase the contract amount from \$14,975,822.12 to \$15,039,350.36, and extend the contract duration by 71 calendar days.

M. CENTRAL REGIONAL WASTEWATER SYSTEM — TECHNICAL SERVICES FEE SCHEDULE FOR FISCAL YEAR 2019. Pg. 255

Memorandum dated June 1, 2018 from Manager, Central Regional Wastewater System.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors:

- (a) Adopt the Technical Services Fee Schedule for Contracts for the period beginning December 1, 2018 through November 30, 2019; and
- (b) Authorize the General Manager to execute individual Contracts for Technical Services between the Trinity River Authority of Texas and those entities seeking services.

N. RED OAK CREEK REGIONAL WASTEWATER SYSTEM — RED OAK CREEK RELIEF INTERCEPTOR SEGMENT RO-3 — ENGINEERING SERVICES AGREEMENT.
Pg. 268

Memorandum dated June 1, 2018 from Engineer, Planning and Development, Northern Region.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and Dunaway Associates, L.P., in the amount of \$545,027 for Basic Services and \$70,000 for Special Services for final design engineering services associated with the Red Oak Creek Relief Interceptor Segment RO-3 for the Red Oak Creek Regional Wastewater System.

O. NORTHERN REGION — PROCESS ENGINEERING SUPPORT SERVICES — ENGINEERING SERVICES AGREEMENT. **Pg. 296**

Memorandum dated June 1, 2018 from Engineering Manager, Central Regional Wastewater System.

- (1) Explanation by C. Dwayne Somerville and Fiona M. Allen.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and Black & Veatch Corporation in the amount of \$310,001 for Basic Services and \$50,000 for Special Services for engineering services associated with the Northern Region Process Engineering Support Services.

P. CAPITAL IMPROVEMENTS PROGRAM PLANNING — ENGINEERING SERVICES AGREEMENT. **Pg. 314**

Memorandum dated May 31, 2018 from Chief Information Officer.

- (1) Explanation by C. Dwayne Somerville and Don A. Tucker.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the Engineering Services Agreement between the Trinity River Authority of Texas and IT Nexus, Inc., in the amount of \$217,600 for Basic Services and \$25,000 for Special Services associated with engineering services for Engineering Data Management Support related to the capital improvement program.

Q. LAKE LIVINGSTON PROJECT — SLIDE RESTORATION PROJECT/DOWNSTREAM SLOPE OF LAKE LIVINGSTON DAM — CONTRACT AWARD. **Pg. 336**

Memorandum dated May 23, 2018 from Manager, Lake Livingston Project.

- (1) Explanation by C. Dwayne Somerville and Jim R. Sims.
- (2) Recommendation: The Utility Services Committee recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors authorize the General Manager to execute the contract between the Trinity River Authority of Texas and Crockett Construction in the amount of \$266,050 for the slide restoration project at the Lake Livingston Dam.

(ITEMS R THROUGH Y WERE NOT PRESENTED TO A COMMITTEE.)

R. LOWER TRINITY BASIN FLOOD MITIGATION — AUTHORIZATION FOR GRANT APPLICATION AND GRANT CONTRACT EXECUTION — RESOLUTION NO. R-1512. **Pg. 340**

Memorandum dated June 18, 2018 from General Counsel.

- (1) Explanation by Howard S. Slobodin.
- (2) Recommendation: Management recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors adopt Resolution No. R-1512 authorizing the General Manager of the Trinity River Authority of Texas to execute and submit a Flood Protection Grant application and execute a grant contract for Flood Protection Grant funding with the Texas Water Development Board, and further authorizing the General Manager to execute routine amendments thereto during the grant term.

S. 2019-2024 STRATEGIC PLAN AND SCHEDULE FOR FINAL PLAN COMPLETION. **Pg. 344**

Memorandum dated June 11, 2018 from Communications Manager.

- (1) Explanation by J. Kevin Ward.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

T. SUMMARY REPORT OF JUNE 2018 CAPITAL CONTRACTS. **Pg. 395**

Memorandum dated May 31, 2018 from Controller.

- (1) Explanation by Tommy G. Fordyce and Alison A. Mackey.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

U. SUMMARY REPORT OF GENERAL MANAGER APPROVED AGREEMENTS. Pg. 397

Memorandum dated June 19, 2018 from General Manager.

- (1) Explanation by J. Kevin Ward.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

V. SUMMARY REPORT OF CHANGE ORDERS. Pg. 399

Memorandum dated June 12, 2018 from Manager, Construction Management Services and Owner's Representative.

- (1) Explanation by C. Dwayne Somerville and Fiona Allen.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

W. SUMMARY REPORT OF FIELD ORDERS APPROVED BY THE GENERAL MANAGER. Pg. 402

Memorandum dated June 12, 2018 from Manager, Construction Management Services.

- (1) Explanation by C. Dwayne Somerville and Fiona Allen.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

[ITEMS X AND Y INVOLVE LITIGATION, POTENTIAL LITIGATION, ACQUISITION OF REAL PROPERTY, OR NECESSITATE CONFIDENTIAL CONSULTATION WITH COUNSEL AND ARE EXEMPT FROM THE OPEN MEETING REQUIREMENTS CONTAINED IN CHAPTER 551 OF THE TEXAS GOVERNMENT CODE. THE TRINITY RIVER AUTHORITY OF TEXAS RESERVES THE RIGHT TO CONVOKE AN EXECUTIVE, OR CLOSED, SESSION ON THE FOREGOING ITEMS SUBJECT TO THE REQUIREMENTS OF THE TEXAS GOVERNMENT CODE CHAPTER 551, SUBCHAPTER E, AND PURSUANT TO TEX. GOV'T CODE SEC. 551.071 AND SEC. 551.072. ANY FINAL DECISION, ACTION OR VOTE MUST BE MADE IN OPEN SESSION.]

X. RED OAK CREEK REGIONAL WASTEWATER SYSTEM — BEAR CREEK LIFT STATION AND FORCE MAIN PROJECT — AUTHORIZATION FOR LAND ACQUISITION BY EMINENT DOMAIN. Pg. 404

Memorandum dated June 1, 2018 from General Counsel.

- (1) Explanation by Howard S. Slobodin.
- (2) Recommendation: Management recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors adopt Resolution No. R-1484, authorizing the General Manager, or his designated representative, and his staff, consultants and attorneys, to do all such acts as may be necessary to invoke eminent domain proceedings as described by Texas law against the owners of the required parcels of land generally located along State Highway 342, south of West Reindeer Road, north of Valley Ridge Drive, between Interstate Highway 35-E and North Platt Road, in the cities of Red Oak and Lancaster, in Ellis and Dallas counties, Texas, and specifically located in the McKinney & Williams Survey, Abstract No. 751, the B.E. Frazier Survey, Abstract No. 371, the E.E. Sherly Survey, Abstract No. 1013, the P. Kirkland Survey, Abstract No. 1354, and the Heirs of Pollard Kirkland Survey, Abstract No. 746, in order to acquire all necessary interests in real property for the public purpose of constructing, operating and maintaining the necessary Red Oak Creek Regional Wastewater System, Bear Creek Lift Station and Force Main Project.

Y. PENDING CASE STATUS REPORT. **Pg. 410**

Memorandum dated June 8, 2018 from General Counsel.

- (1) Explanation by Howard S. Slobodin.
- (2) Recommendation: This item is presented as a status report only; no action is necessary.

Z. BID AWARDS.

AUTHORITY PROJECTS — BIDS FOR EQUIPMENT, SUPPLIES, SPARE PARTS AND SERVICES. **Pg. 417**

Memorandum dated May 30, 2018 from Purchasing Manager, General Services.

- (1) Explanation by the President, Christina M. Crain.
- (2) Recommendation: The President recommends that the Board of Directors approve the following motion:

Motion that the Board of Directors accept the following vendor bids for Equipment, Supplies, Spare Parts and Services for the Authority Projects:

<u>BID ITEM</u>	<u>VENDOR</u>
<u>Central Regional Wastewater System</u>	
Analytical Testing	Pace Analytical Services, LLC
Annual HVAC Services	Alpha Mechanical
Filter Press Cloths	Clear Edge Filtration
<u>Collection System Group</u>	
Air Relief Valves and Replacement Parts	Ferguson Waterworks

Two Ton Diesel Truck with Utility Body and Crane	Southwest Ford
<u>Huntsville Regional Water Supply System</u>	
Sludge Removal and Disposal	Denali Water Solutions LLC
<u>Red Oak Creek Regional Wastewater System</u>	
Parkson Drum Screen Rehabilitation	Parkson Corporation
<u>Northern Region Projects</u>	
Aqua-Aerobics Filter Parts	Aqua-Aerobic Systems, Inc.
Internal Pipeline Cleaning and CCTV Inspection	Aims Companies
Rock, Gravel, Flex Base and Sand	DFW Materials

10. OTHER BUSINESS: Staff briefing on Port of Liberty progress.

11. ADJOURNMENT: