



TIVERTON WASTEWATER DISTRICT
400 FISH ROAD
TIVERTON, RI 02878

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EXECUTIVE DIRECTOR
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**Request for Qualifications and Proposals for a Update to the Tiverton Wastewater District
Wastewater Facilities Plan No. TWWD202401**

Separate sealed Bids will be received by The Tiverton Wastewater District (hereafter referred to as the DISTRICT or TWWD), for the **Tiverton Wastewater District Wastewater Facilities Plan Update** on or before **April 25, 2024, at 2:00 PM** at the DISTRICT Office, 400 Fish Road, Tiverton, RI 02878 and at that time will be opened and read in public.

If communication assistance (reader/interpreter) is needed, or any other accommodation to ensure equal participation, please contact us at (p) (401) 625-6701 (or by TTY via RI Relay at 711 or 1-877-243-2823) at least three (3) business days prior to the Bid opening.

The Specifications may be obtained at the TWWD Office, 400 Fish Road, Tiverton, RI 02878, between the hours of 9:00 a.m. and 4:00 p.m. Monday through Friday and are available on the TWWDs website at <https://www.twwd.org/dashboard/bidding-opportunities/>

All bids must be submitted in triplicate and clearly marked:

(Sealed Bid)

TWWD WASTEWATER DISTRICT FACILITIES PLAN UPDATE

Bids must be enclosed in an opaque envelope addressed to " TWWD Office, 400 Fish Road, Tiverton, RI 02878", bearing the name and address of the Bidder.

No Bidder may withdraw his Bid within ninety (90) days after the scheduled closing time for receipt of Bid.

The DISTRICT reserves the right to reject any or all proposals or any part thereof, to waive any formality, informality, information and/or errors in the proposal, to accept the proposal considered to be in the best interest of the DISTRICT.

Failure to submit all information as detailed in the RFP documents and/or submission of an unbalanced or incomplete proposal is sufficient reason to declare a proposal as non-responsive and subject to disqualification.

This request for proposals has been, posted publicly as detailed below:

Name	Advertising Medium	Address	Phone	Web Address
Tiverton Wastewater District	Posted on DISTRICT Website	400 Fish Road, Tiverton RI 02878	(401) 625-6701	https://www.twwd.org/dashboard/bidding-opportunities/
Rhode Island Division of Purchases	Purchasing Website	One Capitol Hill, 2nd floor Providence, RI 02908-5855	(401) 574-8100	https://purchasing.ri.gov/bidding/externalbidsearch.aspx

TIVERTON WASTEWATER DISTRICT
Mark Nimiroski, Executive Director

Mark Nimiroski

3/26/, 2024

PROPOSAL DUE DATE/TIME: APRIL 25, 2024 - NO LATER THAN 2:00 PM.

TWWD
REQUEST FOR QUALIFICATIONS AND PROPOSALS
WASTEWATER FACILITIES PLAN UPDATE
SPECIFICATIONS

I. INTRODUCTION

The Tiverton Wastewater District (hereafter referred to as the DISTRICT), is seeking proposals from qualified engineering firms (CONSULTANT) to prepare a comprehensive Wastewater Facilities Plan update. Completion of this update shall include corrections and updates to the GIS mapping of our sewer system and the development of a prioritized short-term and long-term Capital Improvements Plan (CIP) with detailed descriptions and cost estimates. These shall be prepared based on the findings and design criteria for construction, maintenance, and expansion of the sanitary sewer system. Proposals should also include any tasks the CONSULTANT believes are important and should be part of the study. In addition to complying with the scope of work set forth in this RFQ, proposals should also demonstrate the ability to comply with the checklist used by the Rhode Island Department of Environmental Management (RIDEM) to determine eligibility for construction assistance programs using federal funding found in Attachment 1 of this document.

II. BACKGROUND

On July 3, 2014, an act to create and establish the Tiverton Wastewater District (TWWD) was approved by the Governor of Rhode Island. Most wastewater assets were transferred from the Town of Tiverton, Rhode Island (Town), through its Wastewater Management Commission to the Tiverton Wastewater District. Assets not yet transferred are governed by the “Mt. Hope Bay Interceptor Lease and Use Agreement between the Town of Tiverton and Tiverton Wastewater District” dated November 30, 2018. The Tiverton Wastewater District is a “satellite community” as it owns and operates wastewater collection and conveyance infrastructure but relies on the City of Fall River’s wastewater treatment facility (WWTF) for treatment of up to 2.0 million gallons average daily flow in any month and peak flow not to exceed 6.0 million gallons in any day (under the March 31, 2015 “Agreement for Wastewater Treatment between City of Fall River, Massachusetts and Tiverton Wastewater District”).

III. SCOPE OF WORK

Wastewater Facilities Plan Element

- A. The CONSULTANT shall acquaint him/herself with the current Tiverton Wastewater Facilities Plan Update, and other related documents such as OWTS Management Plans, Town of Tiverton, Rhode Island Comprehensive Community Plan July 2017, State Guide Plan, RIDEM requirements, RIPDES permits, Fall River NPDES permit etc. The CONSULTANT shall review and evaluate existing and pending housing and development

legislation and housing projects proposed in the Town of Tiverton as necessary to establish appropriate demographic projections (20 year and full buildout scenarios).

- B. The CONSULTANT shall conduct such data collection and analysis and review existing reports studies, codes, and regulations as is necessary to thoroughly update the Tiverton Wastewater Facilities Plan Update. This data collection and analysis shall include coordinating with RIDEM, City of Fall River, Town of Tiverton, North Tiverton Fire District, Stonebridge Fire District, and others as needed to develop future flow volume and pollutant loadings.
- C. The CONSULTANT shall schedule, prepare for, and attend one (1) Public Workshop and one Public Hearing in addition to meetings with the DISTRICT staff, DISTRICT Board of Directors and Town staff on an as needed basis. As draft chapters are completed, they are to be presented to TWWD staff for review and comment. A stenographer shall be present for the Public Hearing.
- D. The technical scope of work shall consist of the development of a complete Facilities Plan update to be in full conformance with the RIDEM “Wastewater Planning & Design / State Revolving Fund Facilities Plan Review Checklist” (latest revision, as amended), a copy of which (annotated to highlight some TWWD information/specific concerns) is included with this request.
- E. The scope of work shall include detailed inventory of existing sanitary sewer facilities condition assessment of collection system, pumping stations and recommendations for necessary modifications, improvements, or upgrades, and recommendations for terms and conditions of future capacity lease agreements The existing GIS passed inventory produced from as-built plans and system attributes shall be reviewed and updated as necessary (field verification is not required) and recommendations provided for further improvements to track O&M activities and other enhancements to support efficient management of the sewer system.

IV. QUALIFICATIONS

- A. All work is to be performed by firms or individuals within firms having at least ten (10) years of experience in wastewater treatment and conveyance systems design and analysis, and wastewater facilities planning. Firms and/or individuals must have experience with the applicable State regulations and programs, including Facilities Planning, SRF, etc.
- B. A Statement of Qualifications must be submitted as a part of the respondent’s proposal, including a listing of key personnel to be assigned to this project (organizational chart and resumes), relevant experience of the firm and the key personnel, and other pertinent information which identifies the respondent’s ability to perform the work elements listed in Section III “Scope of Work” of this Request for Proposals. A separate list of all intended sub-Consultants must also be provided, identifying the tasks for the sub-Consultant and the (proposed) relationship between the respondent and the sub-Consultant (i.e. joint venture,

straight sub-Consultant basis, etc.). Similar qualifications information is to be supplied for each proposed sub-Consultant.

V. SUBMISSION OF PROPOSAL

Interested parties are to submit three (3) paper copies and one (1) electronic (pdf format) of a Statement of Qualifications and Proposal addressing, at a minimum, their approach to satisfying the requirements stipulated with Section III “Scope of Work” of this Request for Proposals. Included within the Technical Proposal shall be sufficient information that would identify the CONSULTANT’s ability to perform the work within the given project timetable. Particular emphasis should be placed on the CONSULTANT’s experience with comprehensive wastewater treatment and conveyance systems design and analysis, and wastewater facilities planning.

Statements of Qualifications and Proposals in the form and quantity specified shall be submitted on or before 2:00 PM, April 25, 2024, to:

Patricia Nannini, Office Manager
Tiverton Wastewater District
400 Fish Road
Tiverton, RI 02878

From the date of issuance of this Request for Qualifications and Proposals until the opening of the received proposals. Consultants may not speak with TWWD staff about this RFP. All questions or requests for clarification shall be filed in writing to Patricia Nannini, Office Manager via email at: pat@twwd.org no later than April 12, 2024, at 4:00 PM.

All questions will be answered by written Addenda which will be issued on the TWWD’s webpage at <https://www.twwd.org/dashboard/bidding-opportunities/> and the State of Rhode Island's procurement page <https://purchasing.ri.gov/bidding/externalbidsearch.aspx> no later than April 17, 2024, at 4:00 PM. It is the responsibility of the proposer to check for any posted addenda and ensure that the submitted proposal includes said addenda. The TWWD is not responsible for any explanation, clarification, interpretation, or approval made or given in any other manner.

VI. PROJECT TIMETABLES AND DELIVERABLES (Tentative)

- Solicitation of Qualifications and Proposals: March 26, 2024 – April 25, 2024
- Scope of Work and Proposal Negotiation: May 2024
- Selection of CONSULTANT/Award: June 2024

ITEM	DATE
Draft Wastewater Facilities Plan	Nine (9) months after contract award.
Response to RIDEM Review Comments	Twelve (12) months after contract award
Public Hearings	Fourteen (14) months after contract award
Final Wastewater Facilities Plan	Sixteen (16) months after contract award

Text provided in the final version shall be in the latest version of Microsoft Word. Tables, graphs, charts, etc. shall be in the latest version of Microsoft Excel. All mapping shall be done in ArcGIS.

VII. FORM OF AGREEMENT

The successful respondent shall enter into a lump sum agreement in a format acceptable to TWWD. The TWWD reserves the sole right to negotiate a successor agreement for continued professional services of a similar nature and pertinent to this Scope of Work with the selected vendor.

IX. SELECTION CRITERIA

This will be a “Qualifications Based Selection (QBS)” process. Proposals will be examined and technically evaluated based on the factors presented below. It is the responsibility of the CONSULTANT to provide information, evidence or exhibits which clearly demonstrate the ability to satisfactorily respond to the project requirements and the factors listed below. The TWWD will conduct interviews with the three Consultants it considers most highly qualified to provide the services required. The TWWD will select and negotiate a Scope of Work and Contract with the top ranked firm based on the criteria herein as it may apply to the specific Scope of Work.

A. Company Qualifications and Experience (Maximum 25 points)

Specialized design experience is required of the company in a series of work areas - proposals must clearly demonstrate full knowledge, understanding, and experience in the methods, techniques, and guidelines required for the performance of the required work:

1. Experience demonstrated on similar projects.
2. Knowledge of current issues and state of the art techniques in the relevant technical areas.
3. The ability to provide the necessary skills and expertise from in-house resources.
4. Methods for assuring product quality, cost control, delivery schedule, and project oversight (a narrative description of the CONSULTANT’s quality control plan must be included).
5. The CONSULTANT should address the proposed level of effort by task for each employee category.

All preceding elements are of equal importance.

B. Personnel Qualifications and Availability (Maximum 25 points)

Specialized experience is required of the project personnel proposed to undertake the work assignments - proposal must clearly demonstrate the capability, academic background, training, certifications, and experience of the proposed personnel:

1. Availability of the proposed staff must be demonstrated.

2. A demonstrated expertise and ability for rapid turn-around and flexibility on short-term projects.
3. Project Manager(s) must have the ability to effectively direct multiple simultaneous work assignments.
4. Project Manager(s) must have the ability to integrate and utilize interdisciplinary teams effectively on assignments requiring a variety of skills and expertise from in-house resources.

C. Performance Record of Firm (Maximum 25 points) A list of references of at least three (3) recent contracting officers on projects of a similar magnitude and complexity; references must include telephone number and affiliation.

D. Project Understanding (Maximum 25 points)

The CONSULTANT must demonstrate a comprehension of the role and function of this contract in meeting the needs of the TWWD. In addition, CONSULTANT shall have a working knowledge of the geographic area as evidenced by prior work experience in the region and demonstrable experience in wastewater flow and loading projections and conveyance system design.

X. EVALUATION PROCEDURE

A review team consisting of TWWD staff members and others will review and rank all proposals that are received. TWWD will conduct interviews with the three Consultants it considers most highly qualified to provide the services required. A recommendation will then be made to the Executive Director to proceed with Scope of Work and Contract negotiations pursuant to R.I.G.L. 45-55-8.1 prior to making a recommendation to the TWWD Board of Directors for an award.

The evaluation process will include a point scoring scheme as follows:

PROPOSAL EVALUATION

A. Technical Evaluation

- 1) Company Qualifications and Experience (Maximum 25 points)
- 2) Personnel Qualifications and Availability (Maximum 25 points)
- 3) Performance Record (Maximum 25 points)
- 4) Project Understanding (Maximum 25 points)

*Note: Pursuant to R.I.G.L. 45-55-8.1, the selection shall follow the Qualification-Based Selection Process.

List of Attachments

1. Scope of Work - Annotated RIDEM “Wastewater Planning & Design / State Revolving Fund Facilities Plan Review Checklist”
2. List of Available Documents

Attachment 1

Tiverton Wastewater District WASTEWATER FACILITIES PLAN UPDATE

SCOPE OF WORK – Annotated RIDEM “Wastewater Planning & Design / State Revolving Fund Facilities Plan Review Checklist”

This scope of work is based on the Rhode Island Department of Environmental Management (RIIDEM) Wastewater Planning & Design/State Revolving Fund Facilities Plan checklist located here: <https://dem.ri.gov/environmental-protection-bureau/water-resources/permitting/wastewater-treatment-facilities-planning-design>. The Tiverton Wastewater District (TWWD) is a satellite community” as it owns and operates wastewater collection and conveyance infrastructure but relies on the City of Fall River’s wastewater treatment facility (WWTF) for sewage treatment and waste byproducts disposal. There is a difference in state regulations because Tiverton is in Rhode Island and the City of Fall River is in Massachusetts. This makes any planning activities for TWWD more complicated. Each state has a different regulatory structure that will need to be considered in the facilities plan. The scope of work presented here is a guide for proposals to rewrite TWWD facilities plan. Application of the RIDEM checklist needs to reflect the nature of TWWD as a satellite community. Parts of the checklist that apply to the Fall River WWTF and not to TWWD will be noted, and bidders are to understand that they are not responsible to collect data or provide planning for parts of the checklist that do not apply specifically to TWWD. The WWFP will focus on portions of the system owned or operated by TWWD, and any discussion of Fall River’s system should be limited to intermunicipal planning, regional collaboration, and additional physical connections where appropriate.

1) Executive Summary

The CONSULTANT should provide an executive summary of the documentation described in detail below.

2) Previous Studies

Many of the existing conditions within the Town of Tiverton have already been discussed in previous studies. The following list of resources should be included with other sources of information to complete the update of the Tiverton Wastewater District (TWWD) facilities plan.

- a. Wastewater Facilities Plan Update, January 2000.
- b. Tiverton Onsite Wastewater Management Plan, February 2003.
- c. 2011 RIDEM Total Maximum Daily Loading (TMDL) Mount Hope Bay and the Kickemuit River Estuary.
- d. Compilation of Wastewater Facilities Plan Updates by AECOM Revised February 2014 and dated June 2017.
- e. Town of Tiverton, Rhode Island Comprehensive Community Plan July 2017.
- f. Agreement for Wastewater Treatment between Fall River and TWWD, March 31, 2015
- g. Mount Hope Bay Interceptor Lease and Use Agreement between the Town of Tiverton and the Tiverton Wastewater District November 30, 2018.
- h. Operations and Maintenance Agreement between Tri-State Wastewater LLC and Tiverton Wastewater District, June 30, 2023
- i. Short Lived Assets listing, and pump station list included in PS O&M RFP.
- j. O&M Plan

Copies of these reports may be reviewed at the Tiverton Wastewater District (TWWD) offices at 400 Fish Road in Tiverton by appointment. Information that was previously gathered and discussed in these documents shall be reviewed and updated.

3) Scope

The scope of this project is to assess conditions within the Town of Tiverton according to the Rhode Island Facilities Plan Checklist as published by the Department of Environmental Management (RIDEM) (Attachment 1). The purpose is to affirm the proposed alternatives detailed in the last Facilities Plan Updates in 2014 and amended in 2017 that are still viable and to update any that are not. In addition, the plan shall prioritize the needs of the different neighborhoods identified as needing sewers; further refine the southern border of the sewer district and identify costs and funding vehicles necessary to complete the selected plan.

4) Statement of Project Need

The Tiverton Wastewater District (TWWD) previously completed a full rewrite of their facilities plan in 2014, with an amendment completed in 2017 to provide details to accommodate the extension of service to a casino built in the northern part of Tiverton in 2018. Increasing development pressure due to several factors has created an urgent need for a comprehensive rewrite of the facilities plan.

a) Health, Security, Aging Infrastructure, and Resiliency

The facilities plan must consider the needs of public health and prioritize expansion in areas where this is at risk due to failing infrastructure, either public or private. The physical security of TWWD infrastructure as well as security of data, records, and systems should be addressed. Aging infrastructure must be prioritized to ensure that older infrastructure is given priority for maintenance activities. Resilience is another important factor to be considered in planning documentation. Climate change, natural disasters, or other emergencies need to be addressed and backup systems should be built into any plan.

b) Service Area Growth

The facilities plan should consider growth of the TWWD service area, and re-evaluate assumptions made in previous facilities plans.

Draft (USEPA) Fall River, MA WWTF National Point Discharge Elimination System (NPDES) permit, Rhode Island Department of Environmental Management Rules and Regulations for the Operation and Maintenance of Wastewater Treatment Facilities or other regulatory requirements applicable to TWWD.

TWWD may have different requirements from either agency when compared to previous plans. The impact of any changes must be addressed in the plan.

5) Planning Area

The CONSULTANT should consider the entire Town of Tiverton as the planning area. Although in previous planning documents the assumption has been that housing densities in some parts of the Town make it infeasible to expand sewers into that area, current conditions should be analyzed so that the assumption that has been made in previous plans is confirmed with the most recent data.

a) Provide a description of the following:

- i) Planning area (include map)**
- ii) Geographical boundaries (include map)**
- iii) Institutional (governmental unit) structure**
- iv) A description of wastewater utility management structure**
- v) The current rate structure.**
- vi) The entities conducting planning.**

b) Relationship between FP and the Community Comprehensive Plan (CCP)

c) Provide a map(s) which show(s):

- i) Service area.
- ii) Political boundaries.
- iii) Natural (e.g. wetlands, coastal), cultural, historical and archeological resources consistent with CCP inventory.

6) Effluent Limitations

Effluent limits are not applicable to the TWWDD FP but impacts from OWTS in Tiverton on items b and c should be addressed.

- a) Copy of RIPDES permit
- b) Is the receiving water impaired (303(d) List: Category 5)?
- c) Will the project(s) considered in the FP address impacted waters (303(d) List: Cat. 4a, 4b, 5)?

7) Assess Current Situation

The CONSULTANT will review and update current conditions within the study area. Using available data, and estimates where appropriate, the CONSULTANT will analyze the following categories in the planning area in relation to the current sewer infrastructure and usage to set the current baseline.

- a) Existing Environmental Conditions (provide text and maps)
 - i) Geophysical
 - (1) Soils
 - (2) Topography
 - (3) Geology
 - (4) Hydrology
 - ii) Surface water watersheds, wetlands, floodplains, estuarine (coastal) areas and water supply sources.
 - iii) Groundwater aquifers, recharge, and wellhead protection areas.
 - iv) Surface and Groundwater quality, quantity, and uses.
 - v) Documentation of OWTS problem areas.

On-Site Wastewater Disposal Problems

The on-site wastewater disposal system problems within the Northwest section of Tiverton, bordered by the State Line to the North, Mt. Hope Bay and the Sakonnet River to the west, Route 24 to the East and continuing south to Nanaquaket Pond to the south shall be detailed using any available records from the Rhode Island Department of Environmental Management, the Town of Tiverton, or other sources. This task shall include the identification of system repairs and failures, other violations, sewage breakouts, surface and groundwater pollution, excessive septage pumping, on-site inspections, records and water quality sampling results from local, regional and state environmental groups. Relevant information presented in the Town's Onsite Wastewater Management Plan shall be reviewed and incorporated into this section.

RI Cesspool Phase Out Requirements Rhode Island Cesspool Act of 2007 (RIGL § 23-19.15), as amended in 2015,

The RI Cesspool Act mandates provide several different schedules by which all cesspools within the state must, either be upgraded to a new OWTS or connected to a sewer line if one is available. The timelines for cesspool removal are:

If a property is subject to sale or transfer, the cesspool must be removed from service within one year of the closing date;

If a cesspool is failed, the cesspool must be replaced within 1 year of the failure, or less if an imminent threat to public health is identified;

If a cesspool serves a non-residential facility serving more than 20 people per day, or any multifamily dwelling, the cesspool must be replaced as required under current DEM and EPA regulations.

If a cesspool is located within one of the three areas described below, the cesspool must be replaced immediately as they are in violation of the January 1, 2014 deadline:

Within 200 feet of the inland edge of all shoreline features bordering tidal water areas (i.e., Coastal Resources Management Council's jurisdiction);

Within 200 feet of any public wells; or

Within 200 feet of a water body with an intake for a drinking water supply.

Approximately 75 properties in the Riverside Drive area south to the intersection with Main Rd. and 95 properties in what is known as the Robert Gray neighborhood were included in the 200-foot setback from tidal waters established in the RI Cesspool Act and connected to the sewer system during the Phase 1 Sewer Expansion Project that was completed in December 2023.

The CONSULTANT's evaluation of areas to provide sewer service shall include but not be limited to all information available for remaining properties subject to the RI Cesspool Act. Additionally, the cost of requiring property owners to upgrade and operate a conforming septic system shall be calculated. The inspection reports generated by the Town of Tiverton mandatory Inspection & Maintenance program and RIDEM Cesspool Phaseout records may be used to identify and quantify the number of remaining cesspools and analyze the options for providing municipal sewer service. The CONSULTANT shall prepare a short list of up to three options and perform a detailed analysis (cost, feasibility, operation & maintenance) of each. They shall compare the capital and operating costs of each option.

vi) Land-use and demographic data consistent with CCP

Information within the existing Wastewater Facilities Plan shall be updated and utilized to identify and inventory land use, population, and demographic changes over time. Wastewater flow projections shall be provided for 20-year and full build out of the sewer service area alternatives. Understanding the changes that have occurred since the last plan was completed is essential for effective long-term planning of wastewater management in Tiverton. Future land use shall be reviewed and updated based on information provided by the Town of Tiverton Planning Board, Assessors, and other local, state, and federal agencies. The land use projections performed under this plan shall be consistent with the Town's existing Comprehensive Plan where appropriate, but also evaluate proposed development projects and recent affordable housing State Laws may impact population and wastewater flow projections (presented in a manner acceptable to RIDEM). Changes in State Law have created the possibility that currently undeveloped or underdeveloped, privately owned properties may be able to bypass existing zoning, comprehensive planning, and other local bylaws and build higher density housing developments Future development density, zoning classifications, soil types, availability of water and sewer infrastructure, and public facilities all factor into potential development.

vii) Existing System and Flows

(1) Existing System

(a) Wastewater Treatment Facilities (WWTF)

Only general discussion where noted is required. Reporting on the Fall River WWTF will be done separately by the City of Fall River.

(i) Location of all treatment plants, sludge treatment and disposal areas, pretreatment facilities

General discussion that treatment is provided by Fall River. Reporting on the Fall River system will be done separately by the City of Fall River.

(ii) WWTF performance compared to RIPDES permit.

Not required. Reporting on the performance of the Fall River system will be done separately by the City of Fall River.

(iii) Quality of operation and process control

Not required. Current operations should be addressed in the plan and recommendations on changes where necessary.

(iv) Actual number and qualifications of operating staff versus planned/needed

Current staffing levels and qualifications should be analyzed, and recommended modifications provided only for the TWWD collection system, where necessary.

(v) Adequacy of

1. Plant hydraulics

Not required. Reporting on the Fall River system will be done separately by the City of Fall River.

2. Laboratory facilities

Not required. Reporting on the Fall River system will be done separately by the City of Fall River.

3. Sampling & testing

The extent to which sampling may be required by updated reporting requirements by either United States Environmental Protection Agency (USEPA) National Point Discharge Elimination System (NPDES) permits in Massachusetts, or Rhode Island Department of Environmental Management Operations and Maintenance should be addressed.

4. Maintenance program

The maintenance program of the existing infrastructure owned by TWWD should be addressed in the plan.

(vi) Cost recovery and user charges

User charges should be appropriate for the level of service that the customers receive and comparable to similar utilities in the region. This needs to be balanced by having a financially stable agency that can respond to any problems with infrastructure and manage responsible future growth.

(vii) Impact of septage on WWTF

Reporting on the Fall River system will be done separately by the City of Fall River.

(viii) Effluent treatment/reuse methods

Reporting on the Fall River system will be done separately by the City of Fall River.

(ix) Sludge treatment/disposal/reuse methods

Reporting on the Fall River system will be done separately by the City of Fall River.

(x) Flow/waste reduction measures.

Analysis of measures that could be taken by TWWD to reduce flow and waste within the system must be part of the plan. Part of this analysis should be development of a public

education plan that aims to reduce dumping of hazardous or damaging materials into the sewer system.

(b) Collection System: update existing GIS data management and include map

Describe the extent of the existing sewer collection system and flows and identify the limits of the proposed sewer area based on the 2017 Wastewater Facilities Plan Update so that the need for new infrastructure and the impacts on existing facilities can be properly evaluated. The CONSULTANT shall include a written description and a figure developed from updated Graphic Information System (GIS) data and Tiverton Wastewater District (TWWD) records. The GIS data should be updated with the ultimate goal in mind: Providing a framework where TWWD can perform data and asset management using GIS tools. The following categories should be addressed in this section.

(i) Location of all pumping stations, sewers, and connections.

(ii) Number and location of service connections and population currently served by sewers.

(iii) Present design service population.

(iv) Location and description of major industrial discharges.

(v) Location of all bypasses and overflows.

viii) Existing Flows and Waste loads

Recent water consumption records (previous 5 years) from the Stonebridge Fire District and North Tiverton Fire District shall be supplied by the Town. Evaluate the data to determine residential per capita and dwelling unit usage as well as total commercial and industrial water usage. The following categories should be addressed in this section.

(1) Monthly average, maximum month, maximum day and peak hour flows

(2) Dry and wet weather

(3) Septage (in-town and out-of-town)

(4) Combined sewer overflows

(5) Proportion and quantity of flow attributed to infiltration/inflow.

(6) Wastewater characteristics (BOD, TSS, TN, TP, Ammonia, etc.)

The extent to which sampling may be required by updated reporting requirements by either United States Environmental Protection Agency (USEPA) National Point Discharge Elimination System (NPDES) permits in Massachusetts, or Rhode Island Point Discharge Elimination System (RIPDES) permits in Rhode Island should be addressed.

(7) Proportion of residential/commercial/industrial flows

8) Assess Future Situation (Twenty-Year and Ultimate buildout Planning Period)

The CONSULTANT will assess future conditions for the planning period in relation to the previously developed plans. Projections should consider land use, population, demographic, and economic trends and how they will affect existing wastewater flows. The effect of increased flows on existing infrastructure, and what infrastructure upgrades and additions will need to be considered to meet those needs. Cost estimates should be included in this analysis.

a) Land-use Forecasts.

Future land use shall be reviewed and updated based on information provided by the Town of Tiverton Planning Board, Assessors, and other local, state, and federal agencies. The land use projections performed under this plan shall be consistent with the Town's existing Comprehensive Plan where appropriate.

i) Consistent with local CCP.

The land use projections performed under this plan shall be consistent with the Town's existing Comprehensive Plan where appropriate, but also evaluate proposed development projects and recent affordable housing State Laws may impact population and wastewater flow projections (presented in a manner acceptable to RIDEM). Changes in State Law have created the possibility that currently undeveloped or underdeveloped, privately owned properties may be able to bypass existing zoning, comprehensive planning, and other local bylaws and build higher density housing developments. Future development density, zoning classifications, soil types, availability of water and sewer infrastructure, and public facilities all factor into potential development.

ii) Utilized in estimating future development.

Future development density, zoning classifications, soil types, availability of water and sewer infrastructure, and public facilities all factor into potential development.

iii) Utilized in estimating future waste loads.

The Town has previously defined the proposed sewer service area as North Tiverton, portions of East Tiverton and Stonebridge North of Route 24. This service area needs to be re-evaluated as stated above. Wastewater flow projections which have previously been completed shall be updated for the 20-year planning period using population projections as updated above, demographic data, land-use, water-use and documentation from previous reports. A breakdown of the wastewater flows shall be presented identifying residential, commercial, industrial, institutional, and infiltration/inflow flows for both the initial and design years. Flow values shall be further delineated geographically in the planning area. The estimates shall be based on water supply records adjusted for consumption and other losses. An estimate of per capita and per household wastewater flow shall be generated.

b) Demographic Forecasts (consistent with State Guide Plan (SGP)).

Population projections shall be reviewed and updated from the previous reports. Projections shall be based on an analysis of current growth trends and an estimate of future residential, commercial, and industrial growth.

c) Socioeconomic Forecasts (consistent with SGP).

Socioeconomic projections shall be reviewed and updated from the previous reports. Projections shall be based on an analysis of current growth trends and an estimate of future residential, commercial, and industrial growth.

i) Industrial projections

ii) Commercial projections

iii) Median household income or other financial data

iv) Designated environmental justice area(s)

d) Forecasted Flows and Waste loads.

Projections of flows and waste loads shall be reviewed and updated from the previous reports. Projections shall be based on an analysis of current growth trends and an estimate of future residential, commercial, and industrial growth, and consistent with the CCP as appropriate.

i) Residential

(1) Residential wastewater strength approximates 0.17 lb/day BOD, 0.2 lb/day TSS

(2) Domestic future flows are based on analysis of flow records and/or approximates 70 gpcd

(3) Sewer service area extensions consistent with CCP.

ii) Industrial

(1) Future industrial flows are consistent with similar flows and loads within the service area.

(2) Forecasted future industrial flows are consistent with the CCP.

iii) Commercial

- (1) Future commercial flows are consistent with similar flows and loads within the service area
- (2) Forecasted future commercial flows are consistent with the CCP.

iv) Septage

- (1) Septage forecasts are based on sewer/unsewered forecasts in CCP.
- (2) Septage forecasts consider domestic, industrial, and commercial sources.
- (3) Out-of-town septage considered in forecasts.

v) Sludge treatment and disposal

Not required. Sludge treatment and disposal will be part of reporting on the Fall River system and will be done separately by the City of Fall River.

- (1) Forecasts quantity and composition of sludge generated from WWTF treatment process(es) and septage.
- (2) Forecasts quantity and composition of sludge from sludge treatment and dewatering process.
- (3) Method for final disposal of sludge complies with DEM's Sewage Sludge Management Regulations.
- (4) If method for final disposal is for liquid sludge only, ability to dewater sludge is still maintained.

vi) Flow and waste load reduction programs.

The CONSULTANT will evaluate TWWD current waste load reduction programs and make recommendations where improvements can be made. The following categories will be considered.

(1) Infiltration/Inflow (I/I)

- (a) Does an I/I study exist for the sewer service area?
- (b) Does excessive I/I exist by DEM criteria? (i.e. 120 gpcd of infiltration during periods of high groundwater, and during a storm event inflow flow does not exceed 275 gpcd or cause WWTF operational problems)
- (c) Does a sewer rehabilitation program (SSES) exist or is one proposed which includes a cost-effectiveness analysis of reduction versus treatment costs, scope of work, cost estimates, and schedule for completion which is reasonable and represents realistic expectations for excessive I/I reduction?

(2) Pretreatment

- (a) Is the Pretreatment Program currently in compliance with DEM regulations?

e) Climate Change and Resiliency

Wastewater infrastructure will need to be resilient to the impacts of climate change. To that end the FP must address the following:

TWWD FP will address climate change and resiliency concerns outlined below in infrastructure that is owned by TWWD. Fall River will address potential issues with the plant infrastructure as part of their facilities plan.

- i) Consistency with DEM's Guidance for the Consideration of Climate Change Impacts in the Planning and Design of Municipal Wastewater Collection and Treatment Infrastructure
- ii) Implementation of projects and/or improvements identified in any WWTF Resiliency Plan required under the RIPDES permit.

9) Development and Evaluation of Alternatives

All reasonable alternatives generated must be based upon and consistent with the local CCP and the SGP and must be evaluated to include the following factors: no action alternative; direct, indirect, beneficial, and detrimental impacts of the entire municipal wastewater treatment system on all other related environmental objectives; existing and future environmental conditions, including all other related environmental objectives, affected by the entire system; the total life-cycle costs of the alternative, including net annualized cost; land-

use and other socioeconomic parameters affected by the entire system; cumulative impacts evaluated within the context of complete municipal treatment system as well as other public works projects and future community growth.

Inter-municipal Agreement

The Tiverton Wastewater District has an agreement in place with the City of Fall River, MA that will allow Tiverton to discharge an average daily wastewater volume of 2.0 million gallons to the Fall River collection and treatment system. Based on the design year flow rates projected in Section 8, the adequacy of the flow allocation for Tiverton shall be evaluated and necessary modifications to the agreement recommended. Current operations and maintenance costs charged by the City of Fall River shall be incorporated into the evaluation so that the financial impacts to system users can be identified.

Formation of a Sewer District

Tiverton Wastewater District (TWWD) was formed in 2014 through RI General Law 2014 S2805, and as amended in RIGL 14 LA-162 (14 LA-162 RIGL §2805 2014). TWWD is set up as a non-profit municipal corporation and can collect taxes from customers within its service area if necessary. TWWD is governed by the rules of the RI open meetings act (RIGL 42-46-6). TWWD is authorized to acquire, own, develop, operate, maintain, repair, improve, enlarge, and extend the wastewater collection, treatment, and disposal facilities within and without the borders of the district. As part of any analysis of funding mechanisms, the potential for charging tax should be one of the options considered and the pros and cons analyzed.

a) Optimizing Existing Facilities (i.e. “no-build” alternative)

As it relates to expansion of TWWD infrastructure, a no-build alternative should be considered as one option moving forward for the DISTRICTas outlined below. Given that TWWD is a satellite community there are few opportunities for optimizing existing facilities if goals to expand into existing areas where there are problems with individual septic systems currently exist are to be met.

- i) The optimum performance level possible with the existing process design**
- ii) The age and reliability of existing equipment and its remaining useful life**
- iii) The qualifications, number and training of current operating personnel**
- iv) Additional operating modifications/improvements and laboratory facilities needed to monitor and/or improve operations.**
- v) Possible process or operational modifications**
- vi) The impact of reducing I/I or other flow and waste reduction programs including storm water (i.e. integrated planning)**

b) Regional Solutions

Regionalizing facilities and services must be considered. An analysis of regional solutions should address the following special considerations:

In addition to Tiverton, there are two other municipalities with an intermunicipal agreement with The City of Fall River for wastewater treatment: Freetown and Westport. Coordination, cooperation, and mutual support with these neighboring communities should be considered at a minimum, and consolidation or additional intermunicipal agreements where it makes sense for cost efficiency, or other improvements or addition of services.

- i) Effects of interceptor location on land use, particularly where land is undeveloped.**

This is a very timely issue and needs to be carefully considered with any long-term planning that would consider expansion.

ii) Effects of alternative combinations on surface waters in the region.

iii) Possible limitation on future expansion due to unavailability of land.

This is not generally a concern for TWWD as the majority of expansion would take place with infrastructure installed under public rights of way. The only exception to this would be pumping stations, so planning must carefully consider where stations would be located. Whether there is land available for WWTF expansion will be considered in the City of Fall River's planning documentation.

iv) Differences in reliability, operation, and maintenance of facilities.

v) The regionalization alternative is consistent with the recommendations of the applicable water quality management (WQM) plan/TMDL and the SGP.

vi) Are there inter-municipal service agreements?

While there are not currently inter-municipal service agreements in place, TWWD should investigate the possibility of entering into such agreements. In addition to Tiverton, there are two other municipalities with an existing intermunicipal agreement with The City of Fall River for wastewater treatment: Freetown and Westport.

vii) Evaluates cost savings realized through economies of scale/more efficient operation.

Costs associated with any regional solutions should be considered in the facilities plan.

c) Unsewered Areas

If after a public meeting, the recommendation of this section is to implement an OWTS management program solely featuring the repair/replacement of individual systems on individual lots, then the community may elect to end the facilities planning process for unsewered areas at this point and request a Categorical Exclusion. The information developed to this point shall be used to justify the Categorical Exclusion request. A group or community OWTS unit cannot qualify for a Categorical Exclusion.

i) Description of the unsewered area

(a) Identification of the approximate number, type, and location of OWTS

(b) Map of the unsewered area

(c) Identification of the approximate number of and impacts of failed/failing systems on surface and ground water.

(d) An analysis of the cause(s) in OWTS failure area(s).

(e) An estimated cost for repairing/replacing failed OWTS in the area.

ii) Assessment of the continued use of OWTS within the unsewered area(s). If continued use is found to be unsuitable, evaluate alternatives (e.g. septic system management program, advanced OWTS, cluster systems, sewers) for other means of wastewater disposal and establish a schedule for implementation of those alternatives. (Note: this assessment can form the basis for an Onsite Wastewater Management Plan (OWMP) but is not, in and of itself, an OWMP.

iii) Description of a method to ensure regular OWTS maintenance including, but not limited to: an information and education initiative with a method for tracking maintenance activities; an information and education initiative with inspection and maintenance incentives (e.g. pump-out subsidies); a requirement for regular inspection and maintenance.

The Town of Tiverton currently manages OWTS maintenance using a contractor. Any efforts by TWWD in this area would be redundant. TWWD does however ensure that unsewered properties in the sewered area are connected if their OWTS fails to comply or reaches an age where connection would be mandatory.

- iv) **Description of a community assistance program for OWTS repair/replacement. At a minimum this should include:**

(This program is managed by the Town of Tiverton).

- (a) **The nature and extent of the assistance to be provided to the community (i.e. financial, technical, etc.)**
- (b) **Application procedure and any community-imposed eligibility requirements**
- (c) **Method to advertise the assistance.**
- (d) **Designation of a party responsible for the assistance program**
- (e) **Estimated cost(s) for OWTS management program as described.**

d) Sewer Extensions

The phased expansion of sewer areas as proposed should be revisited given the length of time since it was proposed. In particular, the scope and scale of each phase should be considered, and areas that are not assigned a phase, or completed areas should be updated and presented in maps and GIS based tools. Extensions should be considered with the context below.

- i) **The need for sewers is justified and documented, including justification for abandoning OWTS rather than implementing a wastewater management district (WWMD)**
- ii) **Consideration is given to conveyance of treated wastewater by small diameter, low-pressure, vacuum, or variable grade sewers.**
- iii) **Alternative methods of collection and disposal have been evaluated and compared to conventional sewers with regard to total costs and environmental impacts.**
- iv) **The sewers will not encourage or induce development in identified environmentally sensitive areas (e.g. wetlands, prime farmland)**
- v) **The sewers are aligned and designed so construction will minimize impacts to identified environmentally sensitive areas.**
- vi) **Preliminary designs and the resulting cost estimates reflect state design guidelines.**

e) Combined Sewer Overflows (CSOs)

CSO considerations will be addressed by the City of Fall River in their planning documentation.

- i) **Does the municipality/sewer authority have an approved Long-Term Control Plan (LTCP) and, if so, are the CSO controls in the FP consistent with the CSO controls in the approved LTCP?**

If yes to item i above, no further evaluation is necessary. If no, the FP must include an evaluation consistent with items 2-6 below. The plan for control of pollution from CSOs must be considered if application of Best Available Technology (BAT) for wet-weather flows would not meet water quality standards. Where measures are to be considered for CSOs, the FP is to evaluate the following for a 20-year planning period.

- ii) **Alternative control techniques and management practices that could attain various levels of pollution control.**
- iii) **Cost of achieving various levels of pollution control by each of the control techniques that appear to be most feasible and cost effective.**
- iv) **Benefits to receiving waters of a range of pollution control alternatives during wet weather conditions.**
- v) **Costs and benefits from addition of advanced wastewater treatment (AWT) processes or dry weather flows in the area as an alternative to CSO control.**
- vi) **A final alternative selected for control of CSOs must meet the following criteria:**
 - (1) **Recommendations are consistent with the RI CSO Policy**
- vii) **Provision has been made for treatment to RIPDES effluent limits of all dry weather flows in the planning area**

f) Septage Treatment and Disposal

- i) Does the FP consider a WWMD as the mechanism for regulating septage?**
- ii) Has the applicant given appropriate consideration to current and future septage treatment and disposal by evaluating several alternatives?**
- iii) Do the alternatives evaluated include regionalized treatment and disposal at an existing WWTF?**

g) Treatment Technologies

Not Required. Treatment Technologies will be addressed in planning documentation completed by the City of Fall River.

- i) Evaluated treatment technologies capable of meeting RIPDES effluent limits**
- ii) Small communities (usually populations of 10,000 or less) have considered low cost treatment technologies**
- iii) Treatment process appropriate for the character and quantity of the wastewater and the size and location of the community**
- iv) Treatment technologies evaluated for water and energy efficiency**

h) Sludge Treatment and Disposal

Not required. Sludge Treatment and Disposal will be addressed in planning documentation completed by the City of Fall River.

- i) Sludge treatment and disposal methods comply with regulatory requirements of applicable state and federal laws (e.g. RI Clean Air Act, RI Groundwater Protection Act, Resource Conservation and Recovery Act)**
- ii) Appropriate consideration given to sludge treatment and disposal by evaluating several alternatives**
- iii) Selected/evaluated sludge treatment and disposal method(s) appropriate to the size and location of the project**
- iv) Consideration given to sludge treatment and disposal alternatives which recycle or reclaim sludge such as methane recovery, self-sustaining incineration, composting, and land application I.**

i) Environmental

Environmental impacts will be assessed for TWWD owned infrastructure. Any other infrastructure will be assessed by the City of Fall River in their planning documentation.

- i) Forecasts the future environment in the planning area without the proposed project(s) (i.e. "no build" alternative)**
- ii) Direct Impacts**
 - (1) Disruption of traffic, business or other daily activities during construction.**
 - (2) Damage to historical, archaeological, cultural, prime farmlands or recreational areas during construction or permanently.**
 - (3) Disturbance of sensitive ecosystems such as wetlands, essential fish habitats, floodplains, and habitats of endangered or threatened species during construction or permanently.**
 - (4) Pollution of surface waters due to erosion in the project(s) area(s) during or after construction.**
 - (5) Impacts on water quality from WWTF effluent discharge(s) during construction or operation.**
 - (6) Displacements of households, businesses, or services during construction or permanently (indicate how many).**
 - (7) Visual impacts resulting from the project.**
 - (8) Increased air or noise pollution, solid waste production, or demand for potable water from induced changes in population and land use.**
 - (9) Impacts to barrier beaches and other coastal zone features.**

- iii) **Indirect Impacts**
 - (1) Adequate discussion of indirect impacts.
 - (2) Special attention given to determine that the project(s) will not violate federal, state, or local laws.
 - (3) Consideration given to impacts on induced sprawl.
- iv) **General Aspects**
 - (1) Adequate consideration of cumulative impacts
 - (2) Mitigation measures specified for direct and indirect detrimental impacts.
- v) **Summary of Environmental Considerations**
 - (1) Summary of the existing system and environmental needs
 - (2) Summary of the future environment without the project
 - (3) Summary of the alternatives generation, evaluation, and selection process which led to the preferred alternative.

j) Phased Construction

- i) Determine if adding plant capacity or extending sewers in phases during the planning period is more cost effective/affordable than full construction initially.
- ii) Compare the relative cost of providing full capacity initially to the present worth of deferred costs for providing capacity when needed.

k) Is this a multiple purpose project? (i.e. meets RIPDES permit requirements, but also may serve agricultural, recreational, commercial, industrial, water supply, or energy production purposes).

Although it is unlikely that any TWWDD sewer expansion would meet multiple purposes, this possibility should be given at least a cursory analysis.

l) Financial

The financial conditions of the phased construction of sewer expansion as detailed above should be updated.

- i) **For phased construction, develop a schedule and an affordable financing plan for the construction of all contracts, to provide adequate capacity for wastewater treatment needs during the twenty-year planning period.**
- ii) **Construction and costs consistent with the implementation and capital improvement budget elements of the CCP for the next five years.**
- iii) **Rate structure analysis performed that defines the least expensive cost recovery/rate increases necessary to build the contracts proposed in the FP.**

10) Plan Selection

As it pertains to the different scenarios, the description of which plan was selected should be described in detail as described below.

a) Selected Plan

- i) **Summary of why the proposed plan was selected.**
- ii) **Narrative summary demonstrating that the proposed plan is cost-effective and environmentally sound.**
- iii) **Summary of how the selected alternative will address and comply with federal, state, and local environmental laws and regulations.**

b) Evaluation and Ranking of Proposals

- i) **Engineering considerations (e.g. reliability, energy use, process complexity) used to evaluate and select the plan.**
- ii) **Monetary considerations (e.g. capital costs, annual O&M costs, cost per user/household/capita) used to evaluate and select the plan.**
- iii) **Waste reduction, recycling, and reclamation considered in evaluating and selecting the plan.**

- iv) Legal, institutional, and financial constraints considered in evaluating and selecting the plan.
- c) Environmental Impacts of Selected Alternative
 - i) Unavoidable detrimental impacts identified.
 - ii) Mitigation measures for unavoidable detrimental impacts identified.
 - iii) Irretrievable and irreversible commitments of resources identified.
 - iv) Relationship between short-term impacts to the environment and the maintenance and/or enhancement of long-term environmental benefits.
 - v) Mitigation measures for all significant detrimental impacts.

11) Plan Implementation

Discussion of the plan implementation should be included as described below.

- a) Implementation Steps (including phased construction).
- b) Implementation/construction schedule (if necessary to implement the FP) consistent with enforceable requirements of the RIPDES discharge permit.
- c) Operation and Maintenance.
 - i) Staffing plan for both the WWTF and collection system.

12) Preliminary Design and Cost Estimates

Discussion of the plan implementation should be included as described below.

- a) Basic design criteria that meet state guidelines.
- b) If applicable, explanation of whether each phased contract will result in a fully operational component of the plan.
- c) Detailed cost estimates along with a current ENR cost index number.

13) Cost and Effectiveness

Evaluate the cost and effectiveness of the process, materials, techniques, and technologies for carrying out the proposed project(s). The selection of a project or activity that maximizes the following factors must also be considered:

Discussion of why the plan provides cost-effective wastewater treatment for TWWD customers should be included as described below.

- a) Efficient water use, reuse, recapture, and conservation
- b) Energy conservation
- c) Cost of construction
- d) Cost of operating and maintaining the project over the life of the project
- e) The cost of replacing the project

14) Fiscal Sustainability Plan (FSP)

The recipient of a loan for a project that involves the repair, replacement, or expansion of a publicly owned treatment works must develop and implement an FSP that includes, at minimum, the following factors:

(Discussion of the fiscal sustainability of the TWWD should be included as described below.)

- a) Inventory of critical assets that are part of the treatment works.
- b) Evaluation of the condition and performance of inventoried assets or asset groupings.
- c) Certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan.
- d) A plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.
- e) FSP to be regularly reviewed, revised, expanded and implemented as a part of the operation and management of the system.

15) Public Participation

Public participation in the plan should be included as described below.

- a) Public participation program implemented which adequately informed the public of the project alternatives and provided a mechanism for comment.**
- b) Public meeting/workshop held to solicit further public comment at the point where several reasonable alternatives were identified for detailed study.**
- c) Meetings/workshops held with the Planning Board and Town Council.**
- d) Public notice of a scoping meeting (if an EIS is necessary).**
- e) Public hearing held to present the final DRAFT FP and EA/EIS.**
- f) Discussion of any substantive public comments.**
- g) Copies of all agency and substantive public comments appended to the FP.**
- h) Responses to all substantive comments.**
- i) Views of the public considered in selecting the preferred alternative.**

16) . Intergovernmental Review

Review and approval of the Facilities Plan should include the following.

- a) Copies of the FP recommended alternatives sent to the agencies indicated on DEM's Intergovernmental Review Contacts list.**
- b) Copies of all intergovernmental review correspondence appended to the FP**

Attachment 2

Tiverton Wastewater District WASTEWATER FACILITIES PLAN UPDATE

List of available documents (online at <https://www.twwd.org/dashboard/bidding-opportunities/> and or the DISTRICT Offices)

- a. Wastewater Facilities Plan Update, January 2000.
- b. Tiverton Onsite Wastewater Management Plan, February 2003.
- c. 2011 RIDEM Total Maximum Daily Loading (TMDL) Mount Hope Bay and the Kickemuit River Estuary.
- d. Compilation of Wastewater Facilities Plan Updates by AECOM Revised February 2014 and dated June 2017.
- e. Town of Tiverton, Rhode Island Comprehensive Community Plan July 2017.
- f. Agreement for Wastewater Treatment between Fall River and TWWD, March 31, 2015
- g. Mount Hope Bay Interceptor Lease and Use Agreement between the Town of Tiverton and the Tiverton Wastewater District November 30, 2018.
- h. Operations and Maintenance Agreement between Tri-State Wastewater LLC and Tiverton Wastewater District, June 30, 2023
- i. TWWD Inventory Assets.
- j. O&M Plan