Part I

Applicant Information and Certification

(Attach additional pages as necessary)

1. LOCAL GOVERNMENTAL	UNIT (LGU)		
LGU Name: City of Taunton	Dept. of Rever	nue ID No.: 04001320	FEIN 046-001-320
Authorized Representative: Shau	nna O'Connell	Title: Mayor	
Street/P.0. Box: 15 Summer Stre	et		
City/Town: Taunton	State: MA	Z	ip: 02780
Telephone: 508-821-1000	Fax:	E-Mail: soconr	nell@taunton-ma.gov

2. LGU CONTACT PERSON (Name: Fred Cornaglia		Title: DPW Commissioner
Mailing Address (if different from	n item 1)	
Street/P.O. Box: 90 Ingell Street		
City/Town: Taunton	State: MA	Zip: 02780
Telephone: 502-821-1431	Fax:	E-Mail: fcornaglia@taunton-ma.gov

3. ENGINEER OR CONSULTA	ANT FIRM	
Firm/Agency: BETA Group, Inc.		FEIN 05-0398907
Contact Person: Michael Andrus,	P.E.	
Mailing Address	destructions and destruction and the second and th The second and the se	
Street/P.O. Box: 701 George Wa	shington Hwy	
City/Town: Lincoln	State: RI	Zip 02865
Telephone: 401-333-2382	Fax:	E-Mail: mandrus@beta-inc.com

4. CWSRF PROJECT IDENTIFICATION NUMBER	5. AMOUNT OF ASSISTANCE REQUESTED \$
ID No. from Current Priority List: 6796	\$ 3,000,000
Project Description:	

2022 Sewer & Drain Improvements - repairs and replacement of wastewater and stormwater infrastructure to remove infiltration and inflow (I/I).

6. CERTIFICATION

In submitting this Application to MassDEP, the Applicant certifies that it shall comply with the following Project related conditions, and understands that the Applicant's non-compliance with one or more of these conditions may preclude MassDEP's issuance of a Project Approval Certificate or entry into a Project Regulatory Agreement.

- (1) The Applicant shall obtain MassDEP's prior written approval to: (a) advertise any Invitation To Bid or Request for Proposals to procure contracts for the Project; and (b) award any contracts for the Project.
- (2) The Borrower shall comply with the (a) the Civil Rights Act of 1964, 42 USC s.2000(1) et seq., as amended, Section 13 of the Federal Water Pollution Control Act (FWPCA) of 1972; Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, (b) the Equal Employment Opportunity requirements (Executive Order 11246), and all Executive Orders and regulations promulgated thereunder, and (c) the Affirmative Action and Minority/Women Business Enterprise ("M/WBE") requirements in the Regulations and the federal Disadvantaged Business (DBE) rule. The Borrower shall ensure that any prime contracts or subcontracts for services, construction, goods, or equipment for the Project contain the DM/DWBE utilization goals of 4.2% D/MBE and 4.5% D/WBE.

- (3) The Applicant shall at all times provide and maintain competent and adequate resident supervision and inspection of the Project under the direction of a licensed professional engineer. Such resident site engineer shall ensure that the implementation of the Project conforms with the approved plans and specifications, and shall certify to the Applicant and MassDEP at the completion of the Project that the implementation of the Project is in accordance with MassDEP approved final plans and specifications for the Project. The Applicant also agrees to submit an executed copy of the contract for resident site engineering services to MassDEP within sixty (60) days of the date of the contract award. The Applicant understands that no payments for the Project will be processed until such contract has been submitted to MassDEP.
- (4) Prior to receiving final payment for the Project, the Applicant shall certify to MassDEP that the Project has been completed and performed in accordance with the Project Regulatory Agreement.
- (5) The Applicant shall be solely responsible for the implementation and completion of the Project in accordance with MassDEP approved plans and specifications and MassDEP permit(s) issued for the Project, and for the economical and efficient operation and administration of the Project. The Applicant's responsibilities include retaining sufficient operating personnel and conducting operational tests and other needed evaluations to ensure the economical and efficient operation and administration of the Project.
- (6) The Applicant shall establish accounts for the Project, which shall be maintained in accordance with generally accepted government accounting standards.
- (7) The Applicant understands that if MassDEP issues a Project Approval Certificate for this project, such action does not constitute MassDEP's sanction or approval of any changes or deviation from any applicable state regulatory or permit standards, criteria, or conditions, or from the terms or schedules of state enforcement actions or orders applicable to the Project.
- (8) The Applicant shall maintain all Project records for seven years after the issuance of final payment or until any litigation, appeal, claim, or audit that is begun before the end of the seven-year period is completed and resolved, whichever is longer.
- (9) The Applicant agrees to provide any Project information and documentation requested by MassDEP.
- (10) The Applicant shall obtain fee simple title or such other property interest in the Project site, including any easements and rights-of-way, necessary to ensure the undisturbed use and possession of the Project site for the purposes of implementation and operation of the Project for its estimated life.
- (11) Any proposed change in Project-related contracts, which substantially modifies the Project initially proposed, shall be submitted to MassDEP for prior approval.
- (12) The Applicant's implementation of the Project, including the procurement of related contracts, shall comply with all applicable requirements of state and local laws, ordinances, by-laws, rules, and regulations.
- (13) MassDEP representatives shall have access to Project work whenever it is in preparation or progress and shall be provided proper facilities for such Project access and inspection. All the Applicant's construction and other relevant contracts shall contain the above provision.

To the best of my knowledge and belief, data provided in this application is true and correct; the documentation has been duly authorized by the governing body of the applicant. Furthermore, the applicant certifies that it possesses the legal authority to apply for the loan, and to finance and construct the proposed facilities. A resolution, motion, or similar action has been duly adopted or passed as an official act of the applicant's governing body, authorizing the filing of the application. The same resolution, motion, or similar action is directing and authorizing the person identified below as the authorized representative of the applicant to act in connection with the application and to provide such additional information as may be required.

Name of Representative	Title
(Type)	
Shaunna O'Connell	Mayor
Signature of Representative	Date
Training (longel	10-14.2021
January January	

Project Section Information

3. Summary of Costs	Total Costs	Eligible Cost	InEligible Cost
Construction Contingency (max. 10% pre-bid; 5% post-bid)	\$ 102,500	\$ 102,500	
Total Control of the	0\$		
Construction Services	\$ 266,500	\$ 266,500	
Engineering Services (BETA)	\$ 205,000	\$ 205,000	
	0\$		
The state of the s	0\$		
	0\$		
Other (specify)	\$0		
The state of the s	0\$		
	0\$		
	\$0		
	0 \$		
	0\$		
Police – Traffic Detail	\$ 171,000	\$ 171,000	
TOTAL	\$ 3,000,000	TOTAL \$ 3,000,000 \$ 3,000,000	8 0

Date of Estimate: 2/24/2020 ENR Construction Cost Index: 11,500

Part II

4. Environmental Benefits (*Response required) https://www.epa.gov/cwsrf

A. Population Served			ANSWER
1	Population Served by the Project*	Report the number of people estimated to be served by the project upon its completion.	10,000
2	Project Part of a Wastewater Treatment Facility or Collection System)?*	Select Yes if this project is part of a wastewater treatment facility or collection system. "Yes" should also be selected if the project is part of a decentralized collection system.	Yes No No
3	Population Served by System*	Enter the number of people connected to the discrete, permitted facility or system that the CWSRF funded project affects.	10,000

B. N	. Non-CWSRF Federal Funding		
1	Do the projects funded under this assistance agreement receive non-CWSRF funding from another federal program*	Select Yes if the projects funded under this assistance agreement will receive non-CWSRF funding from another federal program.	Yes No 🗸
	If Yes: Water Infrastructure Finance and Innovation Act Program Funding (\$)*	Identify the amount of non-SRF project funding that will come from the Water Infrastructure Finance and Innovation Act (WIFIA) program.	\$
	If Yes: USDA Rural Development Water and Environmental Programs (\$)*	Identify the amount of non-SRF project funding that will come from the USDA Rural Development Water and Environmental Programs.	\$
	If Yes: HUD Community Development Block Grants (\$)*	Identify the amount of non-SRF project funding that will come from the HUD Community Development Block Grants (CDBG).	\$
	If Yes: EPA Nonpoint Source Management Grants (\$)*	Identify the amount of non-CWSRF project funding that will come from the EPA Section 319 Nonpoint Source Management Grants.	\$
	If Yes: Other Amount (\$)*	Identify the amount of non-SRF project funding that will come from another federal source not currently listed.	\$

C. N	C. Non-CWSRF State Funding		
1	Do the projects funded under this assistance agreement receive non-CWSRF funding from another state program?*	Select Yes if the projects will receive non-CWSRF funding from another state program.	Yes No 🗸
	If Yes: DWSRF (\$)*	Identify the amount of project funding that will come from the DWSRF.	\$
	If Yes: Non-SRF State Loan Program (\$)*	Identify the amount of non-SRF project funding that will come from state loan programs.	\$
	If Yes: State Grant Program (\$)*	Identify the amount of non-SRF project funding that will come from state grant programs.	\$
	If Yes: Other Amount(\$)*	Identify the amount of non-SRF project funding that will come from another state source not currently listed.	\$

CWSRF Funding by	Project Category	PERCE OF PROJE
Secondary Treatment* (%)	This category includes costs necessary to meet the minimum level of treatment that must be maintained by all treatment facilities, except those facilities granted waivers of secondary treatment for marine discharges under section 301(h) of the Clean Water Act. Secondary treatment typically requires a treatment level that produces an effluent quality of 30 mg/l of both 5-day Biochemical Oxygen Demand (BOD5) and total suspended solids (secondary treatment levels required for some lagoon systems may be less stringent). In addition, the secondary treatment must remove 85 percent of BOD5 and total suspended solids from the influent wastewater. Replacement or installation of individual or community septic systems or other decentralized treatment approaches are reported in Category: Individual/Decentralized Sewage Treatment.	
Advanced Treatment* (%)	This category includes costs necessary to attain a level of treatment that is more stringent than secondary treatment or produce a significant reduction in nonconventional or toxic pollutants present in the wastewater treated by a facility. A facility is considered to have Advanced Wastewater Treatment if its permit includes one or more of the following: Biochemical Oxygen Demand (BOD) less than 20mg/l; Nitrogen Removal; Phosphorous Removal; Ammonia Removal; Metal Removal; Synthetic Organic Removal.	
Infiltration/inflow Correction* (%)	This category includes costs for correction of sewer system infiltration/inflow problems. Infiltration includes controlling the penetration of water into a sanitary or combined sewer system from the ground through defective pipes or manholes. Inflow includes controlling the penetration of water into the system from drains, storm sewers, and other improper entries.	75
Sewer System Rehabilitation* (%)	This category includes costs for the maintenance, reinforcement, or reconstruction of structurally deteriorating sanitary or combined sewers. The corrective actions must be necessary to maintain the structural integrity of the system.	25
New Collector Sewers* (%)	This category includes costs of new pipes used to collect and carry wastewater from a sanitary or industrial wastewater source to an interceptor sewer that will convey the wastewater to a treatment facility. Construction of a collector sewer to transport wastes to a cluster septic system or other decentralized facility are reported in Category: Individual/Decentralized Sewage Treatment.	
New Interceptor* (%)	This category includes costs for constructing new interceptor sewers and pumping stations to convey wastewater from collection sewer systems to a treatment facility or to another interceptor sewer. This category includes costs for relief sewers.	
CSO Correction – Grey Infrastructure* (%)	This category includes measures used to achieve water quality objectives by preventing or controlling periodic discharges of a mixture of storm water and untreated wastewater (combined sewer overflows) that occur when the capacity of a sewer system is exceeded during a wet weather event. This category does not include costs for overflow control allocated to flood control or drainage improvement, or treatment or control of storm water in separate storm and drainage systems.	
CSO Correction - Green Infrastructure* (%)	This category includes needs and costs to prevent or control the periodic discharges of mixed stormwater and untreated wastewater that occur when the capacity of a sewer system is exceeded during a wet-weather event. This category includes green infrastructure CSO control infrastructure such as upland runoff control techniques. This category does not include needs and costs for overflow control allocated to flood control or drainage improvement, or the treatment or control of stormwater in separate storm systems.	
Stormwater: Grey Infrastructure* (%)	This category includes costs associated with the planning, design, and construction of conveying stormwater via pipes, inlets, roadside ditches, and other similar mechanisms. This category also includes the costs of activities associated with the planning, design, and construction of treating stormwater with wet ponds, dry ponds, manufactured devices, and other similar means.	
Stormwater: Green Infrastructure* (%)	This category includes costs associated with the planning, design, and construction of low impact development and green infrastructure, such as bioretention, constructed wetlands, permeable pavement, rain gardens, green roofs, cisterns, rain barrels, vegetated swales, restoration of riparian buffers and flood plains, etc. Note: Projects that used to be reported under the old Urban needs category that meets this definition should be reported here.	
Nonpoint Source: Ground Water - Unknown Source* (%)	This category covers nonpoint source pollution control activities related to ground water protection such as wellhead and recharge area protection activities. Any activity that can be attributed to a specific cause of ground water pollution, such as leaking storage tanks, soil contamination in a brownfield, or leachate from a sanitary landfill, should be reported to that more specific category. Desalination projects that protect or restore groundwater should be reported under this category.	
Nonpoint Source: Resource Extraction* (%)	This category covers nonpoint source pollution control activities nonpoint source pollution control activities related to mining and quarrying activities. Examples of BMPs include detention berms and seeding or revegetation.	

Other: Desalination* (%)	control activities related to development and implementation of estuary plans that meet the definition of one of the other categories should be reported under those respective categories. Projects include treatment and disposal of brine, desalination of brackish water to augment water supply, aquifer recharge using desalinated sea water, and treatment/reinjection of brackish groundwater.	
Other: Estuary (§320) Assistance* (%)	Enter assistance provided for the development and implementation of the 28-estuary comprehensive conservation and management plans (CCMP) established under CWA, §320. Only activities unique to §320 are included in this category. All other pollution	
	This category does not include costs associated with changing a service area from decentralized wastewater treatment to a publicly owned centralized treatment system. Costs to construct a publicly owned centralized collection and treatment system should be reported in Secondary Wastewater Treatment, Advanced Wastewater Treatment, or both. Note: Activities related to installing sewers to connect the service area to an existing collection system are reported in Category: New Collector Sewers & Category: New Interceptor.	
Nonpoint Source: Individual / Decentralized Sewage Treatment* (%)	This category covers nonpoint source pollution control activities related to rehabilitating or replacing onsite wastewater treatment systems (OWTS) or clustered (community) systems. It also includes the treatment portion of other decentralized sewage disposal technologies. Costs related to developing and implementing onsite management districts are included (but not the costs of ongoing operations of such districts). Costs could also include the limited collection systems associated with the decentralized system.	
Nonpoint Source: Hydromodification / Habitat Restoration* (%)	This category covers nonpoint source pollution control activities related to habitat protection and restoration. Examples of projects include shoreline activities (e.g., swales, filter strips), instream activities (e.g., fish ladders), and capital costs associated with the control of invasive vegetative and aquatic species. Any habitat restoration projects involving stormwater management should be reported in Category: Stormwater - Green Infrastructure.	
Nonpoint Source: Sanitary Landfills* (%)	This category covers nonpoint source pollution control activities related to sanitary landfills. Some typical BMPs used to address needs at landfills are leachate collection, onsite treatment, gas collection and control, capping and closure.	
Nonpoint Source: Storage Tanks* (%)	This category covers nonpoint source pollution control activities related to tanks designed to hold gasoline or other petroleum products or chemicals. The tanks may be located above or below ground level. Some typical BMPs are spill containment systems; in situ treatment of contaminated soils and ground water; and upgrade, rehabilitation or removal of petroleum/chemical storage tanks.	
Nonpoint Source: Brownfields and Superfund Sites* (%)	This category covers nonpoint source pollution control activities related to land that was developed for industrial purposes and then abandoned, which might have residual contamination. All work at brownfields and Superfund sites should be included in this category regardless of the activity. Some typical activities used to address cleanup of brownfields and Superfund sites are ground water monitoring wells, in situ treatment of contaminated soils and ground water, and capping to prevent storm water infiltration.	

E. G	E. Green Project Reserve (GPR Funding)		
1	Green Infrastructure Amount (\$)* \$ 0	Report the amount of the project funding that will classified under the Green infrastructure GPR category. This category includes costs that manage wet weather and maintain and restore natural hydrology by infiltrating, evapotranspiring and harvesting and using stormwater. Examples include installation of rain gardens, green roofs, permeable pavement, constructed wetlands and other practices that mimic natural hydrology to prevent wet weather flows to, from or within the treatment works.	
2	Energy Efficiency Amount (\$)* \$ 0	Report the amount of the project funding that will classified under the Energy Efficiency GPR category. This category includes the costs associated with the use of improved technologies and practices that result in reduced energy consumption and the production of renewable energy. Examples include lighting, HVAC, process equipment, electronic equipment (SCADA), wind and solar, methane capture and energy conversion equipment, biosolids drying/dewatering and energy conversion equipment, co-digestion, combined heat and power (CHP) systems, hydroelectric systems that harness wastewater flows to, from, or within a treatment works.	
3	Water Efficiency Amount (\$)* \$ 0	Report the amount of the project funding that will classified under the Water Efficiency GPR category. This category includes the costs associated with projects that reduce the demand for POTW capacity through reduced water consumption. Examples include water meters, plumbing fixture retrofits or replacement, water efficient appliances, water efficient irrigation equipment (e.g., moisture and rain sensing equipment), water audit, water conservation plan, recycling, water reuse and education programs.	
4	Environmentally Innovative Amount (\$)* \$ 0	Report the amount of the project funding that will classified under the Environmentally Innovative GPR category. This category includes the costs associated with projects that demonstrate new and/or innovative approaches to delivering service and/or managing water resources in a more sustainable way. Examples include integrated water resources management plan, sustainability plan, greenhouse gas inventory mitigation plan, planning activities to prepare for adaptation to the long term effects of climate change and/or extreme weather, LEED certified buildings and decentralized wastewater systems.	

F. Project Location(s)	 And the second state of the second sec
Add Project Location* Various Streets - Taunton, MA (Howard Street is location)	At least one project location must be added.
Project Location – Description Howard Street	Optional description to accompany the latitude/longitude coordinates.
Project Location: Latitude* 41.901N	Provide the latitude coordinate(s) for the location of your project. Latitude coordinates must be provided in the decimal format.
Project Location: Longitude* 71.093W	Provide the longitude coordinate(s) for the location of your project. Longitude coordinates must be provided in the decimal format.
Project Location: Radius	Optional: Add a radius to the latitude/longitude coordinates.

G. Es	stuary Impacts		ANSWER
1	Will the CWSRF Funded Project Benefit a National Estuary Program?*	Select Yes if the CWSRF funded project will benefit a National Estuary Program.	Yes No 🗸
	If Yes, Is the project is located within a NEP watershed?*	Select Yes if the CWSRF funded project is located within a NEP watershed.	Yes No 🗸
VIIII III III III III III III III III I	If Yes, Is the project is being funded because it develops, amends, or implements a Section 320 Comprehensive Conservation and Management Plan (CCMP)?*	Select Yes if the CWSRF funded project is being funded because it develops, amends, or implement a Section 320 Comprehensive Conservation and Management Plan (CCMP)	Yes No 🗸

H. P	roject Improvement/Maintena	nce of Water Quality and Related Data Fields	ANSWER
1	How does this Project Contribute to the Improvement or Maintenance of the Receiving Waterbody?*	To contribute to water quality "improvement," a project must reduce pollutant loading to the receiving waterbody. A project that simply sustains the treatment capacity of a facility counts for water quality "maintenance." Select Improvement when a project reduces pollutant loading to the affected waterbody. Select Maintenance when a project simply sustains the treatment capacity of a facility. Select Not Applicable when the project increases loadings to the affected waterbody. Information can be found in the engineering and/or environmental review documents for a project. Information on pre-project pollutant loadings should be confirmed with the most recent Discharge Monitoring Reports (DMRs).	Improvement Maintenance Not Applicable
2	Does this Project Allow the System to Either Maintain or Achieve Compliance with the Clean Water Act?*	Select Maintain Compliance when the facility/system was already in compliance before the project and has a lower risk of falling out of compliance after the project. Select Achieve Compliance when the facility/system was out of compliance before the project and is expected to be in compliance at project completion. Otherwise select Not Applicable Use the engineering and environmental review documents, the Discharge Monitoring Reports, and the permit (most likely a National Permit Discharge Elimination System(NPDES) permit, but also possibly a reuse, recharge, or land discharge permit), along with any administrative, consent, or court orders. Strictly speaking, these options do not give credit to projects that move the facility/system toward compliance but that do not Achieve Compliance at project completion. For example, 1). If a project is a significant factor in a system/facility achieving compliance, accomplishing a specific group of items on a consent order, or eliminating CSO's for a large section of the sewer system, select Achieve Compliance. 2. If a project simply addresses a few I/I problems that generally affect SSOs, select Not Applicable. 3. If a project occurs under the threat of noncompliance — i.e. it allows the system/facility to meet anticipated permit limits — select Achieve Compliance.	Maintain Compliance Achieve Compliance Not Applicable

3	What is the Designation of the Waterbody Affected by the Project? (As it Appears on the 303(d) Impaired Waters or State Groundwaters List)*	Please report the designation of the affected waterbody as it appears on the 303(d) impaired waters list, or on a state groundwaters list. More information regarding the 303(d) impaired waters lists is available at the following EPA website: https://ofmpub.epa.gov/waters10/attains_index.home	Meeting Standards Impaired Threatened Not Assessed Not Applicable
4	Discharge Information (Check all that Apply)*	Select the type(s) of waterbody(ies) that the project affects the discharge to. At least one box must be checked. If this section is not applicable to the project, please choose no change/no discharge. Check this box if the wastewater discharge is seasonal. Note: Seasonal discharge can be checked along with the other, above choices.	Ocean Outfall Wetland Groundwater Other/Reuse No Change/No Discharge Estuary/Coastal Bay Surface Water (Stream, River, Lake) Land Application Eliminates Discharge Seasonal Discharge
5	This Project Addresses the Following: Total Maximum Daily Limit (TMDL) or Watershed Management Plan (Select all that Apply)*	Identify whether the project reduces the pollutants specified in the Total Maximum Daily Limit (TMDL) or watershed management plan for the affected waterbody. The appropriate state environmental agency office(s) can be contacted to find out if the affected waterbody has a TMDL or watershed management plan. Watershed management plan is a general term, so terminology may differ between states. Check the project's engineering and environmental documents to see if it will reduce the pollutants specified in the TMDL or management plan. TMDL information may already be attached to the permit or found in the state's Integrated Report. Projects on impaired waters do not automatically address a TMDL. Information about projected TMDLs may appear on a state schedule.	Existing TMDL Projected TMDL Watershed Management Plan Not Applicable
I Co	ntribution to Protection or Re	estoration of State Designated Surface Water Uses	ANSWER
1	Identify Which State Designated Surface Water Use this Project Protects and/or Restores*	Identify the Designated Surface Water Uses that this project helps to protect or restore from the list that is provided. If the project maintains or improves water quality, or if it increases effluent loadings but meets its permit, it contributes to protection of the uses you find when matching pollutants. If the project reduces loadings of a pollutant that is impairing a designated use (303(d) list), the project contributes to restoration of that use. Specify as primary those affected uses that drive a large portion of project financing. Often, a primary use will correspond to the largest pollutant reduction. In most cases, one and possibly two uses will qualify as primary. Specify secondary for other uses. If no use qualifies as primary, specify secondary for all applicable uses.	Protect Restore (Primary) Protect Restore (Secondary) Water Use Not Applicable? Water Use Not Found?

J. O	ther Uses and Outcomes		ANSWER
1	Does this Project Contribute to Regionalization/Consolidation?*	Identify whether this project supports efforts to consolidate separate wastewater treatment and collection systems.	Yes No
2	Does this Project Address Nutrient Loadings of Nitrogen and Phosphorous?*	Identify whether the primary purpose of the project is to reduce loadings of Nitrogen and Phosphorous into the waterbodies.	Yes No
3	Does this Project Contribute to Resiliency and Disaster Preparedness?*	Select Yes if the project helps make communities and/or utilities more resilient to manmade and natural disasters by reducing the risk of physical damage from a disaster or helping maintain operations during a disaster. Also select Yes if the project helps a utility /community recover quickly from a disaster. Examples of these type of projects include building sea walls and levees, elevating equipment, waterproofing, etc.	Yes No
4	Does this Project Contribute to Public Health/Pathogen Reduction?*	Identify whether this project will positively contribute to public health (e.g., pathogen reduction).	Yes No No