

CITY OF CORAL GABLES

--MEMORANDUM--



The City Beautiful

**TO:** Mayor of the City, Members of the City Commission  
City Manager, Assistant City Manager

**FROM:** Vice Mayor Vince Lago

A handwritten signature in black ink, appearing to read "V. Lago", is written over the name of the sender.

**DATE:** August 28, 2019

**SUBJECT:** Septic Tanks to Sewage System Conversion

---

The City of Coral Gables has a large number of residential properties using septic systems to treat black and grey wastewater. Please refer to the City of Coral Gables Sanitary Sewer System (North) and 2016 Sea Level Rise Lidar map enclosed which identifies the locations of existing septic systems.

The impacts of septic systems on water quality in Florida and other low-lying areas and locations with porous hydrology similar to Florida are well established. Septic systems located near lakes, canals, rivers, and the ocean can leach effluents such as bacteria, nitrogen, phosphorus and other substances that feed algae blooms and cause beach closures. In addition, as water levels rise due to flooding or sea-level rise, septic systems lose their ability to process and break down effluents. See the articles and Septic to Sewer Guidance Document attached. Further, I have heard that individuals looking to build new homes in Coral Gables are reluctant to purchase properties that do not have sanitary sewer service.

In 2016, the Florida legislature and the Governor of Florida made it clear that "Local governments ... must coordinate to restore and maintain the water quantity and water quality of the Outstanding Florida Springs." In the "Florida Springs and Aquifer Protection Act," Fla. Stat. §§ 373.801, *et. seq.* ("Water Act"), the State has noted that discharges resulting from inadequate wastewater and stormwater management practices, adversely impact the health of the aquifer system, springs, and waterways.

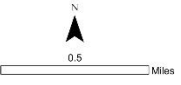
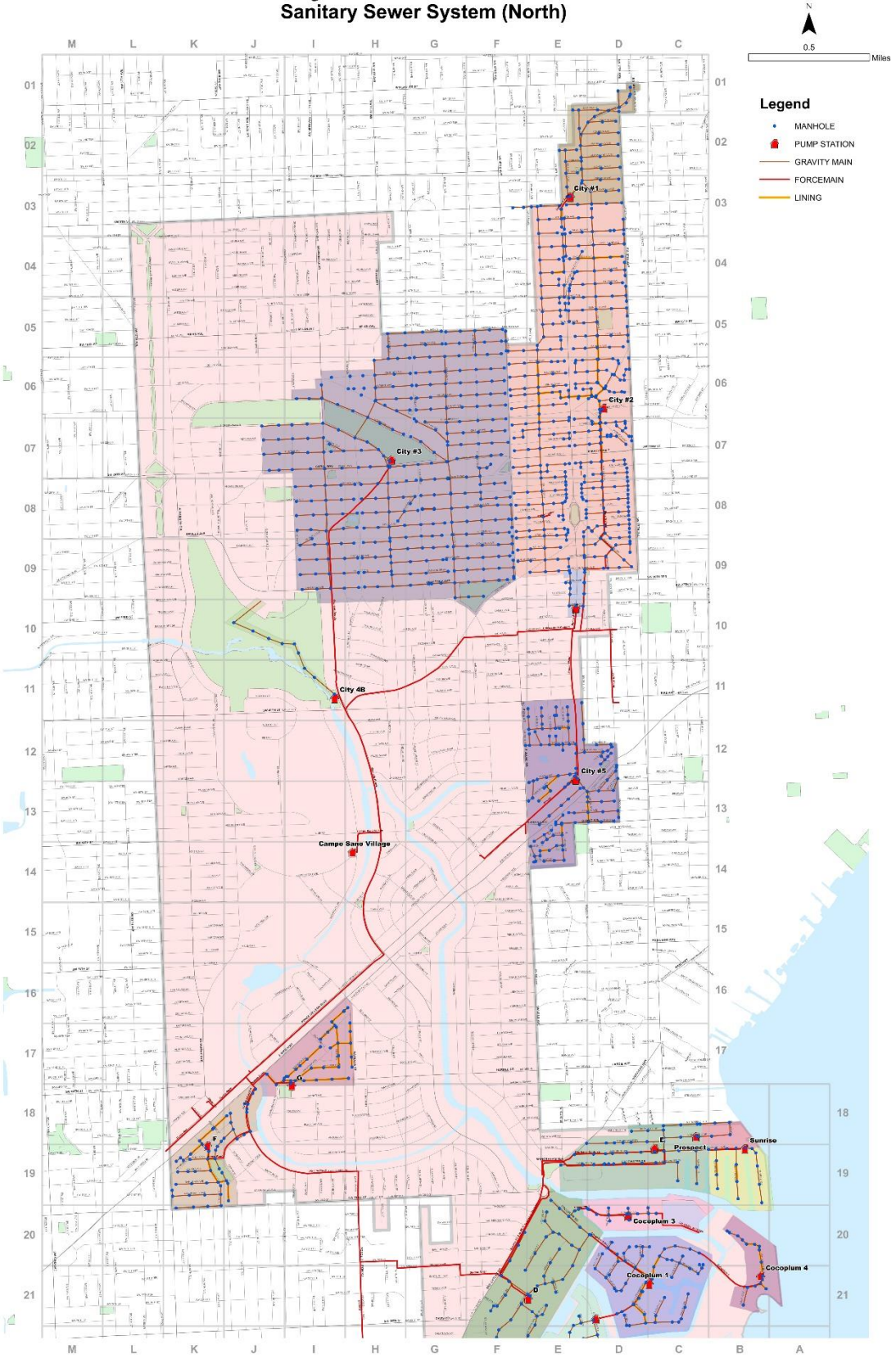
Section 7 of the Septic to Sewer Guidance Document attached identifies external funding sources to address septic to sewer projects. The first step The City must take in order to seek external funding and establish a budget for a septic to sewer project is to conduct a preliminary engineering study with the objective of prioritizing and ranking services areas and develop preliminary cost estimates. Other municipalities in Florida, such as Vero Beach have conducted a case study, please refer to the information enclosed.

I have met with Congresswoman Donna Shalala and State Representative Javier Fernandez to discuss potential funding opportunities at the state and local level and will continue to meet with our state and federal leaders to discuss this topic. At our next Commission meeting on September 10th, I would like to discuss the allocation of funds in our Annual Budget and Five-Year Capital Improvement Plan for an engineering study to be conducted.

**CC:** City Attorney, Miriam Ramos  
Public Works Director, Hermes Diaz



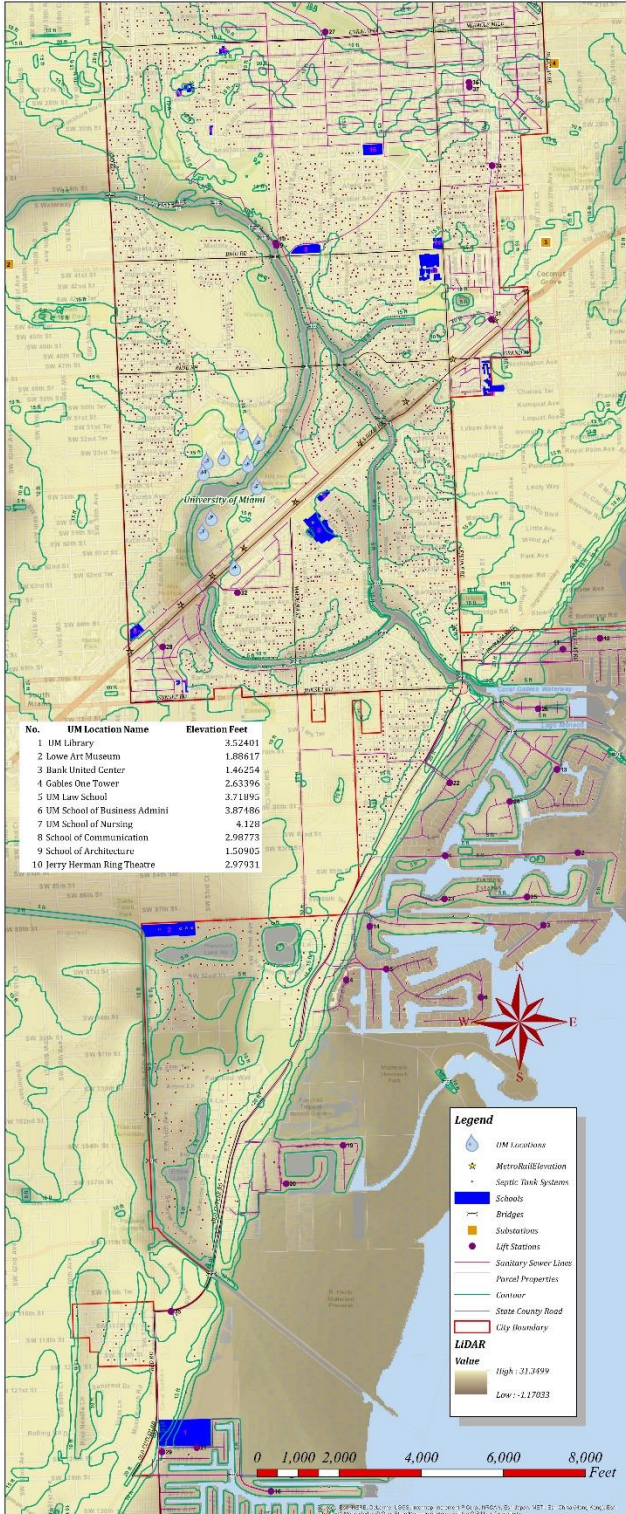
# City of Coral Gables Sanitary Sewer System (North)



- Legend**
- MANHOLE
  - PUMP STATION
  - GRAVITY MAIN
  - FORCE MAIN
  - LINING

# City of Coral Gables

## Sea Level Rise June 2016



No.	UM Location Name	Elevation Feet
1	UM Library	3,52401
2	Lowe Art Museum	1,88617
3	Bank United Center	1,46254
4	Gables One Tower	2,63396
5	UM Law School	3,71895
6	UM School of Business Admini	3,87486
7	UM School of Nursing	4,120
8	School of Communication	2,98773
9	School of Architecture	1,50905
10	Jerry Herman Ring Theatre	2,97931

### Schools

ID	SCHOOL NAME	ADDRESS	ELEVATION (FT)
1	Gulliver Academy	12955 Red Road	3
2	St. James Thomas Episcopal School	5602 South West 88th Street	3
3	Coral Gables Elementary School	165 Minnesota Avenue	8
4	Riverside Day School	6800 Nervia Street	8
5	Helen D. Cohen Early Childhood Program of Temple Judah	5500 Granada Boulevard	8
6	First United Methodist Church of South Miami School	9505 South Red Road	8
7	Coral Gables Congregational Church Early Childhood Center	3610 De Soto Boulevard	10
8	Granada Presbyterian Church School	950 University Drive	10
9	Panor de Leon Middle School	5801 Anguillo St	10
10	St. Ann's Episcopal School	1122 Coral Way	12
11	St. W. Carter Middle School	4501 Lincoln Drive	12
12	Coral Gables Senior High School	450 Bird Road	12
13	Saint Theresa School	2791 Indian Mountain Trail	13
14	Saint Martin Lutheran Church School	2525 South Le Sueur Road	13
15	Saint James Evangelical Lutheran Church School	119 Phoenicia Avenue	13
16	University Baptist School	624 Anastasia Avenue	15

### Bridges

ID	NAME	MAINTAINED	OWNER	CLEARANCE (FT)	BRIDGE TYPE	USE
1	Prado Blvd Bridge	Y	Coral Gables	7.0	Public	Vehicular
2	Pisano Avenue Bridge	Y	Coral Gables	7.0	Public	Vehicular
3	Birc Road Bridge	N	State of Florida	7.5	Public	Vehicular
4	Blue Road West Bridge	N	Dade County	7.5	Public	Vehicular
5	Blue Road East Bridge	N	Dade County	7.5	Public	Vehicular
6	Punak DeLeon Blvd Bridge	Y	Coral Gables	7.5	Public	Vehicular
7	Red Road Bridge	N	State of Florida	7.5	Public	Vehicular
8	Red Road Pool Bridge	N	Private	7.5	Public	Public/Stram
9	Granada Blvd Bridge	Y	Coral Gables	8.0	Public	Vehicular
10	U.S. 1 Bridge	N	State of Florida	8.0	Public	Vehicular
11	Biltmore Cart Path Bridge 17	Y	Coral Gables	8.0	Public	Golf Cart
12	Biltmore Cart Path Bridge 5	Y	Coral Gables	8.0	Public	Golf Cart
14	Biltmore Cart Path Bridge 8	Y	Coral Gables	8.0	Public	Golf Cart
15	Biltmore Cart Path Bridge 9	Y	Coral Gables	8.0	Public	Golf Cart
16	Biltmore Cart Path Bridge 7	Y	Coral Gables	8.0	Public	Golf Cart
17	Biltmore Cart Path Bridge 6	Y	Coral Gables	8.0	Public	Golf Cart
18	Biltmore Cart Path Bridge 14	Y	Coral Gables	8.0	Public	Golf Cart
19	Alhambra Bridge	Y	Coral Gables	9.5	Public	Vehicular
20	Lago Avenue Bridge	Y	Coral Gables	9.5	Public	Vehicular
21	Cocoplum Blvd Bridge	Y	Coral Gables	12.0	Public	Vehicular
22	Old Cutler Road	N	Dade County	15.0	Public	Vehicular
23	Matheson Hammock Bridge	N	Dade County	16.0	Public	Vehicular
24	Waynaca Street Bridge	N	Dade County	16.0	Public	Vehicular
25	Biltmore Equip Bridge 17	Y	Coral Gables	16.0	Public	Golf Equipment
26	Biltmore Equip Bridge 6	Y	Coral Gables	16.0	Public	Golf Equipment
27	Granada Mall Bridge	Y	Coral Gables	18.0	Public	Vehicular
28	Wardens Road Bridge	Y	Coral Gables	18.0	Public	Vehicular
29	Leivernois Road Bridge	N	Dade County	18.0	Public	Vehicular
30	Isola Dorada Blvd Bridge	Y	Coral Gables	21.0	Public	Vehicular

### Victra Rail Elevations

ID	Metro Rail Elevation Location	Elevation (FT)
1	Across street from the baseball field	3
2	Near Dickinson Drive	6
3	Near Vagstad Rd and US-1	6
4	Near the intersection of US-1 and US-1	9
5	Near Donatello St and Ponce de Leon Blvd	9
6	Across the street from Ponce de Leon Middle School	18
7	Midway	18
8	Between Oak Ave and Jefferson St near Traffic Co	38
9	Midway Station	31
10	Across the street from Auto Collision Center	37

### FPL Electrical Substations

ID	FPL Electrical Substation Address	Elevation (FT)
1	1812 SW 92nd Ave Miami, FL 33155	8
2	3805 SW 2nd St Miami, FL 33146	8
3	2751 SW 15th St Miami, FL 33145	9
4	803W 43rd Ave Miami, FL 33134	9
5	6101 Bird Road Miami, FL 33155	18
6	2902 SW 37th Ct Miami, FL 33134	14

### Sanitary Sewer Lift Stations

ID	NAME	TYPE	ADDRESS	ELEVATION (FT)
1	Casuarina 1	Lift Station	West of 475 Casuarina Concourse	0
2	Casuarina 2	Lift Station	80 Casuarina Concourse	0
3	Avicula	Lift Station	1100 Avicula Parkway	0
4	Journeys End	Lift Station	W. of Coldecar; Journeys End Dr	0
5	Solano 1	Lift Station	675 Solano Prado	0
6	Solano 2	Lift Station	1290 Solano Prado	0
7	Cocoplum 4	Lift Station	7206 Bahia Vista	0
8	Surprise	Lift Station	145 Surprise Avenue	1
9	Station 4B	Lift Station	3040 Granada Blvd	2
10	Station 4	Lift Station	3540 Granada Blvd	3
11	Station F	Lift Station	25 West Sunrise Avenue	3
12	Prospect	Lift Station	170 Prospect Drive	3
13	Cocoplum 1	Lift Station	1211 Isla Dorado Blvd	3
14	Station C	Lift Station	8850 Arvida Lane	3
15	Lago	Lift Station	1036 Lago Avenue	3
16	San Pedro	Lift Station	1100 San Pedro Avenue	3
17	Bella Vista 1	Lift Station	1325 Bella Vista Avenue	3
18	Bella Vista 2	Lift Station	705 Bella Vista Avenue	3
19	Campana	Lift Station	13000 Campana Avenue	4
20	Riviero	Lift Station	487 Riviero Avenue	4
21	Campamento	Lift Station	2380 Campamento Avenue	4
22	Station D	Lift Station	7557 Los Pinos Blvd	5
23	Leucadendra 1	Lift Station	490 Leucadendra Drive	5
24	Cocoplum 2	Lift Station	254 Isla Dorado Blvd	6
25	Leucadendra 2	Lift Station	200 Leucadendra Drive	6
26	Cocoplum 3	Lift Station	200 Galeon Court	6
27	Station 3	Lift Station	803 South Greenway Drive	6
28	Station F	Lift Station	1490 Madruga Avenue	6
29	Station A	Lift Station	1596 Campamento Avenue	6
30	Station 2	Lift Station	99 Alhambra Plaza	6
31	Station 5	Lift Station	4520 Ponce DeLeon Blvd	10
32	Station 6	Lift Station	1230 Hardee Road	10
33	Station 6	Lift Station	Ponce DeLeon & Carmelo Avenue	11
34	Station 2	Lift Station	616 Ponce DeLeon Blvd	12
35	Fire Station 3	Lift Station	11911 Old Cutler Road	12
36	Police Storm	Lift Station	2801 Salzedo Street	13
37	Police Sewer	Lift Station	2801 Salzedo Street	14

The accuracy of the LIDAR data is defined by the USGS Q12 (quality level), defined in documentation as: Q12 accuracy no more than 10.0 cm RMSE<sup>95%</sup>. This accuracy aligns with the ASPRS 10-cm (~3.9') vertical accuracy class. Q12 has been established as the minimum required quality level for new USGS-NGP (National Geospatial Program) Lidar data collection. <sup>95%</sup>root mean square error, elevation

All of the point elevations in the LIDAR image are in meters above the curvature of the Earth (ref: NAVD 1988 datum)\*\*. For the specific sites illustrated in the map all of the point elevations have been converted to feet. \*\*North America Vertical Datum 1988

## SECTION 7: External Funding Alternatives



As Section 3 discusses, the cost of a septic to sewer conversion is substantial and more than most communities can support without funding from external sources. Funding for septic to sewer projects includes two distinct elements:

- Funding the infrastructure improvements construction and associated planning and design
- Methods by which any borrowed funds for such infrastructure are repaid by property owners, end users, and/or other future revenue streams

External funding sources that are available to a local government or utility vary depending on the size and demographics of the community and may be grant or loan funding. Although repayment is not required with grant programs, there may be a certain level of administrative costs and/or construction requirements (such as Davis Bacon Wage requirements or American Iron and Steel requirements) associated with various loan and grant programs. Outlined below are select funding sources that may be an option to assist you with your septic to sewer projects.

### Springs Funding

**Source Description:** The Florida Springs and Aquifer Protection Act was passed in the 2016 legislative session and is aimed at protecting Florida springs fed by the Floridan Aquifer. Under the Act, a Basin Management Action Plan (BMAP) must be established when an Outstanding Florida Spring is found to be impaired by a given pollutant. The BMAP must outline priorities for identifying sources of the pollutant and taking corrective action. Specifically, this law requires any municipality within a Florida Outstanding Springs BMAP to begin a program of septic system remediation, a nod to the fact that improperly sited or poorly maintained septic systems are a leading contributor to water pollution. Further, no new septic

systems will be allowed on lots smaller than 1 acre. Projects identified as protecting the water quality and quantity of Outstanding Florida Springs (and the six additional springs specifically identified in the Act) are eligible for funding. Dollars were allocated through the Legacy Florida Bill, which set aside up to \$50 million for Florida springs protection projects. Funds may be used for land acquisition to protect springs and for capital projects that protect the quality and quantity of water that flows from springs. Each water management district with springs within its boundaries has established a process for submitting projects for consideration for project funding. Projects must be approved by the water management district governing board. Project agreements are administered by a water management district or FDEP depending on the nature of the project. A FDEP guidance document dated October 17, 2017 can be found [HERE \(Attachment 15, Page 469\)](#).

- **Source Agency(ies):** FDEP and the water management districts.
- **Source Type:** Grant with match.
- **\$ Amounts:** \$50 million annually for 20 years beginning in 2016.
- **Eligibility:** Local governments, utilities, agricultural entities within the springsheds of the identified springs.
- **Cycle:** Annual as identified through individual water management districts.
- **Contacts:**
  - **FDEP:** Trina Vielhauer, 850.245.2998, [Trina.Vielhauer@dep.state.fl.us](mailto:Trina.Vielhauer@dep.state.fl.us)
  - **SWFWMD:** Jennette Seachrist, 813.985.7481 x-2210, [Jennette.Seachrist@WaterMatters.org](mailto:Jennette.Seachrist@WaterMatters.org)

## SECTION 7: External Funding Alternatives

- **SJRWMD:** Dale Jenkins, 386.312.2304, drjenkins@sjrwm.com or Mark Brandenburg, 407.659.4806, mbrandenburg@sjrwm.com
- **SRWMD:** Projects Team, 386.362.1001, projects@srwmd.org
- **NFWWMD:** Christina Coger, 850.539.5999, Christina.Coger@nfwwater.com

### Websites:

- **SWFWMD:** <http://www.watmatters.org>
- **SJRWMD:** <https://www.sjrwm.com>
- **SRWMD:** <http://www.srwmd.state.fl.us>
- **NFWWMD:** <http://www.nfwwater.com>

### US Department of Agriculture (USDA) Rural Development Water & Waste Disposal Loan & Grant Program

**Source Description:** This program provides funding for clean and reliable drinking water systems, sanitary sewage disposal, sanitary solid waste disposal, and stormwater drainage to households and businesses in eligible rural areas. This program assists qualified applicants who are not otherwise able to obtain commercial credit on reasonable terms.

- **Source Agency:** USDA.
- **Source Type:** Grant/loan.
- **\$ Amounts:** Determined annually through Congressional appropriation.
- **Eligibility:** State and local governments, private nonprofits, and federally recognized tribes.
- **Cycle:** Applications are accepted year round, awards based on funding availability.
- **Contact:** Michael A. Langston, Director, Community Programs, 352.338.3440, michael.langston@fl.usda.gov
- **Website:** <https://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program>

### Community Development Block Grant (CDBG) Program (Neighborhood Revitalization, Commercial Revitalization, Economic Development and Housing)

**Source Description:** The CDBG program is a federal program that provides funding for housing and

community development activities. CDBG projects must meet one of three national objectives:

1. Benefit low- and moderate-income persons.
2. Eliminate slum or blight.
3. Address an urgent need that poses a serious threat to people living in that area.

Sewer hookups can be paid for through the Neighborhood Revitalization and Housing Programs.

- **Source Agency:** Department of Economic Opportunity.
- **Source Type:** Grant.
- **\$ Amounts:** Annual state allocation with project allocations up to \$750,000.
- **Eligibility:** Counties with a population of less than 200,000 and cities less than 50,000 not participating in an entitlement program.
- **Cycle:** Annual as identified through individual water management districts.
- **Contact:** Roger J. Doherty, Planning Manager, 850.717.8417, roger.doherty@deo.myflorida.com
- **Website:** <http://www.floridajobs.org/community-planning-and-development/assistance-for-governments-and-organizations/florida-small-cities-community-development-block-grant-program>

### State Revolving Fund (SRF) Clean Water Fund/Small Community Wastewater Grant

**Source Description:** FDEP administers the Clean Water SRF loan program for financing public sewer utility infrastructure projects. Funds are available for Planning Loans, Design Loans, Inflow/Infiltration Loans, and Construction Loans. Financing rates vary based on the median household income, poverty index, and unemployment index, but average less than 50 percent of the market rate. The SRF loan repayment terms are typically limited to 20 years. Federal law requires FDEP to include Davis-Bacon wage rates and American Iron and Steel provision in all loan agreements. To offset the additional costs that result from these new requirements, the base financing rate will be reduced by 1 percent in all construction agreements. Additionally, these amendments will require the development and implementation of a fiscal sustainability plan for all construction loans.

## SECTION 7: External Funding Alternatives

- **Source Agency:** FDEP.
- **Source Type:** Loan/grant.
- **\$ Amounts:** Approximately \$250 million annually for all SRF programs, annual segment caps apply.
- **Eligibility:**
  - **CWSRF:** Local governments, authorities, special districts, and agencies thereof.
  - **Small Community WW Grant:** Local governments with less than 10,000 residents and per capita income less than the state average.
- **Cycle:** Annual appropriation through the Clean Water Act, can submit a request to be included in the process at any time, multiple hearings held annually provide opportunities to be added to the list of eligible projects.
- **Contact:** Tim Banks, PE, Program Director, CWSRF, 850.245.2969, timothy.banks@dep.state.fl.us
- **Website:** <https://floridadep.gov/wra/srf>

### Water Infrastructure Finance and Innovation Act (WIFIA)

**Source Description:** EPA has recently developed the WIFIA program to provide a subsidized loan program for water- and sewer-related infrastructure projects. WIFIA works separately from, but in coordination with, the SRF programs to provide subsidized financing for large dollar-value projects. WIFIA can only fund a maximum of 49 percent of eligible project costs; total federal assistance may not exceed 80 percent of a project's eligible costs, 35 years is the maximum final maturity date from Substantial Completion, repayment may be deferred no more than 5 years after Substantial Completion of the project, interest rate will be equal to or greater than the U.S. Treasury rate of a similar maturity at the date of closing, and projects must be creditworthy and have a dedicated source of revenue and all other federal cross-cutter provisions (i.e., NEPA, Davis-Bacon, American Iron and Steel) apply.

- **Source Agency:** US Environmental Protection Agency.
- **Source Type:** Loan.
- **\$ Amounts:** Projects have minimum size requirements (\$20 million for large communities and \$5 million for communities of 25,000 or less).

- **Eligibility:** Federal, state, local, and tribal governments, partnerships and joint ventures, corporations, trusts.
- **Cycle:** EPA announces WIFIA funding availability and application process details in the Federal Register and on its website.
- **Contact:** Jorianne Jernberg, 202.566.1831, [jernberg.jorianne.email@epa.gov](mailto:jernberg.jorianne.email@epa.gov)
- **Website:** [www.epa.gov/wifa](http://www.epa.gov/wifa)

### TMDL Water Quality Restoration Grants

**Source Description:** TMDL grants provide funding for the implementation of best management practices, such as regional stormwater treatment facilities, designed to reduce pollutant loads to impaired waters from urban stormwater discharges. This funding can be used for septic to sewer projects as well. The construction must be completed within 3 years of appropriation of the funds by the Legislature to ensure funds remain available. The applicant must provide a minimum of 50 percent of the total project cost in matching funds, of which at least 25 percent is provided by the local government. The grant funds are used for construction of best management practices, monitoring to determine pollutant load reductions, or public education activities specifically associated with the project and may only occur after the date of contract. Funds spent in advance of contract may be used for match, such as design, land acquisition, and other costs incurred by the applicant.

- **Source Agency:** FDEP.
- **Source Type:** Grant with match.
- **\$ Amounts:** Approximately \$5 million annually.
- **Eligibility:** Local governments and state water management districts.
- **Cycle:** Projects are evaluated three times per year (March, July, and November).
- **Contact:** Emily Forinash, 850.245.2938, [Emily.Forinash@dep.state.fl.us](mailto:Emily.Forinash@dep.state.fl.us)
- **Website:** <https://floridadep.gov/wra/319-tmdl-fund>

### St. Johns River Water Management District (SJRWMD) Cooperative Funding

**Source Description:** SJRWMD's cost-share funding is for projects that benefit the District's core missions, one of which is water quality-nutrient-loading reduction. Projects are eligible for a maximum of 10 percent of the total available funds or a maximum of \$2.5 million per project and per applicant (based on \$25 million in funding). Funding is limited exclusively to construction-related costs. Projects may span a maximum of 2 years but must start by the end of the state's fiscal year (June 30). Projects that are permitted and ready to begin construction will receive a higher score during the review process. The District will fund up to 33 percent of the construction costs for selected alternative water supply, water quality, flood protection, and natural systems projects and up to 50 percent for water conservation projects. Rural Economic Development Initiative (REDI) communities can submit a waiver of matching funds letter.

- **Source Agency:** SJRWMD.
- **Source Type:** Grant with match.
- **\$ Amounts:** Approximately \$25 million for FY 2017–2018.
- **Eligibility:** Public, private, and non-profit entities.
- **Cycle:** Annual as identified through individual water management districts.
- **Contact:**
  - Dale Jenkins, 386.312.2304, drjenkins@sjrwmd.com.
  - Mark Brandenburg, 407.659.4806, mbrandenburg@sjrwmd.com
- **Website:** <https://www.sjrwmd.com/localgovernments/funding/#FY2017-2018>

### Suwannee River Water Management District (SRWMD) RIVER Governmental Cost Share Program

**Source Description:** SRWMD has developed a cost-share program to assist county governments, municipalities, water supply authorities, and other interested units of local government with a cost-share program for projects that enhance or address the District's core mission of managing water supply, water quality, flood protection, and natural systems. The Regional Initiative Valuing Environmental Resources (RIVER) local government cooperative

funding program provides an opportunity for local government to obtain cost-share funding for projects that foster the District's core mission. Projects must conserve our water supply, protect springs, develop alternative water supplies, advance aquifer recharge, improve water quality, enhance or restore natural systems, and provide improved flood protection.

- **Source Agency:** SRWMD.
- **Source Type:** Grant with match.
- **\$ Amounts:** Funding allocated annually by the District Governing Board.
- **Eligibility:** County governments, municipalities, water supply authorities, and other interested units of local government.
- **Cycle:** The District is transitioning the RIVER Governmental Cost Share Program to multiple grant cycles per year.
- **Contact:** Projects Team, 386.362.1001, [Projects@sjrwmd.org](mailto:Projects@sjrwmd.org)
- **Website:** <http://www.srwmd.state.fl.us/index.aspx?NID=374>

### Northwest Florida Water Management District (NFWWMD) Cooperative Funding

**Source Description:** NFWWMD maintains a Water Project Priorities Database. The goal is to have a comprehensive list of water projects in anticipation of potential future funding opportunities. Objectives are to assist in a coordinated and cooperative effort among funding entities interested to support water projects in northwest Florida communities and to consider local needs and priorities in water resource policy and planning. Projects could be conceptual plans or "shovel ready." Types of water projects include water supply development for traditional and alternative water supply development, water conservation that results in quantifiable efficiencies and water savings, springs or watershed restoration protecting water quality and/or flows or levels, stormwater retrofits or upgrades improving water quality and/or flood protection, and wastewater retrofits or upgrades to protect natural systems (e.g., watersheds and receiving waters).

- **Source Agency:** NFWWMD.
- **Source Type:** Grant with match.



## SECTION 7: External Funding Alternatives

- **\$ Amounts:** Variable.
- **Eligibility:** Public, private, and non-profit entities.
- **Cycle:** Projects may be submitted to the District at any time.
- **Contact:** Christina Coger, 850.539.5999, Christina.Coger@nfwfwater.com
- **Website:** <http://www.nfwfwater.com/Water-Resources/Funding-Programs/Water-Projects-Database>

### Southwest Florida Water Management District (SWFWMD) Cooperative Funding

The SWFWMD Cooperative Funding Initiative (CFI) will potentially fund septic to sewer projects in the Springs areas addressed in the Florida Springs and Aquifer Protection Act.

- **Contact:** Mary Kassabaum, 352.796.7211, x-4759, Mary.Kassabaum@WaterMatters.org

### Economic Development Administration (EDA)

**Source Description:** EDA's Public Works program helps distressed communities revitalize, expand, and upgrade their physical infrastructure. This program enables communities to attract new industry; encourage business expansion; diversify local economies; and generate or retain long-term, private-sector jobs and investment through the acquisition or development of land and infrastructure improvements needed for the successful establishment or expansion of industrial or commercial enterprises. EDA invests in traditional public works projects, including water and sewer systems improvements that are tied to economic development opportunities. The project must demonstrate alignment with at least one of EDA's current investment priorities and is evaluated on its potential to increase the capacity of the community or region to promote job creation and private investment in the regional economy, the likelihood that the project will achieve its projected outcomes, the ability of the applicant to successfully implement the proposed project including the applicant's financial, and management capacity and the applicant's capacity to secure the support of key public and private sector stakeholders.

- **Source Agency:** Department of Commerce EDA.
- **Source Type:** Grant with match.

- **\$ Amounts:** Award ceiling of \$3,000,000 per project.
- **Eligibility:** Economic development district/ organizations; Indian tribe; state, city, or other political subdivision of a state, including a special purpose unit of a state or local government engaged in economic or infrastructure development activities; institution of higher education; public or private non-profit organization with local government support.
- **Cycle:** There are no submission deadlines under this opportunity. Proposals and applications will be accepted on an ongoing basis until the publication of a new EDA Federal Funding Opportunity (FFO).
- **Contact:** Greg Vaday, AICP, 404.730.3009, E-Mail: [gvaday@eda.gov](mailto:gvaday@eda.gov)
- **Website:** [www.eda.gov/programs/eda-programs](http://www.eda.gov/programs/eda-programs)

### Deepwater Horizon Funding

**Source Description:** FDEP continues to accept project proposals funded by the proceeds from the Deepwater Horizon Oil Spill settlements. Projects submitted can be considered for funding under RESTORE Act, Natural Resource Damage Assessment (NRDA) Restoration and the National Fish and Wildlife Foundation (NFWF). Project submittals will be evaluated by FDEP and the Florida Fish and Wildlife Conservation Commission. Projects will ultimately be submitted to the Gulf Coast Ecosystem Restoration Council by the Governor for consideration for inclusion in the Funded Priorities List for RESTORE funding, the Florida Trustee Implementation Group for consideration of NRDA funding, or the National Fish and Wildlife Foundation for consideration of Gulf Environmental Benefit funding.

- **Source Agency:** Florida Department of Environmental Protection and the Florida Fish and Wildlife Conservation Commission
- **Source Type:** Grant, Matching funds are not required
- **\$ Amounts:** Variable, but over the next 15 years over \$1 billion is expected to be made available for projects in Florida.
- **Eligibility:** Each of the funding streams have their own project eligibility criteria, objectives, goals, and priorities, but in general all involve restoration or improvement to the natural resources and

## SECTION 7: External Funding Alternatives

water quality of Florida's gulf coast. Please review information on the website for more information on each of the funding streams.

- **Cycle:** varies by funding stream. NFWF typically on an annual funding cycle, NRDA typically on a 2 to 3 year funding cycle, and RESTORE Funded Priorities list is on a 3 to 5 year funding cycle. However, projects ideas may be submitted at any time for funding consideration for any of the funding streams.
- **Contacts:**
  - Phil Coram, FDEP Program Administrator, 850.245.2167, phil.coram@dep.state.fl.us.
  - Gareth Leonard, FWC Gulf Restoration Coordinator, 850.617.9452, Gareth.Leonard@MyFWC.com
- **Website:** <https://floridadep.gov/wra/deepwater-horizon>

### FDEP 319 Grant

**Source Description:** The Section 319(h) Nonpoint Source Grant funds can be used to implement projects or programs that will help to reduce nonpoint sources of pollution. Projects or programs must be conducted within the state's non-point source (NPS) priority watersheds, which are the state's SWIM watersheds and National Estuary Program waters. Nonpoint sources include stormwater runoff from urban surface areas and agricultural operations, failing septic tanks, and erosion. Grant funds become available approximately 18 months after the application deadline and projects are expected to be complete approximately 3 years after funds become available.

- **Source Agency:** FDEP.
- **Source Type:** Grant with at least a 40-percent nonfederal match.
- **\$ Amounts:** Funded annually through the Federal Clean Water Act, Florida receives approximately \$5 to \$6 million.
- **Eligibility:** State agencies, local government, state universities and colleges, water management districts.
- **Cycle:** Annual as identified through FDEP.
- **Contact:** Kate Merchant, 850.245.2952, Kathryn.Merchant@dep.state.fl.us

- **Website:** <https://floridadep.gov/wra/319-tmdl-fund>

### State Appropriations

State appropriations are also opportunities for funding septic to sewer projects. In Florida, in accordance with Section 216.052, Florida Statutes, a local, county or regional government entity, private organization, or nonprofit organization may submit a funding request for a state appropriation to members of the Legislature for and initiative that is local or regional in scope, is intended to meet a documented need, addresses and statewide interest, is intended to produce measurable results, and has tangible community results. You are encouraged to contact your state representative or senator for more information.