

August 24, 2020

via: email and mail

Ray Eubanks
Plan Processing Administrator
Department of Economic Opportunity, Bureau of Comprehensive Planning
Caldwell Building
107 East Madison – MSC 160
Tallahassee, Florida, 32399-4120

RE: Letter of Transmittal regarding the 2020 Water Supply Facilities Work Plan Update and associated Comprehensive Plan Amendments.

Dear Mr. Ray Eubanks,

Enclosed please find one printed copy of the City of Homestead 10-Year Water Supply Facilities Work Plan Update and related Comprehensive Plan Amendments.

Chapter 163.31777, Florida Statutes (F.S.), requires local municipalities to prepare and adopt 10-Year Water Supply Facilities Work Plan and related comprehensive plan amendments within 18 months of approval of the region's water supply plan. The City of Homestead is located within the regional boundaries of the South Florida Water Management District (SFWMD). The SFWMD approved the 2018 Lower East Coast Water Supply Plan on November 8, 2018. Therefore, the City is required to adopt its 20-Year Water Supply Plan at this time.

Based on this evaluation, the City has determined that amendments to the Capital Improvements, Conservation, Intergovernmental Coordination, and Infrastructure Elements are required to ensure coordination with the regional water supply plan, and to update the data for the 10-year planning period plan to address State statutory requirements at this time.

The documents have also been transmitted to those copied. Thank you for your assistance in this matter. Please contact Kathryn Lyon 305-594-0735 or at klyon@corradino.com if you have any questions or need additional information.

Sincerely,



Kathryn Lyon, AICP, CFM
Planning Consultant

Enclosure

Cc: Joseph M. Corradino, City of Homestead

Isabel Cosio Carballo, South Florida Regional Planning Council
Terry Manning, AICP, South Florida Water Management District
Plan Review, Florida Department of Environmental Protection
Robin Jackson, Department of State, Bureau of Historic Preservation
Scott Sanders, Florida Fish and Wildlife Conservation Commission
Shereen Yee Fong, Florida Department of Transportation, District Six
Mark Weigly, Florida Department of Education
Jerry Bell, Miami-Dade County, Department of Regulatory and Economic Resources



CITY OF HOMESTEAD CITY COUNCIL MEETING AGENDA

****PLEASE TURN OFF ALL ELECTRONIC DEVICES PRIOR TO ENTERING COUNCIL CHAMBERS. ****

WEDNESDAY, AUGUST 19, 2020 @ 6:00 PM
CITY HALL COUNCIL CHAMBERS
100 CIVIC COURT, HOMESTEAD, FL 33030
WWW.CITYOFHOMESTEAD.COM

Pursuant to Executive Order 20-193 issued by Governor DeSantis and the City of Homestead Local State of Emergency due to COVID-19, this will be a Virtual Council Meeting. The Virtual Meeting can be viewed live on the City access channel or Livestream at www.Cityofhomestead.com/publicmeeting. The public may also participate live during the Virtual Meeting utilizing video conference via WebEx Events or via toll free conference call number. Please go to www.cityofhomestead.com/calendar for specific details and instructions on participation utilizing video and telephonic conferencing.

The City will be accepting public comments as part of the Virtual Meeting, which can be emailed to publiccomments@cityofhomestead.com. Public comments are limited to 300 words per comment.

Public comments on specific agenda items (including your name, address, item you would like to comment on, and your comment) can be submitted up until noon on Tuesday, August 18, 2020, and reviewed by the Council as part of the record. General public comments (including your name, address, and your comment) can be submitted up until 30 minutes after the end of the Virtual Council Meeting and will be included in the minutes.

Further details and instructions concerning public participation in the Virtual Meeting are referenced in the City of Homestead Virtual Meetings Quick Start Guide located on the City's website.

DECORUM POLICY:

No individual shall make slanderous or unduly repetitive remarks, or engage in any other form of behavior that disrupts or impedes the orderly conduct of the meeting, as determined by the Mayor and/or Sergeant at Arms. No clapping, applauding, heckling or verbal outbursts in support or opposition to a speaker or his or her remarks shall be permitted. No signs or placards shall be permitted in the Council Chambers. Individuals addressing the Mayor and Council must first be recognized by the Mayor and must do so utilizing the designated podium in the Council Chamber. No more than one person may address the Council at a time unless specifically permitted by the Mayor. No person may stand in or on the aisles, the well or the dais. Individuals waiting to be recognized shall wait in an area designated by the City. Persons exiting the council chambers shall do so quietly. Any individuals determined to have violated the Rules of Decorum, as determined by the Mayor or Sergeant at Arms may be required to leave the Council Chambers.

1. **CALL TO ORDER**

2. **ROLL CALL**

3. **ADDITIONS, DELETIONS, DEFERRALS**

4. **CONSENT AGENDA**

- i. (A) JULY 9, 2020 COUNCIL WORKSHOP MINUTES
- (B) JULY 16, 2020 SPECIAL CALL MINUTES
- (C) JULY 22, 2020 COUNCIL MINUTES
- (D) JULY 29, 2020 SPECIAL CALL MINUTES

TAB 1

- ii. CAR #2797 – OMICRON TEST SET PURCHASE
- iii. CAR #2934 – CHILDREN’S TRUST SERVICE PARTNERSHIP GRANT
- iv. CAR #2937 – MUTUAL AID AGREEMENT WITH CITY OF WEST MIAMI POLICE DEPARTMENT
- v. CAR #2938 – MUTUAL AID AGREEMENT WITH CITY OF NORTH MIAMI BEACH POLICE DEPARTMENT
- vi. CAR #2939 – MUTUAL AID AGREEMENT WITH CITY OF HIALEAH POLICE DEPARTMENT

TAB 2

TAB 3

TAB 4

TAB 5

TAB 6

5. **PUBLIC HEARINGS – ORDINANCES, LAND USE ITEMS, ETC.:**

- (a) **QUASI-JUDICIAL PUBLIC HEARINGS** – PLEASE BE ADVISED THAT THE FOLLOWING ITEMS ON THE AGENDA ARE QUASI-JUDICIAL IN NATURE. IF YOU WISH TO COMMENT UPON ANY OF THESE ITEMS, PLEASE INDICATE THE ITEM NUMBER YOU WOULD LIKE TO ADDRESS WHEN THE ANNOUNCEMENT REGARDING THE QUASI-JUDICIAL ITEM IS MADE. AN OPPORTUNITY FOR PERSONS TO SPEAK ON EACH ITEM WILL BE MADE AVAILABLE AFTER THE APPLICANT AND STAFF HAVE MADE THEIR PRESENTATIONS ON EACH ITEM.

SWEARING IN. ALL TESTIMONY, INCLUDING PUBLIC TESTIMONY AND EVIDENCE, WILL BE MADE UNDER OATH OR AFFIRMATION. ADDITIONALLY, EACH PERSON WHO GIVES TESTIMONY MAY BE SUBJECT TO CROSS-EXAMINATION. IF YOU DO NOT WISH TO BE EITHER CROSS-EXAMINED OR SWORN, YOUR TESTIMONY WILL BE GIVEN ITS DUE WEIGHT. THE GENERAL PUBLIC WILL NOT BE PERMITTED TO CROSS-EXAMINE WITNESSES, BUT THE PUBLIC MAY REQUEST THE COUNCIL TO ASK QUESTIONS OF STAFF OR WITNESSES ON THEIR BEHALF. THE FULL AGENDA PACKET ON EACH ITEM IS HEREBY ENTERED INTO THE RECORD. PERSONS REPRESENTING ORGANIZATIONS MUST PRESENT EVIDENCE OF THEIR AUTHORITY TO SPEAK FOR THE ORGANIZATION. FURTHER DETAILS OF THE QUASI-JUDICIAL PROCEDURES MAY BE OBTAINED FROM THE CLERK. (IN ACCORDANCE WITH CODE SECTION 2-591, ANY LOBBYISTS MUST REGISTER BEFORE ADDRESSING THE COUNCIL ON ANY OF THE FOLLOWING ITEMS). AT THIS TIME COUNCILMEMBERS MUST DISCLOSE ANY EX-PARTE COMMUNICATIONS CONCERNING ANY ITEMS ON THE AGENDA.

AT THIS TIME THE CLERK WILL SWEAR IN ANY PERSON(S) WHO WISHES TO TESTIFY ON ANY QUASI-JUDICIAL ITEM.

FIRST READING

- i. CAR #2956 – PH2020-32 KING’S HIGHWAY, LLC, REZONING FROM B-1A ZONING DISTRICT **TAB 7**
TO R-1 ZONING DISTRICT
AN ORDINANCE OF THE CITY OF HOMESTEAD, FLORIDA, APPROVING THE REZONING AND RELEASE OF THE RECORDED AMENDED COVENANT RUNNING WITH THE LAND, REQUESTED BY KING’S HIGHWAY, LLC, FROM PROFESSIONAL BUSINESS RESTRICTED (B-1A) ZONING DISTRICT TO ONE FAMILY (R-1) ZONING DISTRICT FOR THREE (3) ADJACENTLY LOCATED PARCELS OF LAND CONSISTING OF APPROXIMATELY 0.58 ACRES, GENERALLY LOCATED NORTH OF NW 15TH STREET, EAST OF NW 2ND AVENUE, SOUTH OF NW 16TH STREET AND WEST OF NW 1ST AVENUE AS LEGALLY DESCRIBED IN EXHIBIT “A;” PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

- ii. CAR #2961 – PH2019-45 SITE PLAN APPROVAL FOR COPART OF CONNECTICUT, INC. **TAB 8**
A RESOLUTION OF THE CITY OF HOMESTEAD, FLORIDA, GRANTING SITE PLAN APPROVAL, REQUESTED BY COPART OF CONNECTICUT, INC., FOR THE DEVELOPMENT OF A VEHICLE STORAGE FACILITY ON AN APPROXIMATELY 38 ACRE PARCEL OF LAND WITHIN THE HOMESTEAD PARK OF COMMERCE (HPOC), GENERALLY LOCATED NORTH OF PARK OF COMMERCE, EAST OF SW 152ND AVENUE, SOUTH OF SE 14TH STREET, AND WEST OF SW 142ND AVENUE, AS LEGALLY DESCRIBED IN EXHIBIT “A;” AND PROVIDING FOR AN EFFECTIVE DATE.

- iii. CAR #2960 – PH2019-44 TENTATIVE PLAT APPROVAL FOR COPART OF CONNECTICUT, INC. **TAB 9**
A RESOLUTION OF THE CITY OF HOMESTEAD, FLORIDA, GRANTING TENTATIVE RE-PLAT APPROVAL, REQUESTED BY COPART OF CONNECTICUT, INC., FOR THE DEVELOPMENT OF A VEHICLE STORAGE FACILITY ON AN APPROXIMATELY 38 ACRE PARCEL OF LAND WITHIN THE HOMESTEAD PARK OF COMMERCE (HPOC), GENERALLY LOCATED NORTH OF PARK OF COMMERCE, EAST OF SW 152ND AVENUE, SOUTH OF SE 14TH STREET, AND WEST OF SW 142ND AVENUE, AS LEGALLY DESCRIBED IN EXHIBIT “A;” AND PROVIDING FOR AN EFFECTIVE DATE.

6. LEGISLATIVE MATTERS

(a) ORDINANCES

SECOND READING

- i. CAR #2841 – PH2019-42 MODIFICATION TEXT AMENDMENT TO THE MASTER DEVELOPMENT PLAN FOR THE HOMESTEAD PARK OF COMMERCE (HPOC) **TAB 10**
AN ORDINANCE OF THE CITY OF HOMESTEAD, FLORIDA, AMENDING THE MASTER DEVELOPMENT PLAN FOR THE HOMESTEAD PARK OF COMMERCE (HPOC) LOCATED WITHIN THE VILLAGES OF HOMESTEAD (VOH) DEVELOPMENT OF REGIONAL IMPACT (DRI), REQUESTED BY COPART OF CONNECTICUT, INC., TO ALLOW VEHICLE STORAGE (NO SALES) AS A PERMITTED USE WITHIN THE HPOC; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

FIRST READING

- ii. CAR #2955 – PH2020-31 KING’S HIGHWAY, LLC SMALL SCALE COMPREHENSIVE PLAN AMENDMENT FROM LCU TO LRU **TAB 11**
AN ORDINANCE OF THE CITY OF HOMESTEAD, FLORIDA, AMENDING THE COMPREHENSIVE PLAN FUTURE LAND USE MAP DESIGNATION, REQUESTED BY KING’S HIGHWAY, LLC, FOR THREE (3) ADJACENTLY LOCATED PARCELS OF LAND CONSISTING OF APPROXIMATELY 0.58 ACRES FROM LIGHT COMMERCIAL USE (LCU) TO LOW RESIDENTIAL USE (LRU) FOR PROPERTY GENERALLY LOCATED NORTH OF NW 15TH STREET, EAST OF NW 2ND AVENUE, SOUTH OF NW 16TH STREET AND WEST OF NW 1ST AVENUE, AS LEGALLY DESCRIBED IN EXHIBIT “A;” PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR INCLUSION IN THE COMPREHENSIVE PLAN; AND PROVIDING FOR AN EFFECTIVE DATE.

FIRST READING

- iii. CAR #2930 – PH2020-11 AMENDMENT TO COMPREHENSIVE PLAN – WATER SUPPLY FACILITY PLAN **TAB 12**
AN ORDINANCE OF THE CITY OF HOMESTEAD, FLORIDA ADOPTING AN AMENDMENT TO THE WATER SUPPLY FACILITIES WORK PLAN AND TO AMEND THE CITY OF HOMESTEAD COMPREHENSIVE PLAN TO STRENGTHEN COORDINATION BETWEEN WATER SUPPLY AND LOCAL LAND USE PLANNING BY AMENDING THE TEXT CONTAINED IN THE INFRASTRUCTURE, CONSERVATION, INTERGOVERNMENTAL COORDINATION AND CAPITAL IMPROVEMENT ELEMENTS; PROVIDING FOR TRANSMITTAL OF CERTIFIED COPIES OF THIS ORDINANCE AND COMPREHENSIVE PLAN TO THE FLORIDA DEPARTMENT OF ECONOMIC OPPORTUNITY AND ALL OTHER UNITS OF LOCAL GOVERNMENT OR GOVERNMENTAL AGENCIES AS REQUIRED UNDER CHAPTER 163, PART II, FLORIDA STATUTES; PROVIDING FOR ADOPTION PURSUANT TO SECTION 163.3184, FLORIDA STATUTES; PROVIDING FOR INCLUSION IN THE CITY OF HOMESTEAD COMPREHENSIVE PLAN; PROVIDING FOR REPEAL OF CONFLICTS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

FIRST READING

- iv. CAR #2854 – FLOODPLAIN MANAGEMENT ORDINANCE **TAB 13**
AN ORDINANCE OF THE CITY OF HOMESTEAD, FLORIDA, AMENDING CHAPTER 6 “BUILDING AND BUILDING REGULATIONS,” ARTICLE VIII “FLOOD DAMAGE PREVENTION,” BY REPEALING ARTICLE VIII, “FLOOD DAMAGE PREVENTION” AND REPLACING WITH REGULATIONS THAT COMPLY WITH THE PARTICIPATING CRITERIA OF THE NATIONAL FLOOD INSURANCE PROGRAM AND FLOODPLAIN MANAGEMENT RELATED REQUIREMENTS OF THE STATE OF FLORIDA; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE.

SECOND READING

(b) MOTIONS

- i. CAR #2953 – ITB #202003 – JANITORIAL SERVICES **TAB 14**

7. RESOLUTIONS

- i. CAR #2967 – INTERLOCAL AGREEMENT FOR CARES ACT **TAB 15**
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOMESTEAD, FLORIDA, APPROVING AN INTERLOCAL AGREEMENT FOR FEDERALLY-FUNDED SUBAWARD WITH MIAMI-DADE COUNTY FOR THE REIMBURSEMENT OF EXPENSES INCURRED DUE TO THE NOVEL CORONAVIRUS DISEASE 2019 (COVID-19) PURSUANT TO THE CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY (CARES) ACT; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.
- ii. CAR #2964 – SETTLEMENT OF CASE No. 18-042920-CA-32 CRISTAL YELLEN VS. CITY OF HOMESTEAD **TAB 16**
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOMESTEAD, FLORIDA, APPROVING THE SETTLEMENT OF ALL CLAIMS MADE BY CRISTAL YELLEN; PROVIDING FOR IMPLEMENTATION; PROVIDING FOR AN EFFECTIVE DATE.
- iii. CAR #2966 – SETTLEMENT OF CASE No. 19-010358ERA, GODFREY ROLLE VS. CITY OF HOMESTEAD **TAB 17**
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOMESTEAD, FLORIDA, APPROVING THE SETTLEMENT OF ALL CLAIMS INCLUDING THE WORKERS COMPENSATION CLAIMS OF GODFREY ROLLE; AND PROVIDING FOR AN EFFECTIVE DATE.
- iv. CAR #2973 – INTERLOCAL AGREEMENT FOR EXTENSION OF THE CRA **TAB 18**
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOMESTEAD, FLORIDA, APPROVING THE RESTATED INTERLOCAL COOPERATION AGREEMENT RELATED TO THE CITY OF HOMESTEAD COMMUNITY REDEVELOPMENT AGENCY (“HCRA”) WITH MIAMI-DADE COUNTY; PROVIDING FOR AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

8. **DISCUSSION**

- i. CAR #2962 – ELECTRIC RATE REDUCTION

TAB 19

9. **PUBLIC COMMENTS**

10. **BUSINESS FROM THE CITY MANAGER:**

11. **CITY ATTORNEY'S REPORT:**

12. **REPORTS OF MAYOR AND COUNCIL:**

(a) COUNCILWOMAN BAILEY

(b) COUNCILMAN ROTH

(c) COUNCILWOMAN ÁVILA

- i. CAR #2969 – SOUTH DADE CHAMBER OF COMMERCE SUPPORT OF MILITARY HOUSING **TAB 20**
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HOMESTEAD, FLORIDA; SUPPORTING THE SOUTH DADE CHAMBER OF COMMERCE MILITARY AFFAIRS COMMITTEE'S ESTABLISHMENT OF A MILITARY HOUSING RENTAL ASSISTANCE PROGRAM WITHIN SOUTH DADE TO ASSIST ACTIVE MILITARY MEMBERS, RESERVISTS, VETERANS AND THEIR FAMILIES TO OBTAIN AFFORDABLE HOUSING; PROVIDING FOR TRANSMITTAL; PROVIDING FOR AN EFFECTIVE DATE.

(d) COUNCILMAN FLETCHER

(e) COUNCILMAN SHELLEY

(f) VICE MAYOR FAIRCLOUGH-STAGGERS

(g) MAYOR LOSNER

- i. DISCUSSION/ACTION ON CONTINUATION OF AD-HOC CHARTER REVIEW COMMITTEE
ii. RATIFICATION OF POLICE PENSION BOARD REAPPOINTMENT OF TRUSTEE RON KHAWLY

13. **ADJOURNMENT**

NOTICE TO PUBLIC

- IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990, ALL PERSONS WHO ARE DISABLED AND WHO NEED SPECIAL ACCOMMODATIONS TO PARTICIPATE IN THIS VIRTUAL MEETING BECAUSE OF THAT DISABILITY SHOULD CONTACT THE OFFICE OF THE CITY CLERK, 305-224-4442 NO LATER THAN TWO DAYS PRIOR TO SUCH PROCEEDING.
- ANYONE WISHING TO APPEAL ANY DECISION MADE BY THE CITY OF HOMESTEAD CITY COUNCIL, WITH RESPECT TO ANY MATTER CONSIDERED AT SUCH MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDINGS AND, FOR SUCH PURPOSE, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE, WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.
- ANYONE WISHING TO OBTAIN A COPY OF ANY AGENDA ITEM SHOULD CONTACT THE CITY CLERK AT 305-224-4442.
- IN ACCORDANCE WITH CODE SECTION 2-591, ANY LOBBYISTS MUST REGISTER WITH THE CITY CLERK'S OFFICE BEFORE ADDRESSING THE COUNCIL ON ANY OF THE ABOVE ITEMS.
- TWO OR MORE MEMBERS OF THE CITY COUNCIL AND OTHER CITY BOARDS MAY BE IN ATTENDANCE AT ANY MEETING LISTED.
- PLEASE NOTE THAT GOVERNOR DESANTIS' EXECUTIVE ORDER 20-69 SUSPENDED THE REQUIREMENTS OF SECTION 286.011, FLORIDA STATUTES, THE FLORIDA SUNSHINE LAW, THAT A QUORUM BE PRESENT AND THAT A LOCAL GOVERNMENT BODY MEET AT A SPECIFIC PUBLIC PLACE. THE EXECUTIVE ORDER ALSO ALLOWS LOCAL GOVERNMENT BODIES TO UTILIZE COMMUNICATIONS MEDIA TECHNOLOGY, SUCH AS TELEPHONIC AND VIDEO CONFERENCING FOR LOCAL GOVERNMENT BODY MEETINGS.



**CITY OF HOMESTEAD
10-YEAR WATER SUPPLY FACILITIES
WORK PLAN UPDATE
(2020-2030)**

1st Reading August 19, 2020

Adoption TBD

Prepared By:

The Corradino Group
4055 NW 97th Avenue
Miami, FL 33178

CITIZENS OF HOMESTEAD

CITY COUNCIL

Steven D. Losner, Mayor
Patricia D. Fairclough-Staggers, Ed.S, Vice Mayor
Erica G. Ávila, Councilwoman
Jenifer N. Bailey, Councilwoman
Sean L. Fletcher, Councilman
Larry Roth, Councilman
Stephen R. Shelley, Councilman

CITY MANAGER'S OFFICE

Cate McCaffrey, City Manager
Jerry Estrada, Assistant City Manager
Ana Alvarez, Assistant City Manager
Weiss Serota Helfman Cole & Bierman, City Attorney
Elizabeth Sewell, MMC, City Clerk

EXECUTIVE MANAGEMENT TEAM

Al Rolle, Chief of Police
Barbara Quinones, Homestead Utilities Director
Vivian Manach, Human Resources Director
Pedro Reynaldos, Parks, Recreation & Facilities Maintenance Director
Julio Brea, Public Works & Engineering Director
Kametra Driver, Community Redevelopment Agency Director
Roxana Pereira, Acting Customer Service Director
Joseph M. Corradino, Development Services Director
Carlos M. Perez, Finance Director

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1.0 INTRODUCTION

The purpose of the City of Homestead 10-Year Water Supply Facilities Work Plan Update (Work Plan Update) adopted [DATE] 2020 is to continue to identify and plan for the water supply sources and facilities needed to serve existing and new development within the local government's jurisdiction.

Chapter 163, Part II, F.S., requires local governments to prepare and adopt Work Plan Updates and incorporate by reference into their comprehensive plans within 18 months after the water management district approves a regional water supply plan or its update. The City is located in the South Florida Water Management District region in southeast Florida. The *2018 Lower East Coast Water Supply Plan Update* was approved by the South Florida Water Management District (SFWMD) on November 8, 2018. Therefore, local governments within the South Florida Water Management District Lower East Coast jurisdiction should amend their comprehensive plans to adopt a Work Plan Update by May 2020.

The City's first Work Plan was completed in July 2009 and was found "Not in Compliance" as defined in Section 163.3184(1) (b) 1, F.S. The City negotiated with the Department of Community Affairs (now Department of Economic Opportunity) and entered into a Stipulated Settlement Agreement which was approved by City Council on June 15, 2011. On July 26, 2011 the City Council then adopted the Remedial Amendments (Ordinance No. 2011-07-10) necessary for a determination of "Compliance" with Florida Statute. The 2015 adopted 10-year Water Supply Facilities Work Plan Update was based on those amendments.

Residents and businesses of the City's Water Service Area obtain their water from the City of Homestead Public Services Department – Water Division which is responsible for ensuring enough capacity is available for existing and future customers.

The City of Homestead owns, operates, and maintains wellheads, a treatment system and central potable water distribution system, which distributes the potable water to its citizens and portions of unincorporated Miami-Dade County. The City is entirely responsible for the planning, financing, construction and operation of the water supply facilities. The City's potable water distribution system provides potable water for both residential and non-residential purposes, including fire protection demands. There is also one interconnect with Miami-Dade County WASD.

The City recognizes that in order to maintain a water supply system and conservation program there must be effective coordination with both the Miami-Dade County Water and Sewer Department (MDWASD) and South Florida Water Management District (SFWMD). The City has an excellent working relationship with WASD in ensuring compliance with all regulations and guidelines.

The City of Homestead Water Supply Facilities Work Plan Update (Work Plan Update) will reference the initiatives already identified in Miami-Dade County's 20-Year Work Plan Update, adopted **XXXXX**. According to state guidelines, the Work Plan Update and the associated comprehensive plan amendments must address the development of traditional and alternative water supplies, bulk sales agreements and conservation and reuse programs that are necessary to serve existing and new development for at least a 10-year planning period. The City of Homestead Work Plan Update has a planning period of 10 years while Miami-Dade County and SFWMD Water Supply Plans have a 20-year planning period.

The City's Work Plan is divided into five sections:

Section 1 – Introduction

Section 2 – Background Information

Section 3 – Data and Analysis

Section 4 – Work Plan Projects/Capital Improvement Element/Schedule

Section 5 – Goals, Objectives, Policies

1.1 Statutory History

The Florida Legislature has enacted bills in the 2002, 2004, 2005, 2012, 2015, and 2016 sessions to address the state's water supply needs. These bills, especially Senate Bills 360 and 444 (2005 legislative session), significantly changed Chapter 163 and 373 Florida Statutes (F.S.) by strengthening the statutory links between the regional water supply plans prepared by the water management districts and the comprehensive plans prepared by local governments. In addition, these bills established the basis for improving coordination between the local land use planning and water supply planning.

1.2 Statutory Requirements

The City of Homestead has considered the following statutory provisions when updating the 10-Year Water Supply Facilities Work Plan (Work Plan Update):

1. Coordinate appropriate aspects of its comprehensive plan with the South Florida Water Management District's Regional Water Supply Plan, [163.3177(6) (a), F.S.].
2. Ensure that its future land use plan is based upon availability of adequate water supplies and public facilities and services [s.163.3177 (6) (a), F.S. Data and analysis demonstrating that adequate water supplies and associated public facilities will be available to meet projected growth demands must accompany all proposed Future Land Use Map amendments submitted for review.
3. In consultation with the water supplier, ensure that adequate water supplies and potable water facilities are available to serve new development no later than the issuance by the local government of a certificate of occupancy or its functional equivalent [s.163.3180 (2) (a), F.S.].

4. For local governments subject to a regional water supply plan, revise the General Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge Element (the “Infrastructure Element”), within 18 months after the water management district approves an updated regional water supply plan, to:
 - a. Identify and incorporate the alternative water supply project(s) selected by the local government from projects identified in the updated SFWMD Regional Water Supply Plan or the alternative project(s) proposed by the local government under s. 373.709(8)(b), F.S. [s. 163.3177(6)(c), F.S.];
 - b. Identify the traditional and alternative water supply projects, and the conservation and reuse programs necessary to meet water needs identified in the SFWMD Regional Water Supply Plan [s. 163.3177(6)(c), F.S.]; and,
 - c. Update the Work Plan for at least a 10-year planning period for constructing the public, private, and regional water supply facilities identified in the element as necessary to serve existing and new development. [S. 163.3177(6) (c), F.S.].
5. Revise the Five-Year Schedule of Capital Improvements to include water supply, reuse, and conservation projects and programs to be implemented during the five-year period [s. 163.3177(3) (a) 4, F.S.].
6. To the extent necessary to maintain internal consistency after making changes described in Paragraph 1 through 5 above, revise the Conservation Element to assess projected water needs and sources for at least a 10-year planning period, considering the SFWMD Regional Water Supply Plan, the applicable District Water Management Plan, as well as applicable consumptive use permit(s). [s.163.3177 (6) (d), F.S.]. The plan must address the water supply sources necessary to meet and achieve the existing and projected water use and demand for the established planning period, considering the SFWMD Regional Water Supply Plan [s.163.3167(9), F.S.].
7. To the extent necessary to maintain internal consistency after making changes described in Paragraphs 1 through 5 above, revise the Intergovernmental Coordination Element to ensure coordination of the comprehensive plan with the SFWMD Regional Water Supply Plan [s.163.3177(6)(h)1., F.S.].
8. Local governments are required to comprehensively evaluate and update the Comprehensive Plan to reflect changes in local conditions every seven years. The evaluation could address the local governments to update their Work Plan, including the development of alternative water supplies, and determine whether the identified alternate water supply projects, traditional water supply projects, and conservation and reuse programs are meeting local water use demands [s.163.3181(3), F.S.].
9. Local governments may be exempt from updating their Work Plan if they meet certain criteria. A local government that does not own, operate, or maintain its own water supply facilities and is served by a public water supply entity with a permitted allocation of 300 million gallons per day or greater is not required to amend its Comprehensive Plan when an RWSP is updated if the local government uses less than 1 percent of the public water supply entity’s total permitted allocation. However, the local government must cooperate

with the public water supply entity that provides service within its jurisdiction and must keep the Sanitary Sewer, Solid Waste, Drainage, Potable Water, and Natural Groundwater Aquifer Recharge element up to date, pursuant to Section 163.3191, F.S. A local government should contact the Florida Department of Economic Opportunity (DEO) to verify its qualifications for the exemption [Section 163.3177(6)(c)4., F.S.].

2.0 BACKGROUND INFORMATION

2.1 Overview

The City of Homestead was incorporated in 1913 and is located in the southern portion of Miami-Dade County (approximately 35 miles southwest of the City of Miami. The City has a land area of approximately 15.60 square miles) and is bounded by: Florida City and unincorporated Miami-Dade County to the south; and unincorporated Miami-Dade County to the north, east and west. Adjoining the City is Homestead Joint Air Reserve Base. Homestead is very unique due to the fact that is located between two National Parks - Biscayne and Everglades. Since the date of the 2009 Water Supply Facilities Work Plan the City has not annexed any new areas.

Homestead is a full service, ethnically diverse, residential, business and industrial community and is central to the area’s large agricultural industry. The City is a diverse, growing and dynamic City. With a current population of 70,096, it is the 5th largest municipality in the County.

For the purpose of water supply planning the MDWASD projections for Wholesale Customers will be utilized.

The population projections represent all water users regardless of service provider. The population numbers are based on total city population, consistent with those used by Miami Dade County WASD in the surrounding areas.

The municipal population projections are as follows:

POPULATION DATA

Table 1

	Year_2015	Year_2020	Year_2025	Year_2030	Year_2040
HOMESTEAD	65,516	70,096	74,924	79,751	96,750
MD COUNTY	2,629,878	2,777,310	2,924,743	3,072,175	
Source: Miami Dade Water and Sewer Department (MDWASD)					

The City of Homestead is a Manager, Mayor/Council form of government. The Mayor chairs the City Council which is made up of seven individuals responsible for approving the budget and passing legislation necessary to govern the City. Both the Mayor, who serves a two-year term, and Council (four-year terms) are elected by the people of Homestead. City elections are held every two years due to the fact that no more than four seats of the Council are subject to election at any one time.

2.2 Relevant Regional Issues

Regional issues that affect the City of Homestead include minimizing pressure on the Everglades and Biscayne Bay ecosystems and, Biscayne and Florida Aquifers. To that end, the Comprehensive Everglades Restoration Plan (CERP) is providing the foundation for one of the largest ecosystem restoration projects in the world. The SFWMD and the US Army Corps of Engineers have partnered in order to restore, protect and preserve the water resources of central and southern Florida, including the Everglades. Various projects under CERP help ensure the proper quantity, quality, timing, and distribution of waters to the Everglades and all of South Florida. The goal of CERP is to capture fresh water that now flows unused to the Atlantic Ocean and the Gulf of Mexico redirect it to areas that need it most. Another issue is Climate change which has the potential to affect hydrologic conditions which may lead to intrusion of saltwater in the Region's water supply sources.

The South Florida Water Management District is the state agency responsible for water supply in the Lower East Coast planning area which includes the jurisdictional boundaries of Homestead. SFWMD plays a pivotal role in resource protection, through criteria used for Consumptive Use Permitting. As pressure increased on the Everglades ecosystem resource, the Governing Board initiated rulemaking to limit increased allocations dependent on the Everglades system. As a result, the Regional Water Availability Rule was adopted by the Governing Board on February 15, 2007 as part of the SFWMD's water use permit program. This reduced reliance on the regional system for future water supply needs, mandates the development of alternative water supplies, and increasing conservation and reuse.

Recently, the SFWMD's priorities have focused on creating Water Reservation rules to facilitate construction of CERP project components. The City is in support of CERP and other restoration projects in the LEC area that support the Northern/Southern Everglades 20-year commitment to Everglades restoration, including the C-111 South Dade, C-111 Spreader, Biscayne Bay Coastal Wetland BBCW L-31 East Flowway, BBCW Deering Estate, BBCW Cutler Wetlands projects.

Even with an ever-increasing population, withdrawals from the Aquifers will be limited, greater conservation will be required to reduce per capita use; and, reclaimed water must continue to be an important alternative water source per the Ocean Outfall Program.

The Lower East Coast's 2018 Plan Update notes that a number of utilities have diversified their water supplies, including treatment and storage technologies, and water conservation programs.

These alternatives include constructing brackish Florida aquifer wells and reverse osmosis treatment plants, reclaimed water treatment and distribution facilities, and aquifer storage and recovery systems. Between 2007 and 2009, 41 MGD of potable water supply capacity was added. From 2010 to 2013, nine utilities built potable water supply (PWS) projects with a capacity of 49 MGD. Approximately 14 percent of the current PWS allocation is now from an alternative water source, primarily brackish groundwater. From 2013 to 2018, the SFWMD provided more than \$3 million in alternative water supply funding for 11 projects in the LEC Planning Area. Funded projects created 9.25 million gallons per day (mgd) of new reclaimed water capacity and 4.19 mgd of additional reclaimed water distribution or storage in the LEC Planning Area.

Through Policies IC 1.14 the City supports CERP and the Biscayne Bay Coastal Wetlands Project. Additional Potable Water Sub-Element Objective 6 and its Policies promote conservation through reclaimed water reuse.

Through implementation of projected Capital Improvement Projects, the City will address Regional concerns as listed on the 2018 Lower East Coast Water Supply Plan update. These include water reuse projects to take advantage of treated wastewater effluent, which meets secondary drinking water standards.

The 2018 Lower East Coast Water Supply Plan Update water supply issues are as follows:

1. Fresh surface water and groundwater are limited; further withdrawals could have impacts on the regional system, wetlands, existing legal uses, and saltwater intrusion. As a result, additional alternative water supplies need to be developed.
2. Surface water allocations from Lake Okeechobee and the Water Conservation Areas are limited in accordance with the Lake Okeechobee Service Area RAA criteria.
3. Construction of additional storage systems (e.g., reservoirs, aquifer storage and recovery systems) to capture wet season flow volumes will be necessary to increase water availability during dry conditions and attenuate damaging peak flow events from Lake Okeechobee.
4. Expanded use of reclaimed water is necessary to meet future water supply demands and the Ocean Outfall Law.
5. Expanded use of brackish groundwater from the Floridan aquifer system requires careful planning and wellfield management to prevent undesirable changes in water quality.

3.0 DATA AND ANALYSIS

The intent of the data and analysis section of the Work Plan Update is to describe the information that local governments need to provide to state planning and regulatory agencies as part of their proposed comprehensive plan amendments, particularly those that would change the Future Land Use Map (FLUM) to increase density and/or intensity. Additionally, population projections should be reviewed for consistency between the County and the South Florida Water Management District’s Water Supply Plan.

The City has a Level of Service of 168.58 gallons per capita per day. The per capita demand from City of Homestead historical flow calculation supports the proposed conservative Level of Service of 168.58 gpcd. The City is implementing policies and taking numerous actions to address water loss.

3.1 Population Information

The City existing and future population figures were derived from Miami-Dade County Planning and Zoning Department in conjunction with Miami-Dade Water and Sewer Department.

CITY OF HOMESTEAD SERVICE AREA POPULATION COMPARISONS

Table 2

	2015	2020	2030	2040
Homestead	63,042	67,365	76,012	84,659
Homestead - WASD Service Area	2,531	2,992	3,915	4,839
Un-incorporated Miami-Dade	5,546	5,887	6,570	7,252
Homestead Total Service Area	71,118	76,244	86,497	96,750

Source: Miami Dade Water and Sewer Department (MDWASD)

3.2 Maps of Current and Future Areas Served

Figure 2. Depicts current and future water service areas of the City. The City serves customers both within its municipal boundaries and small portions of unincorporated Miami-Dade County to the north and west while MDWASD provides service to an area in the eastern part of the City.

Although there are domestic self-supply systems located within the City, withdrawal amounts are not accounted. Infrastructure Element Potable Water Sub-Element Policy 1.1 states “Establish a high priority in the Capital Improvements Element for the correction of existing potable water deficiencies, extension of central water to City areas served by on-site wells where drinking water standards are not met, and overall system maintenance needs .” This is an ongoing function of the City.

3.3 Potable Water Level of Service Standard

Current City adopted LOS are outlined in the following Policies.

Infrastructure Element

(D) Potable Water Sub-Element

Policy 2.2: Maintain a potable water level-of-service of ~~one hundred and seventy five (175)~~ one hundred and sixty and fifty-eight hundredths (168.58) gallons per capita per day City-wide.

Capital Improvements Element

Policy 3.5: As indicated in the applicable Elements of this Comprehensive Plan, the City of Homestead has adopted the following minimum level-of-service (LOS) standards:

* * *

- *Potable Water:* ~~175~~ 168.58 gallons per capita City-wide.

Previously, the City had an adopted level of service for water of 175 gallons per capita per day and that an LOS for commercial, office or industrial sites should be addressed through Best Management Practices (BMPs) that will be implemented through the Water Conservation Plans. However, the per capita rate submitted into the District’s WaSUP Utility System in 2019 was that the uniform per capita rate was 168.58 gpcd.

Based on data provided and using population figures for areas serviced by the City or by other providers within City limits the LOS standard was not modified.

Historical data analysis of annual average daily flows show that the actual per capita usage rates are as follows:

- Miami-Dade County services area within Homestead 139.14 gpcd
- Areas serviced by City of Homestead water 166 gpcd

Therefore; the City proposed to use a level of service of 168.58 gpcd to remain conservative with future water demand projections.

3.4 Population and Potable Water Demand Projections for the City

CITY OF HOMESTEAD
POPULATION AND DEMANDS FOR 10-YEAR WATER SUPPLY FACILITIES WORK PLAN
UPDATE MIAMI-DADE COUNTY ESTIMATES

Table 3

SERVICE AREA	Population Projections				WATER SUPPLY DEMAND (MGD) – 168.58 gpcd (Homestead) 139.14 gpcd (Unincorporated)			
	2015	2020	2025	2030	2015	2020	2025	2030
TOTAL POPULATION								
Homestead	61,295	66,577	71,859	76,012	9.62	11.65	12.57	13.30
Unincorporated Area	5,233	5,648	6,062	6,570	0.72	0.79	0.84	.91
TOTAL	66,528	72,225	77,921	82,582	10.34	12.44	13.41	14.2
* Source – Miami-Dade County								

CITY OF HOMESTEAD
HISTORICAL PER CAPITA DEMAND BASED ON CALIBRATED METER READING

Table 4

Year	Reading Flow Into System (MGD)	Population Served	Flow per Capita (GPD)
2013	10.31	64,444	160
2014	11.88	66,586	178
2015	12.84	69,533	185
2016	12.19	70,209	174
2017	10.97	73,627	149
2018	11.09	73,863	150
Average	11.55		166

Source: City of Homestead

The City elects to adopt per capita flows using Miami-Dade County's figures as a conservative approach.

The per capita demand from Miami-Dade's water supply plan and City of Homestead historical flow calculation both support the proposed conservative Level of Service of 168.58 gpcd.

PROJECTED DEMANDS

Table 5

Year	Population (Service Area)	Per Capita Use	Average Use MGD
2019	75219	168.58	12.68
2020	76244	168.58	12.85
2025	81371	168.58	13.717
2030	86497	168.58	14.58

3.5 Water Supply Distribution Provided by City

The City of Homestead owns and operates its own Water Treatment Plant (WTP) and distribution system. The Biscayne Aquifer is the source of potable water for the City. The City potable water level of service (LOS) standard is 168.58 gallons per capita City-wide. In addition, the City projects that adequate capacity is available to serve existing and future land uses through the planning horizon of 2030 based upon the projected population.

Future projected demand of 12.85 mgd will be resourced as follows:

Table 6

Source	Supply
City of Homestead	10.55 MGD
Purchase MDC WASD	3 MGD
Total Available for 2020	13.55 MGD

The City currently has infrastructure in place which provides an interconnection between the City’s distribution system and Miami-Dade County WASD department. This interconnection allows for the City to purchase Miami-Dade County WASD source water to supplement its current restriction of 10.55 MGD. This interconnection is located at intersection of SW 137 Avenue and SW 288 Street. Several capital improvements related to potable water are underway and planned, as also detailed in the Infrastructure Element and in the proposed Schedule of Capital Improvements.

Homestead	2015	2040
Homestead	63,042	84,659
Homestead - WASD Service Area	2,531	4,839
Un-incorporated Miami-Dade	5,546	7,252
Homestead Total Service Area	71,118	96,750

Source: MDWASD Miami Dade Water and Sewer

The City of Homestead’s water system consists of a groundwater supply source, treatment plant, distribution and elevated storage tanks network. Before being used for public consumption, source water is treated by chlorination and then fluoride is added. The South Florida Water Management District is responsible for managing source water supplies to meet existing and future water demands. Homestead water facilities are located at Harris Field and Wittkop Park. Two wells at Harris Field and four wells at Wittkop Park produce an average of 10.24 million gallons per day (MGD). A treatment plant and elevated 500,000 gallon storage tank is located at each well field. A one-million-gallon tank is located at the Park of Commerce area for additional storage. Total firm water production capacity is 13.39 MGD. The Water Department has 24,790 accounts. (Source: COH)

The City of Homestead Water Use Permit 13-00046-W was modified and approved by the SFWMD on October 13, 2010 and will expire on May 10, 2026.

For the water purchased from WASD, the County's current Water Use Permit (WUP) is active through 2035 with adequate water resources available to meet all long-term demands. A copy of the permit is attached, as well as Exhibit 13 which includes the most current Alternative Water Supply projects for WASD in the permit. WASD is working on a WUP modification and will propose to meet the future water demands through wellfield optimization, the C-51 Reservoir and a new South Dade Wellfield. The WUP modification is anticipated to be submitted to SFWMD in 2020.

Pursuant to the terms of a Consent Agreement between the City of Homestead and the SFWMD, dated December 7, 2009, the City is required to maintain withdrawal from the Biscayne Aquifer a maximum of 10.55 MGD to meet the conditions of the City's Water Use Permit. In an effort to ensure compliance with this requirement, on July 9, 2010 the City entered into a 20-year water wholesale agreement with MDWASD to purchase up to 3 MGD of water to meet the demands of its retail customers.

To achieve this the City has installed an isolation valve which will affectively separate geographic areas to be serviced by City's wells from areas using County water supply. The location of this valve was selected so as to limit water usage from City's wells to 10.55 MGD, as per the consent agreement. The location of this valve has been modified on several occasions to address user demand fluctuation.

3.5.1 Public Distribution System

The City's water system includes two (2) water treatment plants (WTPs) with the Biscayne Aquifer raw water supply wells. According to the South Florida Water Management District's (SFWMD) Consumptive Use Permit (CUP) Staff Review Summary Report, the Florida Department of Environmental Protection (FDEP) certified the WTP's for a combined capacity of 17 mgd for public water supply under I.D. No. 4130645. The water distribution system consists of approximately 1,000,000 feet of 2- inch through 24-inch water mains. The City has one interconnect with the Miami-Dade Water and Sewer Department (MDWASD).

3.5.2 Public Potable Water Treatment Facilities

Homestead currently owns and operates two (2) well fields in the City: Harris Field and Wittkop Park. Combined, the two well fields provide a total of six (6) raw production wells in the City, with the ability to produce an average of 8.9 million gallons per day with the capacity to produce 11,800 gallons per minute (17 million gallons per day (MGD)).

3.5.3 Public Potable Water Storage Facilities

The City operates three (3) elevated storage tanks distributed within the service area. The storage tanks provide the hydraulic gradient which pressurizes the distribution system by gravity. The tanks are located at Wittkop Park WTP, Harris Field WTP and in vicinity to the Homestead Motorsport Complex. The total treated water capacity of the three storage tanks is 2.0 million gallons. Table 7 summarizes the capacity information for each elevated storage tank.

WATER STORAGE FACILITIES

Table 7

Location	Type	Capacity (MG)
Harris Field	Elevated	0.50
Wittkop Park	Elevated	0.50
Homestead Motorsports Complex	Elevated	1.00

Source: City of Homestead 10-Year Water Supply Work Plan (June 2008).

3.6 Water Supply Provided by Miami-Dade County

The MDWASD System supplies potable water to over 2.2 million persons, including residents and businesses within a number of municipalities, and is an interconnected system of three subareas. Other water suppliers within Miami-Dade County include: North Miami Beach, North Miami, Homestead and Florida City. Currently within the MDWASD Service Area there are 15 municipal wholesale customers.

The Work Plan was updated to be based on best available information since at this time MDWASD is in the process of updating their Work Plan.

The information contained in the Comprehensive Development Master Plan Amendments adopted February 4, 2015 and the Miami-Dade WASD 20-year Water Supply Facilities Work Plan (2014-2033) Support Data (November 2014), the *2013 Lower East Coast Water Supply Plan Update* (LEC) approved by the South Florida Water Management District (SFWMD) on October 10, 2013 and additional information found within Water Use Permit 13-00017-W were incorporated by reference in 2015. Miami Dade County's Water Use Permit Modification Application with the District (application #14-627-12) was approved by the District on February 9, 2015 and will expire on February 9, 2035. Currently, MDWASD is working on a permit modification to the existing Water Use Permit which will reflect 2015 TAZ Population updates and will include water demand projections through the year 2040.

The following Miami-Dade County CDMP Policy supports the coordination with the SFWMD LEC Update:

WS-6D. In the development of its future potable water supplies, Miami-Dade County shall, to the maximum extent feasible, utilize methods which preserve the integrity of the Biscayne Aquifer,

protect the quality of surface water and related ecosystems, consider and are compatible with the South Florida Water Management District's 2018 Lower East Coast Regional Water Supply Plan Update and the current Water Use Permit, and comply with the land use and environmental protection policies of the Miami-Dade County CDMP, the Strategic Regional Policy Plan for South Florida, and the State Comprehensive Plan.

The City is within the Alexander Orr, Jr. Subarea which comprises of a high pressure system with two major piping loops. This system delivers water to nearly all of Miami- Dade County south of approximately Flagler Street and, upon request, to the City of Homestead.

The City currently has infrastructure in place which provides an interconnection between the City's distribution system and Miami-Dade County WASD department. This interconnection allows for the City to use Miami-Dade County WASD source water to supplement its current restriction of 10.55 MGD. This interconnection is located at intersection of SW 137 Avenue and SW 288 Street.

3.6.1 Water Treatment Plants

The Alexander Orr, Jr. Water Treatment Plant is located at 6800 SW 87th Avenue, Miami, Florida and was originally constructed in 1954. There have been a number of expansions in the last 50 years. This facility has a maximum design capacity of 256.0 MGD with a rated capacity of 214.74 million gallons per day.

3.7 Conservation

Water conservation is the key to maintaining the health and productivity of the Surficial and Florida Aquifers. Promoting water conservation equipment, techniques, and practices will benefit customers economically and maintain a realistic water demand picture for utilities. Protection of the aquifer system and wellfields through conservation and reuse, recharge enhancement, limitations on withdrawal, regulation of land use, and maintenance of minimum flows and levels will ensure the availability of an adequate water supply for all competing demands, maintain and enhance the functions of natural systems and preserve water quality.

The 2018 LEC Water supply Plan Update analysis suggests that Miami-Dade County can save approximately 40 mgd (million gallons per day) by 2040 if certain urban and agricultural conservation options are utilized. To assist with meeting conservation goals the City will review programs and opportunities with the LEC Plan, review SFWMD's Comprehensive Water Conservation Program, conduct thorough analyses of the service area, consider using water conservation planning tools, allocate adequate funding for conservation assist individual users, and consider using conservation to avoid or delay the need for costlier water supply projects in the future.

The City of Homestead works in coordination with and supports MDWASD, SFWMD and state efforts aimed at promoting conservation through a variety of means including:

- The City shall assist the County in its proposed water conservation program through plumbing requirements, and with Florida Friendly Landscape materials, as described in Section 373.185, Florida Statutes, Florida Friendly plan materials in medians and parks.
- Prior to 2030, the City adopt an Ordinance implementing the Mandatory Year-Round Landscape Irrigation Conservation Measures, as detailed in Rule 40E-24 Florida Administrative Code.
- Water Use Efficiency requirements included in the Code of Miami-Dade County and adopted into the City of Homestead Building Code
- Limiting Irrigation Hours
- Florida-Friendly Landscape Ordinance
- Rain Sensor Ordinance
- Water Conservation Rate Structure
- Leak Detection and Repair Program
- Public education.
- Offering low-cost kits to its customers to reduce water use in their homes (Ultralow Volume Fixtures).

Additionally, on February 16, 2010 the City amended Chapter 28 to create Division 5 “Landscape Irrigation” which implements permanent water restrictions in furtherance of water conservation goals. On March 1, 2010 the created Division 4 “Water Conservation Programs” to implement a retrofit rebate program. The City also has implemented and enforces the SFWMD Modified Phase II Restrictions.

The City is permitted and capped on the amount of water that can be withdrawn from the aquifer by South Florida Water Management District. The City recharges the Aquifer via rapid infiltration trenches located at the wastewater treatment plant, The reclaimed water from the treatment plant is in compliance with primary and secondary drinking water standards and is used to recharge the aquifer.

Limitation of Lawn and Ornamental Irrigation Hours

The City follows Miami-Dade County Ordinance 91-18 which establishes an irrigation restriction prohibiting landscape irrigation between 9:00 a.m. and 5:00 p.m. Section 91-18 also specifies that SFWMD restrictions take precedence when more restrictive.

Use of Florida Friendly Principles

The City follows Miami-Dade County Ordinance 95-222 that promotes use of Xeriscape, a Florida Friendly landscape method that utilizes drought tolerant species, grouping of plant material by water requirements, use of low volume irrigation systems and restrictions on the amount of irrigated lawn areas. The City will adopt Florida Friendly Landscape Principles.

Requirement of Ultra-Low Volume Plumbing

The City follows Miami-Dade County Ordinance 91-15 that establishes water conservation standards for plumbing fixtures installed in new construction. The ordinance requires the use

of ultra-low volume water closets and showerheads.

Leak Detection Program

The City has an ongoing leak detection and repair program. All City Departments work in conjunction with each other in order to detect any indications of water leaks. Customer Service informs the Water Division of any complaints made by customers regarding sudden increases in water consumption for their property. The City's computer-based meter reading system will also generate a work order if an unusual high-water consumption reading is detected. Following an unusually high reading, a crew is dispatched to the problem area with leak detection equipment that includes FCS Digital Leak Noise Correlators and FCS Acoustic Leak Sounding Survey Tools.

A leak report is generated on a monthly basis summarizing the location, date of repair, and estimated gallons per minute loss from the distribution system.

Requirement of Rain-Sensor Over-Rides for New Lawn Sprinkler Systems

The City follows Miami-Dade County Ordinance 95-222 that requires the installation of a rain-sensor override on all new automatic lawn sprinkler systems. The rain-sensor switch turns off the irrigation system when more than 0.5 inches of rain is recorded.

Water Conservation Public Education Programs

The City's Customer Service Department includes periodic water conservation material with the monthly water bills and participates in homeowner's association meetings to discuss the importance of water conservation.

Conservation-Based Tiered Water Utility Rate Structure

This rate structure provides initiatives for water conservation by users by providing cost savings water rates for customers with lower usage. This was implemented in 2010 and continues to be enforced.

Reuse

The permit associated with the City's activated sludge process wastewater treatment plant (WWTP) was renewed in August 2010 (Permit # FLA013609). As stipulated within the renewal permit, the WWTP capacity has been temporarily reduced to 4.5 MGD AADF. This restriction was placed on the City in August 2010 with the issuance of the Renewal Permit and shall remain in effect until required upgrades are completed. Wastewater entering the facility flows through the following process units: screens, sequencing batch reactors (SBR), sand filters and high level disinfection. The WWTP effluent is then discharged into several rapid infiltration basins (RIBs) within the WWTP facility thus recharging the Biscayne Aquifer.

Based on the previously referenced permit, the existing reuse capacity of 6.0 MGD remains unchanged for this land application method of effluent disposal.

3.7.1 County-wide Efforts

Section 4.5 Water Conservation and Reuse of the Miami-Dade WASD 20-year Water Supply Facilities Work Plan (2014-2033) Support Data (November 2014) outlines additional MDWASD efforts (pages 4-6 and 7).

Miami-Dade Consolidated PWS Water Use Permit No. 13-00017-W Water Conservation Plan 2018 Annual Report Section I states BMPs implemented since the plan inception resulted in declining per capita water consumption. Because of public outreach efforts as of December 31, 2018, the County is currently experiencing actual finished water demands of 322.1 MGD which is approximately 14 MGD lower than 2006 actual finished water demands of 341.62 MGD (as of 12/31/2006, the year prior to implementation of the WUE Plan).

Presently, water utilities are saving substantial amounts of water through strategic water-efficiency programs and Best Management Practices (BMP) included in their Water Use Efficiency Plan. The savings from water conservation often translate into more potable water available for residential and non-residential use, capital and operating savings, which allow systems to defer or avoid significant expenditures for water supply facilities and wastewater facilities.

Miami Dade Water and Sewer (MDWASD), implement water conservation through the following Ordinances:

20-4.5 - Landscaping and tree protection requirements for all zoning districts.

(F) Landscape Plans Review Criteria.

In order to conserve water, reduce maintenance, and promote plant health, plant species shall be selected and installed based on their water needs, growth rate and size, and resource inputs. Plants with similar water needs shall be grouped in hydrozones. Adequate growth area based on natural mature shape and size shall be provided for all plant materials.

20-4.6 - Environmental review standards.

The following standards shall be utilized by the environmental review and preservation board in their review and evaluation of all site and landscape plans as required by this Code.

(A) Natural Environment.

(1) Proposed development shall be designed in such a manner so as to preserve and protect existing environmentally-sensitive lands and natural resources, such as and including soils, ground water, surface water, shorelines, vegetative communities, fisheries and wildlife habitats.

Water Conservation Miami-Dade County Code Requirements as follows: Sect. 8-31 - Plumbing fixtures Sect. 8A-381 Remetering Sect. 32-84 Water Use Eff. Manual Landscape Irrigation 18-A and 18-B of the Miami-Dade County Code.

Miami-Dade County has an extensive Water Conservation which the City is in full support of. The County offers rebates and free showerheads/aerators for residents, rebates for businesses for water efficient toilets as well as showerheads and aerators, rebates for hotels with the installation of high-efficiency toilets as well as other free fixtures, indoor conservation tips, and leak detection programs.

The City continues to remain in full support of the water conservation initiatives adopted by the SFWMD and Miami-Dade County.

While the City is not responsible for the Comprehensive Everglades Restoration Project, it is supportive of the regional water conservation efforts related to this regional rehydration of the Florida Everglades. The City is also supportive of mandating yard water restrictions that have been directed by the South Florida Regional Water Management District.

The City will continue to coordinate future water conservation efforts with MDWASD and SFWMD to ensure that proper techniques are applied. In addition, the City will continue to support and expand existing goals, objectives and policies in the Comprehensive Plan that promotes water conservation in a cost-effective and environmentally sensitive manner. The City will continue to actively support SFWMD and Miami-Dade County in the implementation of new regulations or programs that are designed to conserve water.

Reuse

For the past years, the State of Florida is leading the nation in water reuse. The water reuse effort in the state is primarily led by utilities, local governments, the water management districts and state agencies. The intent of their efforts is to implement water reuse programs that increase the volume of reclaimed water used and promotes public acceptance of reclaimed water. The City of Homestead is in full support of the water reuse initiatives under consideration by both the SFWMD and Miami-Dade County. The County has committed to implement a total of 170 mgd of water reuse as noted in the County's 20-year water use permit.

3.7.2 City Specific Actions, Programs, Regulations, or Opportunities

The City coordinates water conservation efforts with the WASD to ensure that proper techniques are applied. In addition, the City continues to support and expand existing goals, objectives and policies in the comprehensive plan and addition requirement to the City's Code that promote water conservation in a cost-effective and environmentally sensitive manner. The City will continue to actively support the SFWMD and MDWASD in the continued implementation of regulations or programs that are designed to conserve water during the dry season. In 2010, Chapter 28 was amended to create Division 5 "Landscape Irrigation" which implements permanent water restrictions in furtherance of water conservation goals and Division 4 "Water Conservation Programs" to implement a retrofit rebate program.

The City has no additional water conservation projects listed in the 5-year Schedule. The City will support the SFWMD and Miami-Dade County water reuse projects, and implementation of new regulations or programs designed to increase the volume of reclaimed water used and public acceptance of reclaimed water.

The City operates and maintains the WWTP, which has an FDEP permitted capacity of 6.00 MGD. Any excess wastewater flows are pumped to the MDWASD South District WWTP. All of its treated water is discharge to a series of rapid infiltration trenches that recharge the Biscayne Aquifer. The WWTP reused 100% of the wastewater.

The City provides the reclaimed water to the City-owned electric generating plant for cooling water purposes. The plant then discharges to rapid infiltration basins, recharging the Biscayne Aquifer.

Reuse/Recharge

The City of Homestead is limited by the South Florida Water Management District (SFWMD) as to how much water it may draw each day from the aquifer. The current allocation is a maximum of 10.55 MGD from the City's wellfields, as per Consent Agreement with SFWMD. The City enforces the Stormwater management retention standards of the SFWMD and Miami-Dade County for all private development and encourages the provision of open green space beyond the minimum requirement established in the Land Development Code (LDC). These measures minimize the reduction of recharge to the surficial aquifer and increase potential groundwater supplies. The City returns an average of 4.491 million gallons of treated high-quality effluent water to the aquifer daily. This reuse water is introduced as recharge to the Biscayne Aquifer by means of infiltration trenches. This water provides hydraulic barrier to help impede inland progression of saltwater intrusion. The treatment plant where the reuse water is introduced to the aquifer is geographically located near the Southeast of the City's water supply wells and the populated area served by the City. The City currently uses 100% of its wastewater treated effluent for this purpose.

3.7.3 Regional and County-wide Issues

State law supports reuse efforts. For the past number of years, Florida's utilities, local governments, and water management districts have led the nation in implementing water reuse programs that increase the quantity of reclaimed water used and public acceptance of reuse programs. Section 373.250(1) F.S. provides that "water reuse programs designed and operated in compliance with Florida's rules governing reuse are deemed protective of public health and environmental quality." In addition, Section 403.064(1), F.S., provides that "reuse is a critical component of meeting the state's existing and future water supply needs while sustaining natural systems."

The City of Homestead supports water reuse initiatives under consideration by both the SFWMD and Miami-Dade County. The County has committed to implement a total of 170.0 MGD of water reuse as noted in the County's 20-year water use permit. In the 20-year Work Plan, the County identified a number of water reuse projects and their respective schedules. According to the Plan, "reuse projects to recharge the aquifer with highly treated reclaimed water will be in place before additional withdrawals over the base condition water use are made from the Alexander Orr, Jr. and South Dade subarea wellfields.

4.0 INTERGOVERNMENTAL COORDINATION

Potable water supply needs in the City of Homestead is provided by Homestead Public Services but is also achieved in coordination with county and regional partners which include Miami-Dade County WASD and the South Florida Water Management District. The City provides potable water services to the majority of the residents and businesses within the City and to a small portion of unincorporated Miami-Dade County.

On July 9, 2010 the City entered into a 20-year water wholesale agreement with MDWASD to purchase up to 3 MGD of water to meet the demands of its retail customers. SFWMD acts to protect the region's water supply resources and coordinates the implementation of state water regulations and policies through local water planning efforts and water supply services.

In this update of the original Water Supply Plan, the City has reviewed its water supply related Objectives and Policies and updated them as necessary. Changes to the Objectives and Policies are outlined in Section 6.0. Policies are included which detail coordination efforts with both MDWASD and SFWMD.

The 2020 Work Plan Update was reviewed against the adopted Work Plan to see if goals, objectives and policies need to be updated or if new goals, objectives and policies were needed.

The City coordinates with MDSWD concerning water service to ensure water services are planned for, adequately available, and provided to the water customers of the City. The City currently has a wholesale agreement with WASD for 3 MGD which expires on 7/10/2030.

Additional Intergovernmental Coordination measures include:

- On-going coordination activities with MDWSD, who provides water to portions of the City and the City provides water to a portion of unincorporated Miami-Dade County.
- The City will work with MDWASD to assess the needs for additional coordination activities.
- Coordination with the LEC Plan Update.
- Annual meetings with WASD's Planning Division to enhance future coordination efforts between the City and WASD.

5.0 CAPITAL IMPROVEMENTS

The City has identified several projects that are to be implemented over the next several years to improve existing facilities and to replace aging or failed System components. The following Table reflects a list of projects, project costs and the fiscal year in which the cost is anticipated to be incurred. It should be noted that none of the proposed projects are required as the result of new capacity now or in the future due to growth of the customer base.

This section contains the City of Homestead 5-Year Schedule of Capital Improvements which are wastewater and potable water supply related.

Projected CIP For Water Supply Plan Update
Capital Improvement Projects Water Improvements
Fiscal Years 2020 -2025

Table 8

WATER PROJECTS	FISCAL YEAR					
	2020	2021	2022	2023	2024	To Be Programmed
Well # 7 Harris Field	300,000					
WW Treatment Facility Filters	3,000,000					
10 year old meter program	500,000	500,000	500,000	500,000	500,000	
Annual Water Main Upgrade	30,000	30,000	30,000	30,000	30,000	
Impellers Motors	36,300					
Wastewater Trench #4	390,000					
Replacement of Dewatering/Thicken Centrifuge	1,200,000					
.5 Million Gallon Above Ground Tank & 2 VFDs		757,500				
Concrete Enclosures		1,000,000				
Water Treatment Chlorination System		58,000				
1,000 Gallons Fuel Storage Tank for WWT Generator		14,000				
SBR Blower Silencer		18,000				
WWTF Effluent Trenches		500,000				
Emergency Generators		3,000,000				
Motor Sports Water Storage Tank			1,000,000			
Secure 3 Existing Water Tanks				1,200,000		
Wastewater Infiltration/Inflow Sewer Pump Station Upgrades					3,200,000	
					1,500,000	

Miami Dade County Capital Improvement Projects are attached.

6.0 GOALS, OBJECTIVES AND POLICIES

IV. INFRASTRUCTURE ELEMENT

IV. (D) POTABLE WATER SUB-ELEMENT

Objective 2: Meet Future Potable Water Needs

Continue to coordinate capacity expansions and system extensions of central water facilities to meet future needs according to the Future Land Use Element and Map, and Capital Improvements Element, as amended from time to time.

Measure: Establishment and implementation of potable water expansion needs consistent with the Five-Year Schedule of Capital Improvements, and the City's adopted ~~2015~~20 10-year Water Supply Facilities Work Plan Update.

Policy 2.1: ~~By 2017, implement selected Alternative 1 of the 10-Year Water Supply Facilities Work Plan (May 2011) to~~ ensure the projected water demands of the City are met through 2031.

Policy 2.2: Maintain a potable water level of service of ~~175 one hundred and seventy five~~ 168.58 one hundred sixty eight and fifty-eight hundredths gallons daily per capita within the City service area and ~~137.2~~ 139.14 gallons daily per capita within the portion of the City served by Miami-Dade County WASD.

Policy 2.3: Inspect the installation of new potable water lines by developers, contractors and other entities to ensure proper installation and workmanship.

Objective 5: Water Supply Planning

The City hereby adopts on ~~November 16, 2016~~ **INSERT DATE HERE** into its Comprehensive Plan by reference its ~~2015~~20 10-year Water Supply Facilities Work Plan Update, as required by section 163.3177(6)(c), F.S. within 18 months after the governing board of the South Florida Water Management District approves its Lower East Coast Water Supply Plan Update. The Work Plan will be updated, at a minimum, every 5 years. The City of Homestead ~~2015~~20 10-Year Water Supply Facilities Work Plan Update is designed to: assess current and projected potable water demands; evaluate the sources and capacities of available water supplies; and, identify those water supply projects, using all available technologies, necessary to meet the City's water demands for a 10-year period.

Measure: The Work Plan Update shall remain consistent with the County's 20-Year Supply Facilities Work Plan Update, which is compatible with the Miami Dade County Water Use Permit renewals and with projects as listed in the South Florida Water

Management District's ~~2013~~ 2018 Lower East Coast Regional Water Supply Plan Update. The Work Plan will be updated, at a minimum, every 5 years and within 18 months after the South Florida Water Management District's approval of an updated Lower East Coast Regional Water Supply Plan.

Policy 5.1: The City shall participate in the water supply planning process with the SFWMD, with the objective to assist in the development of a regional water supply plan that will reasonably ensure adequate quantity and quality of potable water resources needed to meet the future demands without creating water use conflicts or unacceptable impacts to natural resources.

Policy 5.2: Comply with the ~~2015~~ 2020 10-year Water Supply Facilities Work Plan Update adopted on ~~November 16, 2016~~ INSERT DATE HERE and incorporate such work plan update into the City's Comprehensive Plan by reference.

VI. CONSERVATION ELEMENT

Policy 2.7: The City shall assess projected water needs and sources in coordination with the ~~2013~~ 2018 Lower East Coast (LEC) Regional Water Supply Plan Update and the City's 10-Year Water Supply Facilities Work Plan Update to ensure adequate water supplies and facilities are available.

Policy 2.8: Implementation of the adopted ~~2015~~ 2020 10-year water supply facilities work plan update will ensure that adequate water supplies and public facilities are available to serve the water supply demands of the City's growing population.

IX. INTERGOVERNMENTAL COORDINATION ELEMENT

Policy 1.8: The City shall be consistent in addressing the coordination of the Comprehensive Plan with the State of Florida Strategic Plan, the South Florida Strategic Regional Policy Plan, the Miami-Dade County Comprehensive Development Master Plan, the City of Florida City Comprehensive Plan, and the ~~2013~~ 2018 Lower East Coast Regional Water Supply Plan Update.

Policy 1.13: The City shall coordinate the planning of potable water and sanitary sewer facilities and services and level-of-service standards within the Miami- Dade County Water and Sewer Department, Department of Regulatory and Economic Resources, the South Florida Water Management District, and the ~~2013~~ 2018 Lower East Coast Water Supply Plan Update.

Policy 1.15: The City will coordinate with the South Florida Water Management District concerning its jurisdictional authority as necessary and support its efforts concerning the ~~2013~~ 2018 Lower East Coast Water Supply Plan Update, ACCELER8 Everglades and CERP and the Biscayne Bay Coastal Wetlands Project to protect an

Outstanding Florida Water – Biscayne Bay. The City hereby adopts by reference the Miami-Dade County Comprehensive Development Master Plan Amendments adopted February 4, 2015, the Miami-Dade Water and Sewer Department 20-year Water Supply Facilities Work Plan (2014-2033) Support Data (November 2014), the ~~2013~~ Lower East Coast Water Supply Plan Update (LEC) approved by the South Florida Water Management District (SFWMD) on ~~October 10, 2013~~ November 8, 2018 and additional information found within the City of Homestead Water Use Permit 13-00046-W are herein incorporated by reference. The Water Use Permit which was modified and approved by the SFWMD on October 13, 2010, will expire on May 10, 2026.

Objective 4: Support climate change and sea level rise initiatives.

Measure: The City shall enact legislation supporting the efforts of the MDWASD and SFWMD to evaluate climate change and its impacts.

Policy 4.1: Support the Miami-Dade Water and Sewer Department and South Florida Water Management District in any efforts to evaluate the consequences of sea level rise, changing rainfall and storm patterns, temperature effects, and cumulative impacts to existing structures and existing legal uses.

Policy 4.2: Participate in the Southeast Florida Regional Climate Change Compact to support regional planning efforts and initiatives to adapt to rising sea level in the LEC Planning Area.

Policy 4.3: Work collaboratively with the Miami-Dade Water and Sewer Department, other utilities and South Florida Water Management District to identify the utility wellfields and other users at potential risk of saltwater intrusion within the LEC Planning Area.

X. CAPITAL IMPROVEMENTS ELEMENT

Policy 3.5: As indicated in the applicable Elements of this Comprehensive Plan, the City of Homestead has adopted the following minimum level-of-service (LOS) standards:

* * *

- *Potable Water:* ~~175~~ 168.58 gallons daily per capita within the City service area and ~~137.2~~ 139.14 gallons daily per capita within the portion of the City served by Miami-Dade County WASD.

* * *

FIGURES

Figure 1

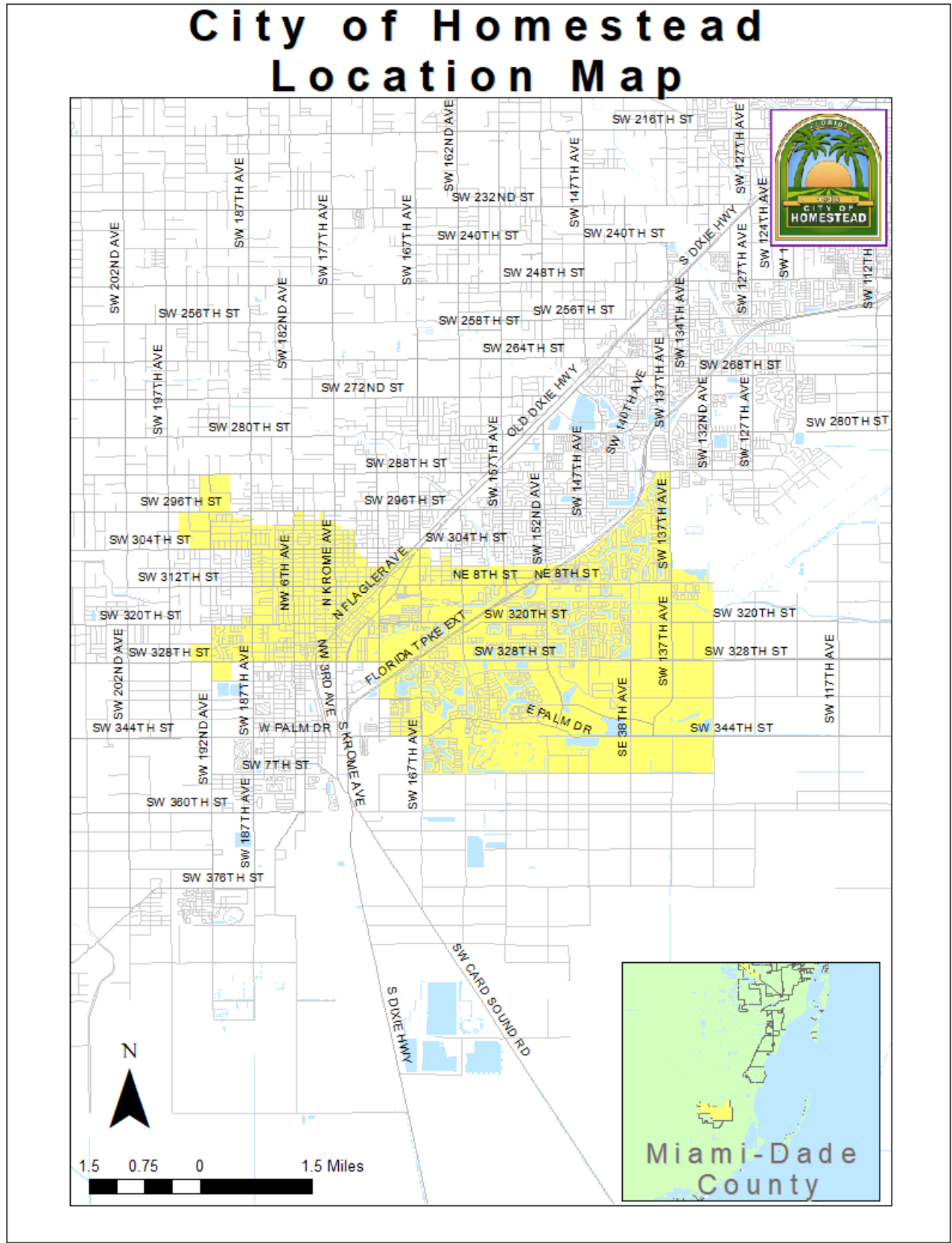


Figure 2

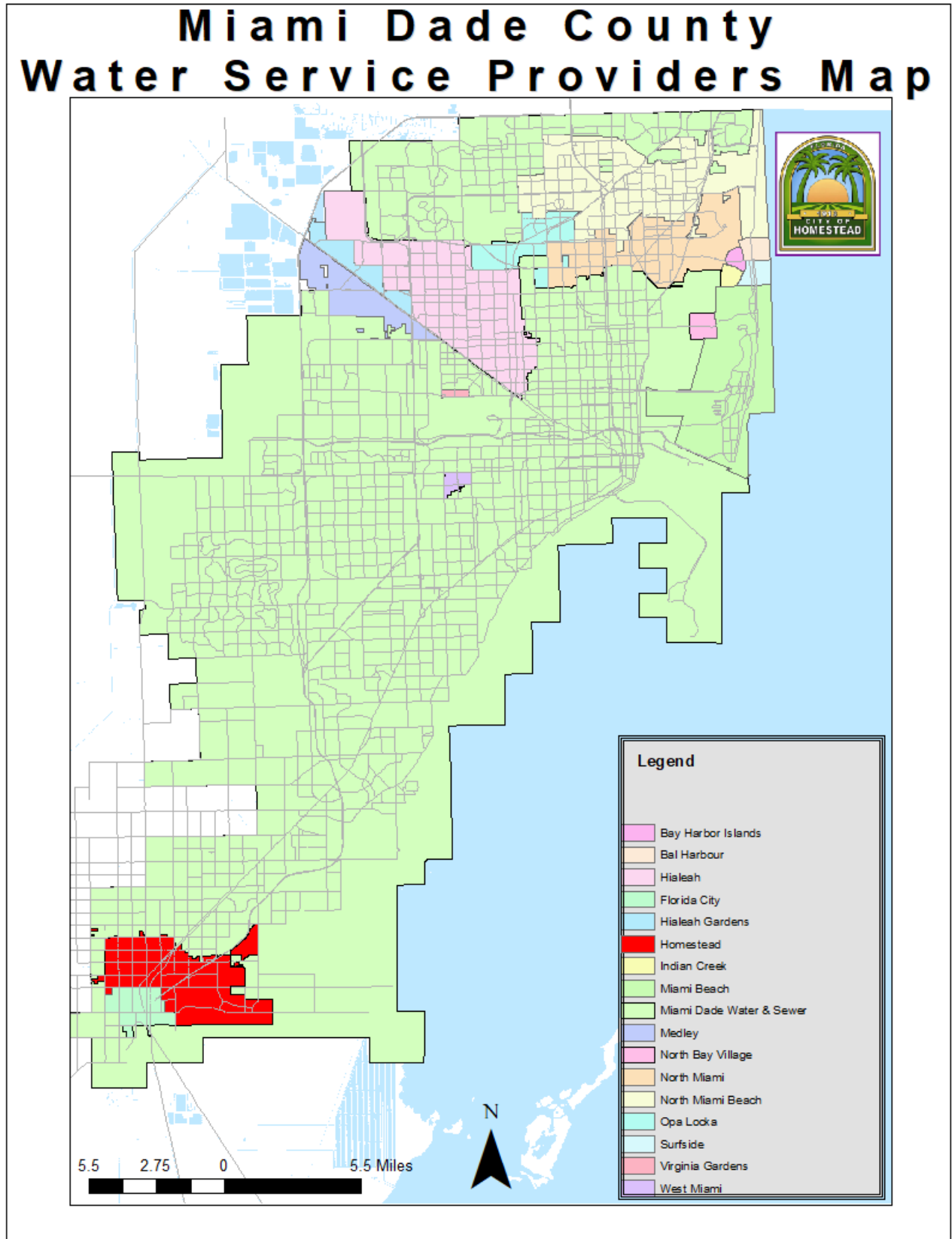
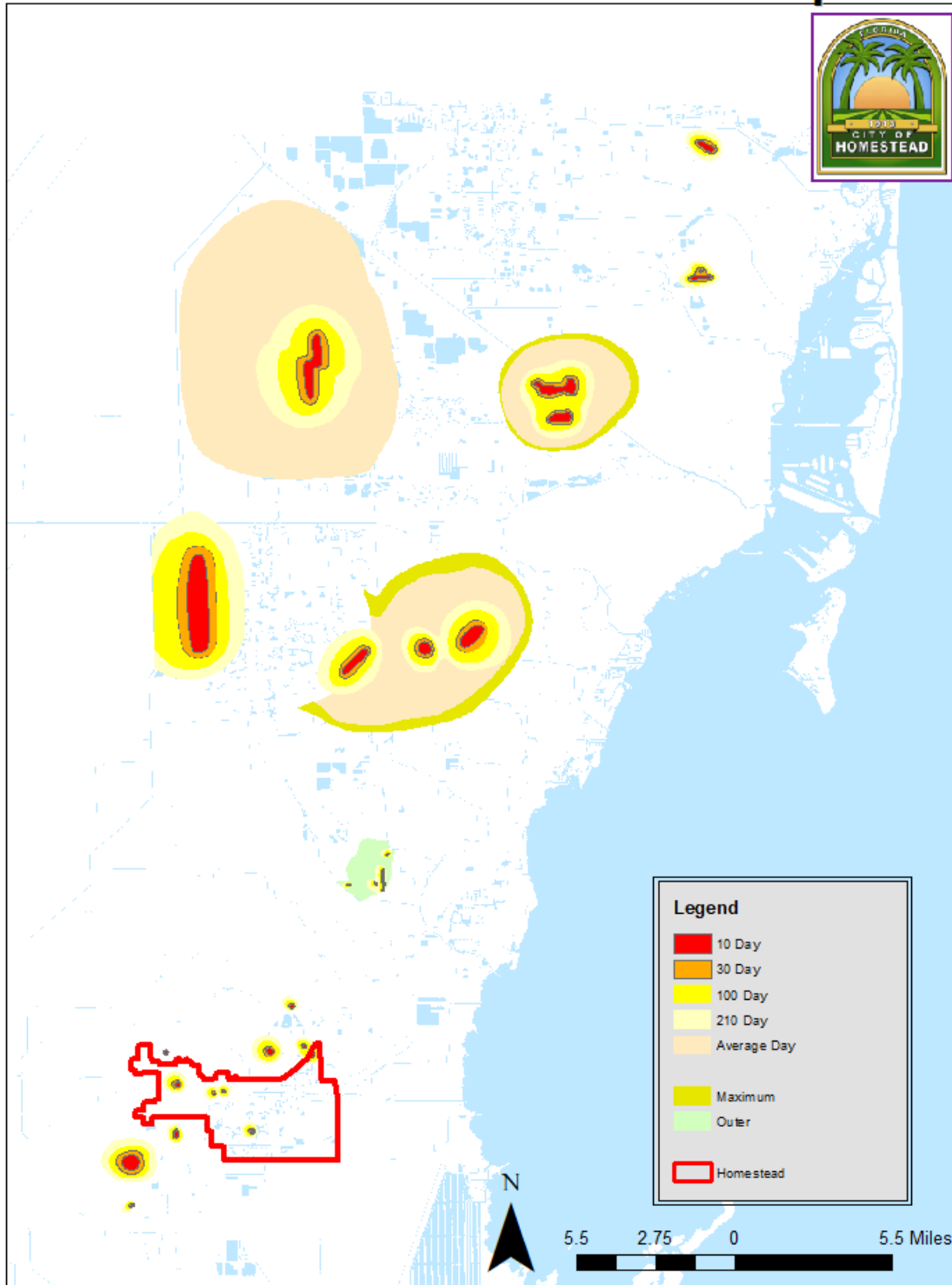


Figure 3

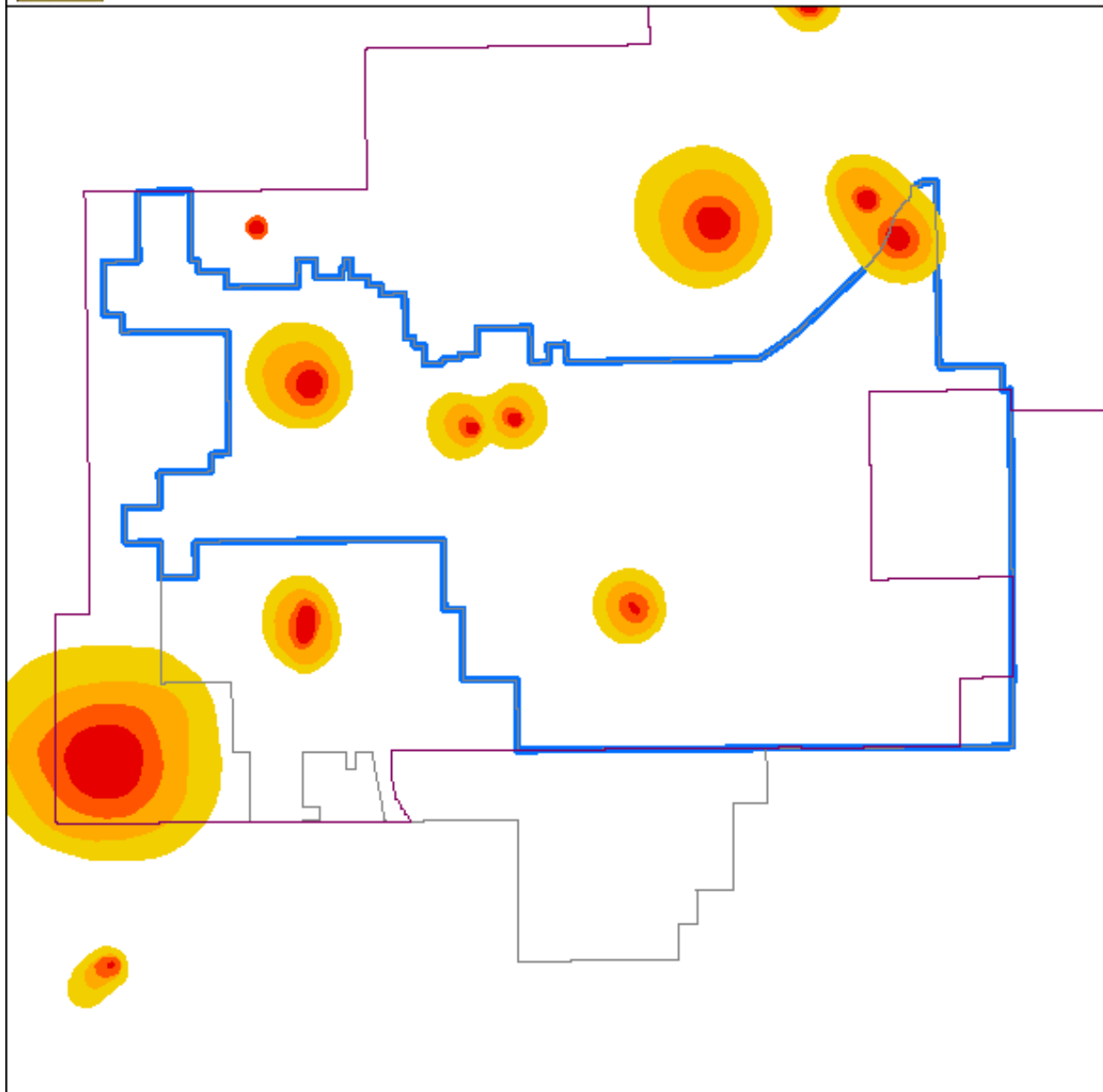
Miami Dade County Wellfield Protection Areas Map





City of Homestead Wellfield Protection Cones of Influence

Figure 4



Legend

- 10 Day
- 30 Day
- 100 Day
- 210 Day
- Average Day
- Maximum
- Outer
- Miami-Dade Municipalities
- Urban Development Boundary
- Homestead

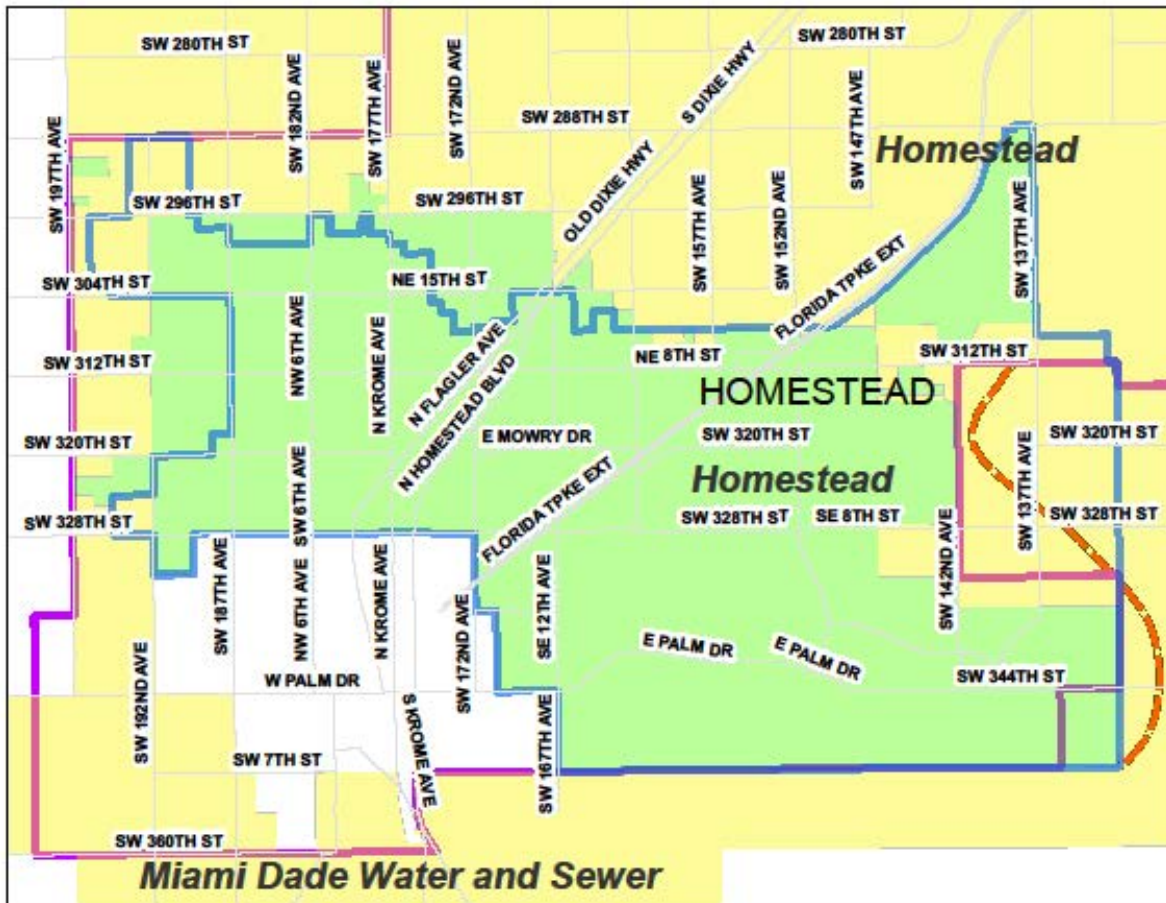
0 0.25 0.5 1 1.5 2 Miles

Prepared By: Date: 4/9/2015



Figure 4

City of Homestead Municipal Boundary and Homestead's and WASD's Water Service Area Boundary



Legend	
NAME	
	HOMESTEAD Municipal Boundary
	Water Service Area Boundary
UTILITYNAME	
	Homestead
	Miami Dade Water and Sewer
	2020 Urban Development Boundary
	2030 Urban Expansion Area



Prepared by Miami-Dade Water & Sewer Department May 1, 2020

Figure 5

APPENDIX

Alternative Water Supply Project Development

Project / Milestone	Average Finish Water daily flow	Milestone Completion Date
Hialeah Floridan Aquifer R.O. WTP, Phase 1-a, 10.0 mgd WTP and initial 6 Floridan aquifer supply wells. (7.5 mgd, limited by water supply)	(7.5 mgd)	
• Notice To Proceed Design / Permit		Completed
• Notice To Proceed Construction		Completed
• Turnover / Project Completion		Completed
Hialeah Floridan Aquifer R.O. WTP, Phase 1-b, additional 4 Floridan aquifer supply wells. (10.0 mgd, maximum treatment capacity)	(2.5 mgd)	
• Notice To Proceed Design / Permit		Completed
• Notice To Proceed Construction		Completed
• <i>Turnover / Project Completion</i>		<i>12/31/2020</i>
South Miami Heights WTP (R.O. portion) Phase 1	(12.45 mgd)	
• Notice To Proceed Design / Permit		Completed
• <i>Notice To Proceed Construction</i>		<i>12/31/2021</i>
• <i>Turnover / Project Completion</i>		<i>12/31/2025</i>
South Miami Heights WTP (R.O. addition) Phase 2	(5.0 mgd)	
• Notice To Proceed Design / Permit		Completed
• Notice To Proceed Construction		12/31/2028
• Turnover / Project Completion		12/31/2031

EXHIBIT 13

Revised: December 2019



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
WATER USE INDIVIDUAL PERMIT**

APPLICATION NO: 140627-12 **PERMIT NUMBER:** 13-00017-W
DATE ISSUED: February 9, 2015 **EXPIRATION DATE:** February 9, 2035

PERMITTEE: MIAMI-DADE WATER AND SEWER
DEPARTMENT
P O BOX 330316
MIAMI, FL 33233 0316

PROJECT NAME: MIAMI-DADE CONSOLIDATED PWS

PROJECT LOCATION: Miami-Dade County, SEE ATTACHED FOR SECTIONS, TOWNSHIPS
AND RANGES

PROJECT DESCRIPTION/AUTHORIZING:

The continued use of groundwater from the Upper Floridan aquifer and Biscayne aquifer for Public water supply for the MDWASD Service Area serving 2,642,929 persons in the year 2033 with an average finished water per capita use rate of 137.2 gallons per day per person and a maximum monthly to average monthly pumping ration of 1.05:1 with an annual allocation of 140,915.50 million gallons.


This is to notify you of South Florida Water Management District's (District) agency action concerning Permit Application Number 140627-12, received June 27, 2014. This action is taken pursuant to Chapter 373, Part II, Florida Statutes (F.S.), Rule 40E-1.603 and Chapter 40E-2, Florida Administrative Code (F.A.C). Based on the information provided, District rules have been adhered to and a Water Use Individual Permit is in effect for this project subject to:

1. Not receiving a filed request for an administrative hearing pursuant to Section 120.57 and Section 120.569 (F.S.), or request a judicial review pursuant Section 120.68, F.S.; and
2. The attached 57 permit conditions.
3. The attached 37 exhibits.

By acceptance and utilization of the water authorized under this permit, the Permittee agrees to hold and save the District and its successors harmless from any and all damages, claims or liabilities that may arise by reason of the construction, maintenance or use of activities authorized by this permit. Should you object to the permit, please refer to the attached "Notice of Rights" that addresses the procedures to be followed if you desire a public hearing or other review of the proposed agency action. Should you wish to object to the proposed agency action or file a petition or request, please provide written objections, petitions, requests and/or waivers to the District, attention of Office of the District Clerk, South Florida Water Management District, Post Office Box 24680, West Palm Beach, FL 33416-4680.

CERTIFICATION OF SERVICE

I HEREBY CERTIFY THAT this written notice has been mailed or electronically transmitted to the Permittee (and the persons listed in the attached distribution list) this 10th day of February, 2015, in accordance with Section 120.60(3), F.S. Notice was also electronically posted on this date through a link on the home page of the District's website (my.sfwmd.gov/ePermitting).

BY: 
JUANITA BOZEMAN
DEPUTY CLERK, SOUTH FLORIDA WATER MANAGEMENT DISTRICT

**WATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												Total		
					2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1050	101711 HALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	14,834,138	555,890	14,278,248	720,122	4,633,185	7,500,000	1,424,941	0	0	0	0	0	0	0	0	0	0	14,278,248
	102104 FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HALEAH WTP	3,000,000	0	3,000,000	1,822,060	1,177,940	0	0	0	0	0	0	0	0	0	0	0	0	3,000,000
	102106 HYPOCHLORITE FEED/STORAGE AT PRESTON/HALEAH WTP	5,886,305	549,044	5,337,261	251,700	3,566,810	1,518,751	0	0	0	0	0	0	0	0	0	0	0	5,337,261
	102110 HALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS	3,200,000	0	3,200,000	360,156	2,839,844	0	0	0	0	0	0	0	0	0	0	0	0	3,200,000
	102127 REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	4,967,243	802,764	4,164,479	2,868,923	1,295,556	0	0	0	0	0	0	0	0	0	0	0	0	4,164,479
	102134 PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	7,604,457	102,657	7,501,800	4,256,798	3,245,002	0	0	0	0	0	0	0	0	0	0	0	0	7,501,800
	102170 HALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER	2,000,000	0	2,000,000	500,000	1,500,000	0	0	0	0	0	0	0	0	0	0	0	0	2,000,000
	102171 HALEAH/PRESTON WTP TRANSFORMER	1,500,000	0	1,500,000	0	0	0	489,208	1,010,792	0	0	0	0	0	0	0	0	0	1,500,000
	102173 PRESTON WTP HS PUMP ROOM SWITCHGEAR	3,500,000	0	3,500,000	400,000	3,100,000	0	0	0	0	0	0	0	0	0	0	0	0	3,500,000
	TOTAL - 1050	46,492,143	2,010,355	44,481,788	11,179,759	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	0	0	0	0	0	0	44,481,788
1051	101577 ORR WTP - 48" FINISHED WATER LINE (AREA M)	64,218,739	247,935	63,970,804	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047	0	0	0	0	0	0	0	63,970,804



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
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Proj Sub-Proj Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												Total				
				2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future						
1051 101579 ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	11,088,933	601,657	10,487,276	1,516,621	4,052,703	2,458,976	2,458,976	0	0	0	0	0	0	0	0	0	0	0	10,487,276	
101694 ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	14,107,579	7,092,662	7,014,917	5,706,795	655,003	653,119	0	0	0	0	0	0	0	0	0	0	0	0	0	7,014,917
101882 4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	3,893,745	233,719	3,660,026	268,531	236,208	73,975	74,047	3,007,266	0	0	0	0	0	0	0	0	0	0	0	3,660,027
101883 ALEXANDER ORR, JR. LIME PLANT REHABILITATION	846,054	200,436	645,618	322,809	322,809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	645,618
101945 HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	7,000,000	0	7,000,000	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	7,000,000
101946 HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	1,500,000	584,413	915,587	876,891	38,696	0	0	0	0	0	0	0	0	0	0	0	0	0	0	915,587
102107 HYPOCHLORITE FEED/STORAGE AT ORR WTP	5,949,800	127,655	5,822,145	2,500,000	3,322,145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,822,145
102167 A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	8,400,000	330,132	8,069,868	2,026,618	3,789,437	2,253,813	0	0	0	0	0	0	0	0	0	0	0	0	0	8,069,868
102169 A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1-8 AND 11-14	700,000	0	700,000	343,915	356,085	0	0	0	0	0	0	0	0	0	0	0	0	0	0	700,000
102175 ALEXANDER ORR WATER TESTING LABORATORY	10,858,454	86,863	10,771,591	701,282	2,489,260	4,452,992	3,128,057	0	0	0	0	0	0	0	0	0	0	0	0	10,771,591
TOTAL - 1051	128,563,304	9,505,471	119,057,833	15,063,462	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	0	0	0	0	0	0	0	0	119,057,833



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	14,803,364	6,670,647	8,132,717	3,413,049	2,719,668	2,000,000	0	0	0	0	0	0	0	0	0	0	8,132,717
	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	1,006,056	59,931	946,125	0	0	0	0	0	0	8,138	551,494	386,493	0	0	0	0	946,125
	102197	PORT OF MIAMI WATER SUPPLY LINE	36,811,660	11,599,868	25,211,792	8,491,597	9,220,000	7,500,195	0	0	0	0	0	0	0	0	0	0	25,211,792
	102227	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	42,599,093	301,488	42,297,605	1,167,050	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	0	0	0	0	0	42,297,605
103004		REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2,843,528	0	2,843,528	480,000	1,000,000	1,000,000	363,528	0	0	0	0	0	0	0	0	0	2,843,528
		TOTAL - 1053	98,063,701	18,631,933	79,431,768	13,551,696	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	0	0	0	0	0	79,431,767
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	0	10,445,143
		TOTAL - 1054	10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	0	10,445,143
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	0	5,163,420
		TOTAL - 1055	5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	0	5,163,420
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS - LOCKER ROOMS	4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	0	4,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Proj Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS													Total		
					2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future					
1059	TOTAL - 1056	4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	0	0	0	0	4,000,000
101084	MIAMI SERVICE FACILITY - (PHASE 1)	1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,064,685
101505	SOUTH MAINTENANCE CENTER	23,721,660	394,173	23,327,487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,327,487
101507	NORTH MAINTENANCE CENTER	10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,116,520
101547	MIAMI SERVICE FACILITY (PHASE 2)	12,210,998	0	12,210,998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,210,998
101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300,000
	TOTAL - 1059	48,413,863	394,173	48,019,690	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48,019,690
1060	100786 WATER DISTRIBUTION SYSTEM EXTENSION	14,350,386	3,313,507	11,036,879	7,605,520	3,131,359	300,000	0	0	0	0	0	0	0	0	0	0	0	0	11,036,879
	101734 WATER DISTRIBUTION SYSTEM EXTENSION FOR JPA'S	85,294,907	46,767,738	38,527,169	10,000,000	7,535,303	3,159,944	6,035,279	6,296,644	2,000,000	2,000,000	2,000,000	1,500,000	0	0	0	0	0	0	38,527,170
	102111 12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	4,862,026	0	4,862,026	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	0	0	0	0	0	4,862,026
	102140 FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST - TO SW 152 ST. (AREA N)	47,269,505	6,303,440	40,966,065	3,746,554	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	0	0	0	0	0	0	0	40,966,065



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												Total	
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1060	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	6,477,855	0	6,477,855	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	0	0	0	0	6,477,855
		TOTAL - 1060	158,254,679	56,384,685	101,869,994	23,481,612	21,086,426	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	0	0	0	0	0	101,869,995
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	24,732,472
		TOTAL - 1063	26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	24,732,472
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,661,492
		TOTAL - 1064	20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,661,492
	101724	HEAVY CONSTRUCTION EQUIPMENT	36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	27,166,262
	101725	VEHICLES/TRANSPORTATION EQUIPMENT	26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	20,422,460
	102027	AUTOMATED METER READING (AMR)	120,288,814	288,814	120,000,000	0	1,500,000	2,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	120,000,000
		TOTAL - 1064	204,250,262	22,000,448	182,250,214	5,451,076	10,299,138	10,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	11,500,000	182,250,214
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	0	6,894,500	0	0	0	0	0	0	7,239,000
	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	0	0	2,708,000
		TOTAL - 1065	23,845,500	13,898,500	9,947,000	347,600	1,265,200	775,700	403,200	260,800	0	6,894,500	0	0	0	0	0	0	9,947,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												Total		
				2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1066 100792 WATER PLANTS REHABILITATION	41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	0	0	0	0	37,936,918
101714 SECURITY PROJECTS	11,230,249	3,395,228	7,835,021	5,060,604	0	0	229,313	1,000,000	1,000,000	1,000,000	545,104	0	0	0	0	0	0	7,835,021
TOTAL - 1066	52,610,438	6,838,499	45,771,939	16,066,779	17,930,743	1,500,000	1,729,313	2,500,000	2,500,000	2,500,000	2,045,104	1,500,000	0	0	0	0	0	45,771,939
1067 100793 WATER SYSTEM UPGRADES	142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	0	129,625,025
TOTAL - 1067	142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	0	0	0	0	129,625,025
1070 101470 WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	0	0	1,877,840
TOTAL - 1070	2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	0	0	1,877,840
1075 101891 NEW NWWF HIGH SERVICE PUMP STATION	43,250,000	0	43,250,000	0	0	0	0	0	0	0	0	0	20,000,000	23,250,000	0	0	0	43,250,000
102135 MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	31,874,878	3,346,612	28,528,266	1,246,366	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	0	0	0	0	0	0	28,528,265
102176 MONITORING WELL INSTALLATION	750,000	0	750,000	500,000	250,000	0	0	0	0	0	0	0	0	0	0	0	0	750,000
TOTAL - 1075	75,874,878	3,346,612	72,528,266	1,746,366	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	1,000,000	1,000,000	20,000,000	23,250,000	0	0	0	72,528,265
1077 102021 SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	1,000,000	10,300,000	0	0	0	0	0	0	20,321,931



**MIAMI-DADE WATER AND SEWER DEPARTMENT
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Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total								
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future									
1078	101368	TELEMETERING SYSTEM - WATER	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0	0	6,795,577	
		TOTAL - 1077	41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0	0	20,321,931	
		TOTAL - 1078	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	0	0	0	6,795,577	
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	6,867,097	5,678,655	1,188,442	1,188,442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,188,442
102182		CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	4,000,000	0	4,000,000	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000,000
		TOTAL - 1080	10,867,097	5,678,655	5,188,442	2,188,442	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,188,442
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000,445
		TOTAL - 1081	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000,445
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	98,730,190	26,743,242	71,986,948	9,359,566	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,627,382	8,000,000	0	0	0	0	0	0	0	0	0	71,986,948
102178		36-INCH WATER MAIN NW 106 STREET	8,085,622	459,774	7,625,848	419,395	5,437,560	1,768,893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,625,848
102179		36-INCH WATER MAIN NW 135 STREET	15,486,254	775,687	14,710,567	612,380	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,710,567



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS												Total	
					2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
	TOTAL - 1082	122,302,066	27,978,702	94,323,364	10,391,341	17,927,526	15,277,114	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	0	0	0	0	0	94,323,363
1084	101678 SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	51,415,387	13,867,844	37,547,543	6,999,655	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	0	0	0	0	37,547,543
	102136 REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	14,011,275	12,397,405	1,613,870	1,613,870	0	0	0	0	0	0	0	0	0	0	0	0	1,613,870
	102137 SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	31,075,601	13,227,869	17,847,732	1,449,400	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	0	0	0	0	17,847,732
	102139 INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE 1 IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	5,265,239	0	5,265,239	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	0	0	0	0	5,265,239
	102141 REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	15,955,062	9,993,974	5,961,088	5,961,088	0	0	0	0	0	0	0	0	0	0	0	0	5,961,088
	102142 SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	37,899,268	5,499,269	32,399,999	2,065,625	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	0	0	0	0	0	32,399,999
	102143 REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	12,734,026	340,509	12,393,517	793,207	1,670,855	2,429,455	7,500,000	0	0	0	0	0	0	0	0	0	12,393,517
	102144 WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	4,000,000	0	4,000,000	0	0	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	4,000,000
	102193 WATER MASTER PLAN	3,000,000	387,796	2,612,204	187,204	2,000,000	425,000	0	0	0	0	0	0	0	0	0	0	2,612,204



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Description	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
						2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147th AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2,959,573	0	2,959,573	2,413,781	545,792	0	0	0	0	0	0	0	0	0	0	2,959,573
	102243	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	96,115,935	218,403	95,897,532	2,188,730	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	13,500,000	9,600,769	0	0	0	95,897,532
	102244	LEAK DETECTION PROGRAM	35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	0	0	0	35,000,000
		TOTAL - 1084	309,431,366	55,933,070	253,498,296	24,926,791	35,355,310	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	19,500,000	10,600,769	0	0	0	253,498,297
		TOTAL - Water	1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	0	1,269,330,446

**WATER
EXPENDITURE PROJECTIONS
PROJECT/SUB-PROJECT
WITH FUNDS**



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total				
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028							
1050	101711	HIALEAH/PRESTON WTP - DESIGN AND ENGINEERING ON REDUNDANT 72-INCH WATER MAIN	2019W	F	4,633,185	0	4,633,185	0	4,633,185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,633,185
			2020W	F	7,500,000	0	7,500,000	0	0	7,500,000	0	0	0	0	0	0	0	0	0	0	0	0	0	7,500,000
			2021W	F	1,424,941	0	1,424,941	0	0	0	1,424,941	0	0	0	0	0	0	0	0	0	0	0	0	1,424,941
			EW258	A	142,832	142,832	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,133,180	413,058	720,122	720,122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	720,122
		TOTAL - 101711			14,834,138	555,890	14,278,248	720,122	4,633,185	7,500,000	1,424,941	0	0	0	0	0	0	0	0	0	0	0	0	14,278,248
1050	102104	FILTER BACKWASH ELEVATED TANK REPLACEMENT SYSTEM FOR HIALEAH WTP	2019W	F	1,177,940	0	1,177,940	0	1,177,940	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,177,940
		TOTAL - 102104			1,822,060	0	1,822,060	1,822,060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,822,060
1050	102106	HYPOCHLORITE FEED/STORAGE AT PRESTON/HIALEAH WTP	2019W	F	3,566,810	0	3,566,810	0	3,566,810	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,566,810
		TOTAL - 102106			5,886,305	549,044	5,337,261	251,700	3,566,810	1,518,751	0	0	0	0	0	0	0	0	0	0	0	0	0	5,337,261
1050	102110	HIALEAH/PRESTON REPLACEMENT OF UNDERDRAIN FILTERS	2019W	F	2,839,844	0	2,839,844	0	2,839,844	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,839,844
		TOTAL - 102110			3,200,000	0	3,200,000	360,156	2,839,844	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,200,000



MIAMI-DADE WATER AND SEWER DEPARTMENT ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN

Projection by Project Sub-project by Year - Water As of: 9/30/2018

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future			
1050	102127	REPLACEMENT/UPGRADE OF LIME FEED SYSTEM	2019W	F	1,295,556	0	1,295,556	0	0	0	0	0	0	0	0	0	0	0	0	0	1,295,556
			EW260	A	3,671,687	802,764	2,868,923	2,868,923	0	0	0	0	0	0	0	0	0	0	0	0	2,868,923
		TOTAL - 102127			4,967,243	802,764	4,164,479	2,868,923	1,295,556	0	0	0	0	0	0	0	0	0	0	0	4,164,479
1050	102134	PURCHASE OF LAKE PROPERTY ADJACENT TO NORTHWEST WELLFIELD	2019W	F	3,245,002	0	3,245,002	0	3,245,002	0	0	0	0	0	0	0	0	0	0	0	3,245,002
			EW260	A	4,359,455	102,657	4,256,798	4,256,798	0	0	0	0	0	0	0	0	0	0	0	0	4,256,798
		TOTAL - 102134			7,604,457	102,657	7,501,800	4,256,798	3,245,002	0	0	0	0	0	0	0	0	0	0	0	7,501,800
1050	102170	HALEAH/PRESTON WTP FEEDER/MOTOR EAST & WEST CONTROL CENTER	2019W	F	1,500,000	0	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	0	1,500,000
			EW260	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 102170			2,000,000	0	2,000,000	500,000	1,500,000	0	0	0	0	0	0	0	0	0	0	0	2,000,000
1050	102171	HALEAH/PRESTON WTP TRANSFORMER	2021W	F	489,208	0	489,208	0	0	0	489,208	0	0	0	0	0	0	0	0	0	489,208
			2022W	F	1,010,792	0	1,010,792	0	0	0	0	1,010,792	0	0	0	0	0	0	0	0	1,010,792
		TOTAL - 102171			1,500,000	0	1,500,000	0	0	0	489,208	1,010,792	0	0	0	0	0	0	0	0	1,500,000
1050	102173	PRESTON WTP HS PUMP ROOM SWITCHGEAR	2019W	F	3,100,000	0	3,100,000	0	3,100,000	0	0	0	0	0	0	0	0	0	0	0	3,100,000
			EW260	A	400,000	0	400,000	400,000	0	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 102173			3,500,000	0	3,500,000	400,000	3,100,000	0	0	0	0	0	0	0	0	0	0	0	3,500,000
		TOTAL - 1050			46,492,143	2,010,355	44,481,788	11,179,759	21,358,337	9,018,751	1,914,149	1,010,792	0	0	0	0	0	0	0	0	44,481,788
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2020W	F	2,521,160	0	2,521,160	0	0	2,521,160	0	0	0	0	0	0	0	0	0	0	2,521,160
			2021W	F	2,790,046	0	2,790,046	0	0	0	2,790,046	0	0	0	0	0	0	0	0	0	2,790,046



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future						
1051	101577	ORR WTP - 48" FINISHED WATER LINE (AREA M)	2022W	F	10,818,804	0	10,818,804	0	0	0	0	0	10,818,804	0	0	0	0	0	0	0	0	0	0	10,818,804
		2023W	F	24,902,747	0	24,902,747	0	0	0	0	0	24,902,747	0	0	0	0	0	0	0	0	0	0	0	24,902,747
		2024W	F	22,938,047	0	22,938,047	0	0	0	0	0	0	22,938,047	0	0	0	0	0	0	0	0	0	0	22,938,047
		EW260	A	247,935	247,935	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 101577			64,218,739	247,935	63,970,804	0	0	2,521,160	2,790,046	10,818,804	24,902,747	22,938,047	0	0	0	0	0	0	0	0	0	63,970,804
1051	101579	ORR WTP - PUMPING UNIT No. 6 HIGH SERVICE PUMP - EAST PUMP ROOM	2019W	F	4,052,703	0	4,052,703	0	4,052,703	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,052,703
		2020W	F	2,458,976	0	2,458,976	0	0	2,458,976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,458,976
		2021W	F	2,458,976	0	2,458,976	0	0	2,458,976	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,458,976
		EW221	A	1,342,646	592,646	750,000	750,000	750,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	750,000
		EW260	A	775,632	9,011	766,621	766,621	766,621	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	766,621
		TOTAL - 101579			11,088,933	601,657	10,487,276	1,516,621	4,052,703	2,458,976	2,458,976	0	0	0	0	0	0	0	0	0	0	0	0	10,487,276
1051	101694	ORR WTP - SWITCHGEAR BUILDING AND DUCT BANK W830 PHASE 1 AND PHASE 2	2019W	F	655,003	0	655,003	0	655,003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	655,003
		2020W	F	653,119	0	653,119	0	0	653,119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	653,119
		EW221	A	6,557,502	6,542,585	14,917	14,917	14,917	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14,917
		EW260	A	6,241,955	550,077	5,691,878	5,691,878	5,691,878	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,691,878
		TOTAL - 101694			14,107,579	7,092,662	7,014,917	5,706,795	655,003	653,119	0	0	0	0	0	0	0	0	0	0	0	0	0	7,014,917
1051	101882	4 LINE SLAKERS FOR ALEXANDER ORR, JR. WTP	2019W	F	236,208	0	236,208	0	236,208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	236,208
		2020W	F	73,975	0	73,975	0	0	73,975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73,975
		2021W	F	74,047	0	74,047	0	0	74,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74,047



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028					
1051	101882	4 LIME SLAKERS FOR ALEXANDER ORR, JR. WTP	2022W	F	3,007,266	0	3,007,266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,007,266
			EW258	A	24,812	24,812	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	477,437	208,906	268,531	268,531	0	0	0	0	0	0	0	0	0	0	0	0	0	268,531
		TOTAL - 101882			3,893,745	233,719	3,660,026	268,531	236,208	73,975	74,047	3,007,266	0	0	0	0	0	0	0	0	0	3,660,027
1051	101883	ALEXANDER ORR, JR. LIME PLANT REHABILITATION	2019W	F	322,809	0	322,809	0	322,809	0	0	0	0	0	0	0	0	0	0	0	0	322,809
			EW258	A	106,224	106,224	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	417,021	94,212	322,809	322,809	0	0	0	0	0	0	0	0	0	0	0	0	0	322,809
		TOTAL - 101883			846,054	200,436	645,618	322,809	322,809	0	0	0	0	0	0	0	0	0	0	0	0	645,618
1051	101945	HIGH SERVICE PUMP AND MOTOR IMPROVEMENTS WEST ROOM - VFD	2019W	F	200,000	0	200,000	0	200,000	0	0	0	0	0	0	0	0	0	0	0	0	200,000
			2020W	F	1,450,000	0	1,450,000	0	0	1,450,000	0	0	0	0	0	0	0	0	0	0	0	1,450,000
			2021W	F	3,550,000	0	3,550,000	0	0	3,550,000	0	0	0	0	0	0	0	0	0	0	0	3,550,000
			2022W	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	1,000,000
			EW260	A	800,000	0	800,000	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000
		TOTAL - 101945			7,000,000	0	7,000,000	800,000	200,000	1,450,000	3,550,000	1,000,000	0	0	0	0	0	0	0	0	0	7,000,000
1051	101946	HYDROTREATOR DRIVES ASSEMBLES AND MOTORS	2019W	F	38,696	0	38,696	0	38,696	0	0	0	0	0	0	0	0	0	0	0	0	38,696
			EW260	A	1,461,304	584,413	876,891	876,891	0	0	0	0	0	0	0	0	0	0	0	0	0	876,891
		TOTAL - 101946			1,500,000	584,413	915,587	876,891	38,696	0	0	0	0	0	0	0	0	0	0	0	0	915,587
1051	102107	HYPOCHLORITE FEED/STORAGE AT ORR WTP	2019W	F	3,322,145	0	3,322,145	0	3,322,145	0	0	0	0	0	0	0	0	0	0	0	0	3,322,145
			EW258	A	127,368	127,368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1051	102107	HYPPOCHLORITE FEED/STORAGE AT ORR WTP	EW260	A	2,500,287	287	2,500,000	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	2,500,000	
		TOTAL - 102107			5,949,800	127,655	5,822,145	2,500,000	3,322,145	0	0	0	0	0	0	0	0	0	0	0	5,822,145	
1051	102167	A. ORR WTP LIME KILN SWITCH GEAR BUILDING AND FEEDERS	2019W	F	3,789,437	0	3,789,437	0	3,789,437	0	0	0	0	0	0	0	0	0	0	0	0	3,789,437
		TOTAL - 102167			2,253,813	0	2,253,813	0	0	2,253,813	0	0	0	0	0	0	0	0	0	0	0	2,253,813
		TOTAL - 102169			2,356,750	330,132	2,026,618	2,026,618	0	0	0	0	0	0	0	0	0	0	0	0	0	2,026,618
1051	102169	A. ORR WTP PUMP ROOM FOR SOFTENER CLUSTERS 1- 8 AND 11-14	2019W	F	356,085	0	356,085	0	356,085	0	0	0	0	0	0	0	0	0	0	0	0	356,085
		TOTAL - 102167			8,400,000	330,132	8,069,868	2,026,618	3,789,437	2,253,813	0	0	0	0	0	0	0	0	0	0	0	8,069,868
		TOTAL - 102169			343,915	0	343,915	343,915	0	0	0	0	0	0	0	0	0	0	0	0	0	343,915
		TOTAL - 102175			700,000	0	700,000	343,915	356,085	0	0	0	0	0	0	0	0	0	0	0	0	700,000
1051	102175	ALEXANDER ORR WATER TESTING LABORATORY	2019W	F	2,489,260	0	2,489,260	0	2,489,260	0	0	0	0	0	0	0	0	0	0	0	0	2,489,260
		TOTAL - 102175			4,452,992	0	4,452,992	0	0	4,452,992	0	0	0	0	0	0	0	0	0	0	0	4,452,992
		TOTAL - 1051			128,563,304	9,505,471	119,057,833	15,063,462	15,462,346	13,864,035	12,001,126	14,826,070	24,902,747	22,938,047	0	0	0	0	0	0	0	119,057,833
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	2019W	F	2,719,668	0	2,719,668	0	2,719,668	0	0	0	0	0	0	0	0	0	0	0	0	2,719,668
		TOTAL - 1053			2,000,000	0	2,000,000	0	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	2,000,000



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future						
1053	101540	WATER MAIN CONNECTION - PORT OF MIAMI WATER SUPPLY - AREA A	EW260	A	10,083,696	6,670,647	3,413,049	3,413,049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,413,049	
		TOTAL - 101540			14,803,364	6,670,647	8,132,717	3,413,049	0	0	2,000,000	0	0	8,138	0	0	0	0	0	0	0	0	0	8,132,717
1053	102116	20-INCH WATER MAIN - BISCAYNE BLVD - AREA L	2022W	F	8,138	0	8,138	0	0	0	0	0	0	8,138	0	0	0	0	0	0	0	0	0	8,138
		2023W	F	551,494	0	551,494	0	0	0	0	0	0	0	551,494	0	0	0	0	0	0	0	0	0	551,494
		2024W	F	386,493	0	386,493	0	0	0	0	0	0	0	386,493	0	0	0	0	0	0	0	0	0	386,493
		EW260	A	59,931	59,931	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TOTAL - 102116			1,006,056	59,931	946,125	0	0	0	7,211,792	0	0	8,138	551,494	386,493	0	0	0	0	0	0	0	946,125
1053	102197	PORT OF MIAMI WATER SUPPLY LINE	2020W	F	7,211,792	0	7,211,792	0	0	7,211,792	0	0	0	0	0	0	0	0	0	0	0	0	0	7,211,792
		EW223	A	29,599,868	11,599,868	18,000,000	8,491,597	9,220,000	288,403	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18,000,000
		TOTAL - 102197			36,811,660	11,599,868	25,211,792	8,491,597	9,220,000	7,500,195	0	0	0	0	8,138	551,494	386,493	0	0	0	0	0	0	25,211,792
1053	102227	INSTALL OF 54-INCH WM ALONG RED ROAD (W 4TH AVE), FROM W 21ST ST TO W 53RD ST	2020W	F	21,744,550	0	21,744,550	0	0	21,744,550	0	0	0	0	0	0	0	0	0	0	0	0	0	21,744,550
		2021W	F	12,000,000	0	12,000,000	0	0	0	12,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	12,000,000
		2022W	F	1,722,685	0	1,722,685	0	0	0	1,722,685	0	0	0	1,722,685	0	0	0	0	0	0	0	0	0	1,722,685
		EW260	A	1,468,538	301,488	1,167,050	1,167,050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,167,050
		TOTAL - 102227			42,599,093	301,488	42,297,605	1,167,050	5,663,320	21,744,550	12,000,000	1,722,685	0	0	0	0	0	0	0	0	0	0	0	42,297,605
1053	103004	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2019W	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000



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								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future				
1053	103004	REPLACEMENT OF 6,000 LF OF CORRODED 8", 12", 16" WM ALONG NE 36 CT / TURNBERRY WAY FROM WILLIAM LEHMAN	2020W	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
			2021W	F	363,528	0	363,528	0	0	0	363,528	0	0	0	0	0	0	0	0	0	0	363,528
			EW221	A	240,000	0	240,000	240,000	0	0	0	0	0	0	0	0	0	0	0	0	0	240,000
			EW260	A	240,000	0	240,000	240,000	0	0	0	0	0	0	0	0	0	0	0	0	0	240,000
		TOTAL - 103004			2,843,528	0	2,843,528	480,000	1,000,000	1,000,000	363,528	0	0	0	0	0	0	0	0	0	0	2,843,528
		TOTAL - 1053			98,063,701	18,631,933	79,431,768	13,551,696	18,602,988	32,244,745	12,363,528	1,730,823	551,494	386,493	0	0	0	0	0	0	0	79,431,767
1054	101441	54" REPLACEMENT OF LOW PRESSURE WATER MAIN IN NW 62 ST (NW 37 AVE - 10 AVE)	2021W	F	254,069	0	254,069	0	0	0	254,069	0	0	0	0	0	0	0	0	0	0	254,069
			2022W	F	699,823	0	699,823	0	0	0	0	699,823	0	0	0	0	0	0	0	0	0	699,823
			2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	1,000,000	0	0	0	0	0	0	0	0	1,000,000
			2024W	F	4,219,985	0	4,219,985	0	0	0	0	0	4,219,985	0	0	0	0	0	0	0	0	4,219,985
			EW221	A	265,636	265,636	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			FUT-W	F	4,271,266	0	4,271,266	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,271,266
		TOTAL - 101441			10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	0	0	10,445,143
		TOTAL - 1054			10,710,779	265,636	10,445,143	0	0	0	254,069	699,823	1,000,000	4,219,985	4,271,266	0	0	0	0	0	0	10,445,143
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2019W	F	500,000	0	500,000	0	500,000	0	0	0	0	0	0	0	0	0	0	0	0	500,000
			2020W	F	379,328	0	379,328	0	0	379,328	0	0	0	0	0	0	0	0	0	0	0	379,328
			2021W	F	3,735,428	0	3,735,428	0	0	0	3,735,428	0	0	0	0	0	0	0	0	0	0	3,735,428



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028					
1055	102016	VARIOUS WATER TRANSMISSION MAINS (20 AND 24 INCHES)	2022W	F	148,664	0	148,664	0	0	0	0	148,664	0	0	0	0	0	0	0	0	0	148,664
			EW260	A	400,000	0	400,000	400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 102016			5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	0	0	5,163,420
		TOTAL - 1055			5,163,420	0	5,163,420	400,000	500,000	379,328	3,735,428	148,664	0	0	0	0	0	0	0	0	0	5,163,420
1056	101474	SPECIAL CONSTRUCTION - WATER IMPROVEMENTS - LOCKER ROOMS	EW224	A	4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	4,000,000
		TOTAL - 101474			4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	4,000,000
		TOTAL - 1056			4,320,753	320,753	4,000,000	1,000,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	0	0	4,000,000
1059	101084	MIAMI SERVICE FACILITY - (PHASE 1)	FUT-W	F	1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,064,685
		TOTAL - 101084			1,064,685	0	1,064,685	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,064,685
1059	101505	SOUTH MAINTENANCE CENTER	EW258	A	277,317	277,317	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EW260	A	116,856	116,856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		FUT-W	F	23,327,487	0	23,327,487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,327,487
		TOTAL - 101505			23,721,660	394,173	23,327,487	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,327,487
1059	101507	NORTH MAINTENANCE CENTER	FUT-W	F	10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,116,520
		TOTAL - 101507			10,116,520	0	10,116,520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,116,520
1059	101547	MIAMI SERVICE FACILITY (PHASE 2)	FUT-W	F	12,210,998	0	12,210,998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,210,998
		TOTAL - 101547			12,210,998	0	12,210,998	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,210,998



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN**

**Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total			
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028						
1059	101888	MIAMI GARDENS (CAROL CITY YARD) - MODULAR / STEEL BUILDING	FUT-W	F	1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300,000
		TOTAL - 101888			1,300,000	0	1,300,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,300,000
		TOTAL - 1059			48,413,863	394,173	48,019,690	0	0	0	0	0	0	0	0	0	0	2,929,251	9,666,747	35,423,692	0	0	48,019,690
1060	100786	WATER DISTRIBUTION SYSTEM EXTENSION	2019W	F	400,000	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 100786			400,000	0	400,000	0	400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	400,000
		TOTAL - 1059			48,413,863	394,173	48,019,690	0	0	0	0	0	0	0	0	0	0	2,929,251	9,666,747	35,423,692	0	0	48,019,690
		TOTAL - 1060			14,350,386	3,313,507	11,036,879	7,605,520	3,131,359	300,000	0	0	0	0	0	0	0	0	0	0	0	0	11,036,879
1060	101734	WATER DISTRIBUTION SYSTEM EXTENSION FOR JPAS	2019W	F	5,892,986	0	5,892,986	0	5,892,986	0	0	0	0	0	0	0	0	0	0	0	0	0	5,892,986
		TOTAL - 101734			5,892,986	0	5,892,986	0	5,892,986	0	0	0	0	0	0	0	0	0	0	0	0	0	5,892,986
		TOTAL - 1060			14,350,386	3,313,507	11,036,879	7,605,520	3,131,359	300,000	0	0	0	0	0	0	0	0	0	0	0	0	11,036,879
		TOTAL - 101734			5,892,986	0	5,892,986	0	5,892,986	0	0	0	0	0	0	0	0	0	0	0	0	0	5,892,986
		TOTAL - 101734			85,294,907	46,767,738	38,527,169	10,000,000	7,535,303	3,159,944	6,035,279	6,296,644	2,000,000	2,000,000	1,500,000	0	0	0	0	0	0	0	38,527,170



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028					
1060	102111	12/16 INCH WATER MAINS IN S. MIAMI-DADE AREA E	2019W	F	2,532,488	0	2,532,488	0	2,532,488	0	0	0	0	0	0	0	0	0	0	0	0	2,532,488
			2020W	F	2,000,000	0	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			EW260	A	329,538	0	329,538	329,538	0	0	0	0	0	0	0	0	0	0	0	0	0	329,538
		TOTAL - 102111			4,862,026	0	4,862,026	329,538	2,532,488	2,000,000	0	0	0	0	0	0	0	0	0	0	0	4,862,026
1060	102140	FURNISH AND INSTALL 48-INCH WATER MAIN IN SW 117 AVE, SW 72 ST, SW 127 AVE FROM SW 68 ST, TO SW 152 ST (AREA N)	2019W	F	5,209,421	0	5,209,421	0	5,209,421	0	0	0	0	0	0	0	0	0	0	0	0	5,209,421
			2020W	F	7,010,090	0	7,010,090	0	7,010,090	0	7,010,090	0	0	0	0	0	0	0	0	0	0	7,010,090
			2021W	F	8,500,000	0	8,500,000	0	8,500,000	0	8,500,000	0	0	0	0	0	0	0	0	0	0	8,500,000
			2022W	F	6,500,000	0	6,500,000	0	6,500,000	0	6,500,000	0	0	0	0	0	0	0	0	0	0	6,500,000
			2023W	F	5,500,000	0	5,500,000	0	5,500,000	0	5,500,000	0	0	0	0	0	0	0	0	0	0	5,500,000
			2024W	F	4,500,000	0	4,500,000	0	4,500,000	0	4,500,000	0	0	0	0	0	0	0	0	0	0	4,500,000
			EW260	A	10,049,994	6,303,440	3,746,554	3,746,554	0	0	0	0	0	0	0	0	0	0	0	0	0	3,746,554
		TOTAL - 102140			47,269,505	6,303,440	40,966,065	3,746,554	5,209,421	7,010,090	8,500,000	6,500,000	5,500,000	4,500,000	0	0	0	0	0	0	0	40,966,065
1060	102196	LONG TERM PARKING FOR WATER DISTRIBUTION EMPLOYEES	2019W	F	2,677,855	0	2,677,855	0	2,677,855	0	0	0	0	0	0	0	0	0	0	0	0	2,677,855
			2020W	F	2,000,000	0	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			EW260	A	1,800,000	0	1,800,000	1,800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,800,000
		TOTAL - 102196			6,477,855	0	6,477,855	1,800,000	2,677,855	2,000,000	0	0	0	0	0	0	0	0	0	0	0	6,477,855
		TOTAL - 1060			158,254,679	56,384,685	101,869,994	23,481,612	21,086,426	14,470,034	14,535,279	12,796,644	7,500,000	6,500,000	1,500,000	0	0	0	0	0	0	101,869,995



**MIAMI-DADE WATER AND SEWER DEPARTMENT
 ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
 Projection by Project Sub-project by Year - Water
 As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total				
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future					
1063	100789	FIRE HYDRANT INSTALLATION AND RELATED SYSTEM BETTERMENTS	EW226	A	26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	24,732,472	
		TOTAL - 100789			26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	24,732,472
		TOTAL - 1063			26,700,778	1,968,306	24,732,472	3,283,130	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	24,732,472
1064	100790	MISCELLANEOUS TOOLS AND EQUIPMENT	EW221	A	20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,661,492	
		TOTAL - 100790			20,938,457	6,276,965	14,661,492	387,870	2,273,622	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	14,661,492
1064	101724	HEAVY CONSTRUCTION EQUIPMENT	EW221	A	36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	27,166,262	
		TOTAL - 101724			36,125,636	8,959,374	27,166,262	1,835,224	4,331,038	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	3,500,000	27,166,262
1064	101725	VEHICLES/TRANSPORTATION EQUIPMENT	EW221	A	26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	20,422,460	
		TOTAL - 101725			26,897,355	6,474,895	20,422,460	3,227,982	2,194,478	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	20,422,460
1064	102027	AUTOMATED METER READING (AMR)	2019W	F	1,500,000	0	1,500,000	0	1,500,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,500,000
		2020W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	0	2,500,000
		2021W	F	3,500,000	0	3,500,000	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	0	0	0	3,500,000
		2022W	F	3,500,000	0	3,500,000	0	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	0	0	3,500,000
		2023W	F	3,500,000	0	3,500,000	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	0	3,500,000
		2024W	F	3,500,000	0	3,500,000	0	0	0	0	0	0	3,500,000	0	0	0	0	0	0	0	0	0	3,500,000
		EW221	A	288,814	288,814	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	288,814
		FUT-W	F	102,000,000	0	102,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	102,000,000
		TOTAL - 102027			120,288,814	288,814	120,000,000	0	1,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	120,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
 ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
 Projection by Project Sub-project by Year - Water
 As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total				
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future					
1065	101601	WATER DISTRIBUTION SYSTEM ENHANCEMENTS	EW247	A	12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	6,894,500	0	0	0	0	0	0	0	0	0	7,239,000
		TOTAL - 101601			12,785,500	5,546,500	7,239,000	50,000	150,000	144,500	0	0	6,894,500	0	0	0	0	0	0	0	0	0	7,239,000
1065	101602	WATER DISTRIBUTION SYSTEM NEEDS ASSESSMENT	EW247	A	11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	0	0	0	0	2,708,000
		TOTAL - 101602			11,060,000	8,352,000	2,708,000	297,600	1,115,200	631,200	403,200	260,800	0	0	0	0	0	0	0	0	0	0	2,708,000
1066	100792	WATER PLANTS REHABILITATION	EW221	A	41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	37,936,918
		TOTAL - 100792			41,380,189	3,443,271	37,936,918	11,006,175	17,930,743	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	37,936,918
1066	101714	SECURITY PROJECTS	2021W	F	229,313	0	229,313	0	0	0	229,313	0	0	0	0	0	0	0	0	0	0	0	229,313
		2022W	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		2023W	F	1,000,000	0	1,000,000	0	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		2024W	F	545,104	0	545,104	0	0	0	0	0	0	545,104	0	0	0	0	0	0	0	0	0	545,104
		EW221	A	4,710,728	3,395,228	1,315,500	1,315,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,315,500
		EW260	A	3,745,104	0	3,745,104	3,745,104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,745,104
		TOTAL - 101714			11,230,249	3,395,228	7,835,021	5,060,604	0	0	229,313	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	7,835,021
		TOTAL - 1066			52,610,438	6,838,499	45,771,939	16,066,779	17,930,743	1,500,000	1,729,313	2,500,000	2,500,000	2,045,104	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	45,771,939
1067	100793	WATER SYSTEM UPGRADES	EW221	A	142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	129,625,025
		TOTAL - 100793			142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	129,625,025
		TOTAL - 1067			142,709,362	13,084,337	129,625,025	21,439,525	18,185,500	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000	129,625,025



**MIAMI-DADE WATER AND SEWER DEPARTMENT
ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
Projection by Project Sub-project by Year - Water
As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total		
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028					
1070	101470	WATER TREATMENT PLANTS AND WELLFIELDS - SCADA SYSTEM	EW260	A	2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	0	1,877,840	
		TOTAL - 101470			2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	0	1,877,840	
		TOTAL - 1070			2,246,784	368,944	1,877,840	1,377,840	500,000	0	0	0	0	0	0	0	0	0	0	0	1,877,840	
1075	101891	NEW NWWF HIGH SERVICE PUMP STATION	FUT-W	F	43,250,000	0	43,250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43,250,000
		TOTAL - 101891			43,250,000	0	43,250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43,250,000
1075	102135	MIAMI SPRINGS WELLFIELD REHABILITATION - PHASE 1-3	2019W	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	0	2,000,000
		2020W	F	5,340,516	0	5,340,516	0	0	0	5,340,516	0	0	0	0	0	0	0	0	0	0	0	5,340,516
		2021W	F	7,500,000	0	7,500,000	0	0	0	7,500,000	0	0	0	0	0	0	0	0	0	0	0	7,500,000
		2022W	F	6,794,000	0	6,794,000	0	0	0	6,794,000	0	0	0	0	0	0	0	0	0	0	0	6,794,000
		2023W	F	3,000,000	0	3,000,000	0	0	0	3,000,000	0	0	0	0	0	0	0	0	0	0	0	3,000,000
		2024W	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		EW221	A	2,620,360	2,620,360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EW223	A	1,893,749	0	1,893,749	246,366	1,647,383	0	0	0	0	0	0	0	0	0	0	0	0	0	1,893,749
		EW260	A	1,726,253	726,253	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102135			31,874,878	3,346,612	28,528,266	1,246,366	3,647,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	0	0	0	0	0	0	0	28,528,265
1075	102176	MONITORING WELL INSTALLATION	2019W	F	250,000	0	250,000	0	250,000	0	0	0	0	0	0	0	0	0	0	0	0	250,000
		EW260	A	500,000	0	500,000	500,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	500,000
		TOTAL - 102176			750,000	0	750,000	500,000	250,000	0	0	0	0	0	0	0	0	0	0	0	0	750,000
		TOTAL - 1075			75,874,878	3,346,612	72,528,266	1,746,366	3,897,383	5,340,516	7,500,000	6,794,000	3,000,000	1,000,000	20,000,000	23,250,000	0	0	0	0	0	72,528,265



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total					
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028								
1077	102021	SOUTH MIAMI HEIGHTS - FA WELLS AND HYDROGEOLOGIC TEST PLAN	2019W	F	4,548,107	0	4,548,107	0	4,548,107	0	1,100,000	0	0	0	0	0	0	0	0	0	0	0	0	4,548,107	
			2020W	F	1,100,000	0	1,100,000	0	0	0	1,100,000	0	0	0	0	0	0	0	0	0	0	0	0	1,100,000	
			2021W	F	1,075,083	0	1,075,083	0	0	0	1,075,083	0	0	0	0	0	0	0	0	0	0	0	0	1,075,083	
			2022W	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	
			2023W	F	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	
			2024W	F	10,300,000	0	10,300,000	0	0	0	10,300,000	0	0	0	0	0	0	0	0	0	0	0	0	10,300,000	
			EW258	A	6,859,313	6,859,313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
			EW260	A	15,886,041	14,587,300	1,298,741	1,298,741	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,298,741	
			TOTAL - 102021		41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	20,321,931	
			TOTAL - 1077		41,768,544	21,446,613	20,321,931	1,298,741	4,548,107	1,100,000	1,075,083	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	20,321,931	
1078	101368	TELEMETERING SYSTEM - WATER	EW221	A	8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,795,577	
			TOTAL - 101368		8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,795,577	
			TOTAL - 1078		8,412,114	1,616,537	6,795,577	317,500	141,000	1,337,077	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,795,577	
1080	101879	INSTALLATION OF 36 INCH DI WATER MAIN IN NW 87TH AVE. FROM NW 170 ST. TO 102 AVE.	EW221	A	1,867,097	1,169,760	697,337	697,337	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	697,337	
			EW223	A	5,000,000	4,508,895	491,105	491,105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	491,105
			TOTAL - 101879		6,867,097	5,678,655	1,188,442	1,188,442	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,188,442	
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	2019W	F	1,200,000	0	1,200,000	0	1,200,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,200,000	
			2020W	F	1,000,000	0	1,000,000	0	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000	



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total							
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028										
1080	102182	CONSTRUCTION OF 4 ADDITIONAL WELLS FOR HIALEAH RO WTP	2021W	F	800,000	0	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	800,000	
			EW260	A	1,000,000	0	1,000,000	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
		TOTAL - 102182			4,000,000	0	4,000,000	1,000,000	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,000,000
1081	101966	INSTALLATION OF 12-INCH DIWM ON EAST DRIVE FROM NW 36 ST. TO LABARON DR.	EW205	A	13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	10,000,445
		TOTAL - 1080			10,867,097	5,678,655	5,188,442	2,188,442	1,200,000	1,000,000	800,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,188,442
		TOTAL - 101966			13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000,445
1082	101969	WATER - PIPES AND INFRASTRUCTURE PROJECTS	EW221	A	90,730,190	26,730,190	64,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	64,000,000
		TOTAL - 1081			13,310,870	3,310,425	10,000,445	5,346,948	4,653,497	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000,445
		TOTAL - 101969			98,730,190	26,743,242	71,986,948	9,359,566	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	9,000,000	71,986,948
1082	102178	36-INCH WATER MAIN NW 106 STREET	2019W	F	5,437,560	0	5,437,560	0	5,437,560	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,437,560
			2020W	F	1,768,893	0	1,768,893	0	1,768,893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,768,893
			EW258	A	8,735	8,735	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	870,434	451,039	419,395	419,395	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	419,395
		TOTAL - 102178			8,085,622	459,774	7,625,848	419,395	5,437,560	1,768,893	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7,625,848
1082	102179	36-INCH WATER MAIN NW 135 STREET	2019W	F	3,489,966	0	3,489,966	0	3,489,966	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,489,966
			2020W	F	4,508,221	0	4,508,221	0	4,508,221	0	4,508,221	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,508,221
			2021W	F	3,750,000	0	3,750,000	0	3,750,000	0	0	0	3,750,000	0	0	0	0	0	0	0	0	0	0	0	0	0	3,750,000



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028				
1082	102179	36-INCH WATER MAIN NW 135 STREET	2022W	F	2,350,000	0	2,350,000	0	0	0	0	0	0	0	0	0	0	0	0	0	2,350,000
		EW258	A		4,029	4,029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EW260	A		1,384,038	771,658	612,380	612,380	0	0	0	0	0	0	0	0	0	0	0	0	612,380
		TOTAL - 102179			15,486,254	775,687	14,710,567	612,380	3,489,966	4,508,221	3,750,000	2,350,000	0	0	0	0	0	0	0	0	14,710,567
		TOTAL - 1082			122,302,066	27,978,702	94,323,364	10,391,341	17,927,526	15,277,414	12,750,000	11,350,000	9,000,000	9,627,382	8,000,000	0	0	0	0	0	94,323,363
1084	101678	SMALL DIAMETER WATER MAINS ENHANCEMENTS PROGRAM	2019W	F	14,221,262	0	14,221,262	0	14,221,262	0	0	0	0	0	0	0	0	0	0	0	14,221,262
		2020W	F		9,326,626	0	9,326,626	0	0	9,326,626	0	0	0	0	0	0	0	0	0	0	9,326,626
		2021W	F		4,750,000	0	4,750,000	0	0	4,750,000	0	0	0	0	0	0	0	0	0	0	4,750,000
		2022W	F		2,250,000	0	2,250,000	0	0	2,250,000	0	0	0	0	0	0	0	0	0	0	2,250,000
		EW221	A		703,334	124,598	578,736	578,736	0	0	0	0	0	0	0	0	0	0	0	0	578,736
		EW226	A		123,088	31,049	92,039	92,039	0	0	0	0	0	0	0	0	0	0	0	0	92,039
		EW258	A		5,862,994	5,862,994	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EW260	A		14,178,083	7,849,203	6,328,880	6,328,880	0	0	0	0	0	0	0	0	0	0	0	0	6,328,880
		TOTAL - 101678			51,415,387	13,867,844	37,547,543	6,999,655	14,221,262	9,326,626	4,750,000	2,250,000	0	0	0	0	0	0	0	0	37,547,543
1084	102136	REPLACEMENT OF 82,612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE A	EW222	A	11,326,347	10,615,383	710,964	710,964	0	0	0	0	0	0	0	0	0	0	0	0	710,964
		EW258	A		355,999	355,999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		EW260	A		2,328,929	1,426,023	902,906	902,906	0	0	0	0	0	0	0	0	0	0	0	0	902,906
		TOTAL - 102136			14,011,275	12,397,405	1,613,870	1,613,870	0	0	0	0	0	0	0	0	0	0	0	0	1,613,870



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total			
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028						
1084	102137	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE A	2020W	F	2,200,328	0	2,200,328	0	0	2,200,328	0	0	0	0	0	0	0	0	0	0	0	0	2,200,328
			2021W	F	6,118,247	0	6,118,247	0	0	6,118,247	0	0	0	0	0	0	0	0	0	0	0	0	6,118,247
			2022W	F	4,400,000	0	4,400,000	0	0	4,400,000	0	0	0	0	0	0	0	0	0	0	0	0	4,400,000
			EW222	A	16,825,257	12,145,500	4,679,757	1,000,000	2,380,085	1,299,672	0	0	0	0	0	0	0	0	0	0	0	0	4,679,757
			EW260	A	1,531,769	1,082,369	449,400	449,400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	449,400
		TOTAL - 102137			31,075,601	13,227,869	17,847,732	1,449,400	2,380,085	3,500,000	6,118,247	4,400,000	0	0	0	0	0	0	0	0	0	0	17,847,732
1084	102139	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE I IN SW 147th AVE AND SW 157th AVE BETWEEN SW 288th ST & SW 297th ST	2019W	F	1,511,008	0	1,511,008	0	1,511,008	0	0	0	0	0	0	0	0	0	0	0	0	0	1,511,008
			2020W	F	2,500,000	0	2,500,000	0	0	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	2,500,000
			EW260	A	1,254,231	0	1,254,231	1,254,231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,254,231
		TOTAL - 102139			5,265,239	0	5,265,239	1,254,231	1,511,008	2,500,000	0	0	0	0	0	0	0	0	0	0	0	0	5,265,239
1084	102141	REPLACEMENT OF 82.612 LF OF WATER MAINS IN SHENANDOAH AREA - PHASE B	EW222	A	9,756,995	8,803,645	953,350	953,350	0	0	0	0	0	0	0	0	0	0	0	0	0	0	953,350
			EW258	A	34,962	34,962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	6,163,105	1,155,367	5,007,738	5,007,738	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,007,738
		TOTAL - 102141			15,955,062	9,993,974	5,961,088	5,961,088	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,961,088
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2021W	F	7,193,343	0	7,193,343	0	0	7,193,343	0	0	0	0	0	0	0	0	0	0	0	0	7,193,343



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Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total			
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028						
1084	102142	SOUTH MIAMI HEIGHTS AREA WATER MAIN REPLACEMENT & SERVICE CONVERSIONS PROJECT - PHASE B	2022W	F	6,500,000	0	6,500,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,500,000
			2023W	F	5,400,000	0	5,400,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5,400,000
			2024W	F	1,095,653	0	1,095,653	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,095,653
			EW222	A	16,705,096	4,824,441	11,880,655	1,735,277	4,180,237	5,658,484	306,657	0	0	0	0	0	0	0	0	0	0	0	11,880,655
			EW258	A	5,176	5,176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	1,000,000	669,652	330,348	330,348	0	0	0	0	0	0	0	0	0	0	0	0	0	0	330,348
		TOTAL - 102142			37,899,268	5,499,269	32,399,999	2,065,625	4,180,237	5,658,484	7,500,000	6,500,000	5,400,000	1,095,653	0	0	0	0	0	0	0	0	32,399,999
1084	102143	REPLACE UNDERSIZED WATER MAINS DOUGHNUT HOLE	2019W	F	1,670,855	0	1,670,855	0	1,670,855	0	0	0	0	0	0	0	0	0	0	0	0	0	1,670,855
			2020W	F	2,429,455	0	2,429,455	0	0	2,429,455	0	0	0	0	0	0	0	0	0	0	0	0	2,429,455
			2021W	F	7,500,000	0	7,500,000	0	0	0	7,500,000	0	0	0	0	0	0	0	0	0	0	0	7,500,000
			EW226	A	340,509	340,509	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			EW260	A	793,207	0	793,207	793,207	0	0	0	0	0	0	0	0	0	0	0	0	0	0	793,207
		TOTAL - 102143			12,734,026	340,509	12,393,517	793,207	1,670,855	2,429,455	7,500,000	0	0	0	0	0	0	0	0	0	0	0	12,393,517
1084	102144	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - REPLACEMENT OF SMALL DIAMETER PIPE PHASE 1	2023W	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
			2024W	F	1,000,000	0	1,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,000,000
			FUT-W	F	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,000,000
		TOTAL - 102144			4,000,000	0	4,000,000	0	0	0	0	0	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	0	0	4,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
 ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
 Projection by Project Sub-project by Year - Water
 As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Total	
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	Future		
1084	102193	WATER MASTER PLAN	2019W	F	2,000,000	0	2,000,000	0	2,000,000	0	0	0	0	0	0	0	0	0	0	2,000,000
			2020W	F	425,000	0	425,000	0	425,000	0	0	0	0	0	0	0	0	0	0	425,000
			EW260	A	575,000	387,796	187,204	187,204	0	0	0	0	0	0	0	0	0	0	0	187,204
		TOTAL - 102193			3,000,000	387,796	2,612,204	187,204	2,000,000	425,000	0	0	0	0	0	0	0	0	0	2,612,204
1084	102198	INSTALLATION OF 8-INCH DUCTILE IRON WATER MAIN PHASE II IN SW 147H AVE AND SW 152nd AVE BETWEEN SW 288th ST & SW 296th ST	2019W	F	545,792	0	545,792	0	545,792	0	0	0	0	0	0	0	0	0	0	545,792
		TOTAL - 102198			2,959,573	0	2,959,573	2,413,781	545,792	0	0	0	0	0	0	0	0	0	0	2,959,573
1084	102243	WATER COMMERCIAL CORRIDORS ECONOMIC DEVELOPMENT - PHASE 1	2020W	F	4,163,823	0	4,163,823	0	4,163,823	0	0	0	0	0	0	0	0	0	0	4,163,823
			2021W	F	7,676,395	0	7,676,395	0	7,676,395	0	0	0	0	0	0	0	0	0	0	7,676,395
			2022W	F	20,814,030	0	20,814,030	0	20,814,030	0	0	0	0	0	0	0	0	0	0	20,814,030
			2023W	F	19,107,714	0	19,107,714	0	19,107,714	0	0	0	0	0	0	0	0	0	0	19,107,714
			2024W	F	15,000,000	0	15,000,000	0	15,000,000	0	0	0	0	0	0	0	0	0	0	15,000,000
			EW260	A	2,407,133	218,403	2,188,730	2,188,730	0	0	0	0	0	0	0	0	0	0	0	2,188,730
			FUT-W	F	23,100,769	0	23,100,769	0	23,100,769	0	0	0	0	0	0	0	0	0	0	23,100,769
		TOTAL - 102243			96,115,935	218,403	95,897,532	2,188,730	3,846,071	4,163,823	7,676,395	20,814,030	19,107,714	15,000,000	13,500,000	9,600,769	0	0	0	95,897,532
1084	102244	LEAK DETECTION PROGRAM	EW221	A	35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	35,000,000
		TOTAL - 102244			35,000,000	0	35,000,000	0	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	0	35,000,000



**MIAMI-DADE WATER AND SEWER DEPARTMENT
 ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
 Projection by Project Sub-project by Year - Water
 As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS											Future	Total
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028			
		TOTAL - 1084			309,431,366	55,933,070	253,498,296	24,926,791	35,355,310	33,003,388	38,544,642	38,964,030	30,507,714	22,095,653	19,500,000	10,600,769	0	0	253,498,296	
		TOTAL - Water			1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	1,269,330,446	



**MIAMI-DADE WATER AND SEWER DEPARTMENT
 ADOPTED 2019-2025 CAPITAL BUDGET AND MULTI-YEAR CAPITAL PLAN
 Projection by Project Sub-project by Year - Water
 As of: 9/30/2018**

Proj	Sub-Proj	Sub-Proj Desc.	Fund	Status	Current Bond/Fund Allocation	Expenditures As of 9/30/2018	Remaining Bond/Fund Allocation	PROJECTIONS										Future	Total
								2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028		
		REPORT TOTAL			1,534,312,701	264,982,255	1,269,330,446	158,858,608	195,913,501	157,810,688	138,105,817	122,581,646	110,461,955	116,507,164	91,649,859	47,017,516	130,423,692	0	1,269,330,446

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