

Memorandum



Date: June 14, 2022

To: Honorable Chairman Jose “Pepe” Diaz
and Members, Board of County Commissioners

Agenda Item No. 5(J)

From: Lourdes M. Gomez, Director 
Department of Regulatory and Economic Resources

Subject: Class I Permit Application by Miami-Dade County, Through its Water and Sewer
Department
Resolution No. R-573-22

Recommendation

I have reviewed the attached application for a Class I permit by Miami-Dade County, through its Water and Sewer Department, and based upon the applicable evaluation factors set forth in Section 24-48.3 of the Code of Miami-Dade County (Code), I recommend that the Board of County Commissioners (Board) approve the issuance of a Class I permit for the reasons set forth below.

Pursuant to Ordinance No. 16-73, this quasi-judicial matter may be submitted directly for placement on the Board’s meeting agenda by the Director of the Department of Regulatory and Economic Resources.

Scope

The project site is located at 2575 NE 151st Street, North Miami in Commission District 4, which is represented by Commissioner Sally A. Heyman.

Delegation of Authority

This item has no delegation of authority. Upon approval of this item, Section 24-48.2(C)(2) of the Code authorizes the Department to issue the permit, provided that other Code requirements are satisfied, such as submittal of final plans and bonds, and to require additional conditions, limitations, and restrictions if consistent with this Board’s approval.

Fiscal Impact/Funding Source

This resolution is a regulatory approval and does not have a fiscal impact.

Track Record/Monitor

The Coastal Resources Section Manager, McKee Gray, in the Department of Regulatory and Economic Resources, Division of Environmental Resources Management (DERM), will be responsible for monitoring the proposed permit.

Background

The subject Class I permit application requests authorization for the filling of approximately 17.2 acres (747,363 sq. ft.) of wetlands supporting halophytic (salt-tolerant) vegetation within the City of North Miami, Miami-Dade County, Florida. To be approved, this application must be reviewed and decided by the Board after a public hearing because the filling of wetlands supporting halophytic vegetation is specifically referenced in Section 24-48.2 of the Code as work that shall be processed with a standard form application, including a public hearing.

The project site contains the County-owned North District Wastewater Treatment Plant, which provides treatment of municipal wastewater, and is surrounded by halophytic wetland plant species as defined

by Section 24-5 of the Code within the City of North Miami. In order to meet the Ocean Outfall Legislation (Florida Statutes Title XXIX Section 403.086), the Applicant is proposing to expand the existing North District Wastewater Treatment Plant, including increasing the elevation of the property, which would result in the filling of 17.2 acres of halophytic wetlands dominated by exotic invasive vegetation. The high-quality wetlands located near the east property line would be preserved and no temporary or permanent impacts are proposed within that area.

According to Section 24-48.3(2) of the Code, dredging and filling work proposed in a Class I permit application shall comply with at least one of the criteria listed in that section of the Code. Due to the limited space available for expansion of the wastewater treatment plant within the existing upland area and in order to comply with the Ocean Outfall Legislation, the Applicant is proposing to fill the existing exotic dominated wetlands to an elevation consistent with the County’s base flood elevation criteria in order to meet the public’s future water and sewer needs. As discussed in further detail below, the expansion of the treatment facility is necessary to meet the Ocean Outfall Legislation and increasing capacity demands. Therefore, the project complies with the criteria listed in Section 24-48.3(2)(a) of the Code because it is the minimum dredging and spoiling for public necessity.

The proposed work would impact mangroves that have been designated by the Miami-Dade County Comprehensive Development Master Plan (CDMP) as a Mangrove Protection Area. Cutting, trimming, pruning or other alteration including dredging or filling of mangroves within a Mangrove Protection Area must be consistent with the criteria outlined in the Coastal Management Element of the CDMP. In addition, the project must be consistent with the criteria outlined in the Conservation, Aquifer Recharge, and Drainage Element of the CDMP. The subject facility is one of two wastewater treatment plants within Miami-Dade County and is the only facility available to serve the northern half of the County’s population. The proposed filling work would increase the elevation of the property and facilitate the expansion of the existing wastewater treatment plant and enable the plant to accommodate the increasing population within Miami-Dade County. In addition, the expansion of the existing treatment facility would enable the Applicant to comply with the Ocean Outfall Legislation which requires the County to cease the use of ocean outfalls as a primary disposal method for domestic wastewater. Therefore, the proposed work is consistent with the CDMP as the work is clearly in the public interest and is in a location where no reasonable upland alternative exists. The project has been designed to only impact exotic-dominated wetlands while preserving the higher quality wetlands onsite. The proposed filling has been minimized and would be done in a manner that preserves the function of the adjacent higher quality mangrove system and would not adversely affect habitat. The Class I permit would include authorization for future maintenance trimming and alteration of mangroves surrounding the facility to maintain clearance, should mangroves grow into this area. Furthermore, all exotic plant species within the project area would be removed during construction.

Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized. Section 24-48.4 of the Code also requires mitigation for permittable projects that otherwise result in adverse environmental impacts. The project has been designed to only result in impacts to the exotic-dominated wetlands while preserving the higher quality wetlands onsite. The proposed fill would be wholly contained on the property and proper turbidity and erosion controls, including silt fencing, would be maintained throughout the duration of construction operations to ensure no unauthorized impacts occur. In addition, the fill would be compacted and the appropriate side slopes would be installed upon completion of the project to prevent fill erosion into the adjacent wetlands. Furthermore, the project area would be maintained free of exotic pest plants and nuisance species in accordance with the Class

I permit conditions. To mitigate for otherwise permissible impacts to wetlands, the Applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company’s Everglades Mitigation Bank (FPL EMB), which would restore, enhance, and preserve coastal wetlands in accordance with federal, state and local regulations.

The project has been designed in accordance with all relevant Miami-Dade County coastal construction criteria and is consistent with all other Miami-Dade County coastal protection provisions. Please find attached a DERM Project Report which also sets forth the reasons the proposed project is recommended for approval by DERM pursuant to the applicable evaluation factors and criteria as set forth in Section 24-48.3 of the Code. The conditions, limitations, and restrictions set forth in the Project Report attached hereto are incorporated herein by references hereto.

Attachments

- Attachment A: Class I Permit Application
- Attachment B: Owner/Agent Letter and Project Sketches
- Attachment C: Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the Proposed Work
- Attachment D: DERM Project Report

Attachment A

Class I Permit Application



Class I Permit Application

FOR DEPARTMENTAL USE ONLY	
Date Received:	Application Number:
	Application Fee:

Application must be filled out in its entirety. Please indicate N/A for non-applicable fields.

1. Applicant Information:	2. Applicant's Authorized Permit Agent:
Name: Marisela J. Aranguiz, PE, Assistant Director	Agent is allowed to process the application, furnish supplemental information relating to the application and bind the applicant to all requirements of the application.
Address: Miami-Dade Water and Sewer Department, 3071 SW 38th Avenue	Name: Pedro Quiros-Pierce
Miami, FL Zip Code: 33146	Address: 3150 SW 38th Avenue Suite 700
Phone #: 786-552-8756 Fax#: 786-507-5943	Miami, FL Zip Code: 33146
Email: marisela.aranguiz@miamidade.gov	Phone #: 786-507-5943 Fax #:
* This should be the applicant's information for contact purposes.	Email: pedro.quiropsierce@jacobs.com

3. Location where proposed activity exists or will occur (latitude and longitude are only necessary for properties without address or folio #):				
Folio #(s): 06-2216-000-0062	Latitude: 25° 55' 00.40"	Longitude: 80° 09' 12.16"		
Street Address: NE of intersection of NE 151 ST & Biscayne Blvd	Section: S16	Township: T52S	Range: R42E	
In City or Town: North Miami	Near City or Town: N/A			
Name of waterway at location of the activity: N/A				

4. Describe the proposed activity (check all that apply):				
☐ Seawall	☐ Dock(s)	☐ Boatlift	☐ Dredging	☐ Mangrove Trimming
☐ New/Replacement Seawall	☐ Pier(s)	☐ Mooring Piles	☐ Maintenance	☐ Mangrove Removal
☐ Seawall Cap	☐ Viewing Platform	☐ Fender Piles	☐ New	
☐ Batter Piles		☐ Davits	☒ Filling	
☐ King Piles				
☐ Footer/Toe Wall				
☐ Riprap				
☐ Other: _____				
Estimated project cost = \$ 258,000,000				
Are you seeking an after-the-fact approval (ATF)? ☐ Yes ☒ No If "Yes", describe the ATF work: _____				

5. Proposed Use (check all that apply):	6. If the proposed work relates to the mooring of vessels provide the following information (please also indicate if the applicant does not have a vessel):
☐ Single Family	Proposed Vessel Type (s): N/A
☐ Multi-Family	Vessel Make/Model (If known): N/A
☐ Private	Draft (s)(range in inches.): N/A Length (s)(range in feet.): N/A
☐ Public	Total Number of Slips: N/A
☐ Commercial	
☐ Industrial	
☒ Utility	

7. List all permits or certifications that have been applied for or obtained for the above referenced work:				
Issuing Agency	Type of Approval	Identification Number	Application Date	Approval Date
RER	Wetland Delineation	CC16-060	1/03/19	9/19/19
FDEP	Wetland Delineation	13-372409-001-FD	1/03/19	3/28/19

8. Contractor Information (If known):

Name: _____ License # (County/State): _____

Address: _____ Zip Code: _____

Phone #: _____ Fax #: _____ E-mail: _____

9. IMPORTANT NOTICE TO APPLICANTS: The written consent of the property owner is required for all applications to be considered complete. Your application **WILL NOT BE PROCESSED** unless the Applicant and Owner Consent portion of the application is completed below. You have the obligation to apprise the Department of any changes to information provided in this application.

Application is hereby made for a Miami-Dade County Class I permit to authorize the activities described herein. I agree to or affirm the following:

- I possess the authority to authorize the proposed activities at the subject property, and
- I am familiar with the information, data and plans contained in this application, and
- To the best of my knowledge and belief, the information, data and plans submitted are true, complete and accurate, and
- I will provide any additional information, evidence or data necessary to provide reasonable assurance that the proposed project will comply with the applicable State and County water quality standards both during construction and after the project is completed, and
- I am authorizing the permit agent listed in Section 2 of this application to process the application, furnish supplemental information relating to this application and bind the applicant to all requirements of this application, and
- I agree to provide access and allow entry to the project site to inspectors and authorized representatives of Miami-Dade County for the purpose of making the preliminary analyses of the site and to monitor permitted activities and adherence to all permit conditions.

A. IF APPLICANT IS AN INDIVIDUAL

Signature of Applicant _____

Print Applicant's Name _____

Date _____

B. IF APPLICANT IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

(Examples: Corporation, Partnership, Trust, LLC, LLP, etc.)

Miami-Dade Water and Sewer Department

Utility

Florida

Print Name of Applicant (Enter the complete name as registered)
Registration/Incorporation

Type (Corp, LLC, LLP, etc.)

State of

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****



Marisela J. Aranguiz, P.E.

Assistant Director

10/26/20

Signature of Authorized Representative

Print Authorized Representative's Name

Title

Date

C. IF APPLICANT IS A JOINT VENTURE Each party must sign below (If more than two members, list on attached page)Print Name of Applicant (Enter the complete name as registered)
Registration/Incorporation

Type (Corp, LLC, LLP, etc.)

State of

Print Name of Applicant (Enter the complete name as registered)
Registration/Incorporation

Type (Corp, LLC, LLP, etc.)

State of

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Applicant, to bind the Applicant, and if so required to authorize the issuance of a bond on behalf of the Applicant. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****

Signature of Authorized Representative

Print Authorized Representative's Name

Title

Date

Signature of Authorized Representative

Print Authorized Representative's Name

Title

Date

10. WRITTEN CONSENT OF THE PROPERTY OWNER OF THE AREA OF THE PROPOSED WORK

I/We are the fee simple owner(s) of the real property located at NE of intersection of NE 151 ST & Biscayne Blvd. Miami-Dade
County, Florida, otherwise identified in the public records of Miami-Dade County as Folio No. 06-2216-000-0062.

I am aware and familiar with the contents of this application for a Miami-Dade County Class I Permit to perform the work on or adjacent to the subject property, as described in Section 4 of this application. I possess the riparian rights to the area of the proposed work (if applicable) and hereby consent to the work identified in this Class I Permit application.

A. IF THE OWNER(S) IS AN INDIVIDUAL

Signature of Owner _____ Print Owner's Name _____ Date _____

Signature of Owner _____ Print Owner's Name _____ Date _____

B. IF THE OWNER IS OTHER THAN AN INDIVIDUAL OR NATURAL PERSON

(Examples: Corporation, Partnership, Joint Venture, Trust, LLC, LLP, etc.)

Miami-Dade Water and Sewer Department Utility Florida
Print Name of Owner (Enter the complete name as registered) Type (Corp, LLC, LLP, etc.) State of Registration/Incorporation
3071 SW 38 Avenue, Miami, FL 33146
Address of Owner _____

Under the penalty of perjury, I certify that I have the authority to sign this application on behalf of the Owner, to bind the Owner, and if so required to authorize the issuance of a bond on behalf of the Owner. (If asked, you must provide proof of such authority to the Department). *****Please Note: If additional signatures are required, pursuant to your governing documents, operating agreements, or other applicable agreements or laws, you must attach additional signature pages.*****

Marisela J. Aranguiz Marisela J. Aranguiz, P.E. Assistant Director 10/26/20
Signature of Authorized Representative Print Authorized Representative's Name Title Date

Signature of Authorized Representative Print Authorized Representative's Name Title Date

Please Review Above

Appropriate signature(s) must be included in:

Box 9: either A, B or C

AND

Box 10: either A or B

Attachment B

Owner/Agent Letter and Project Sketches



miamidade.gov

Water and Sewer
PO Box 330316 • 3071 SW 38 Avenue
Miami, Florida 33233-0316
T 305-665-7471

August 5, 2021

Ms. Lindsey Precht
Biologist II, Coastal Resources Section
Miami Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, FL 33136

Re: Class I Standard Form Permit Application Number CLI-2020-0395

Dear Ms. Precht,

By the attached Class I Standard Form permit application with supporting documents, I, Marisela J. Aranguiz, am the permit applicant and hereby request permission to perform the work associated with Class I Permit Application CLI-2020-0395. I understand that a Miami-Dade County Class I Standard Form Permit is required to perform this work.

If approval is granted for the proposed work by the Board of County Commissioners, complete and detailed plans and calculations of the proposed work shall be prepared by an engineer licensed in the State of Florida in accordance with the minimum requirements of Chapter 24 of the Code of Miami-Dade County, Florida. Said plans and calculations shall be subject to the review and approval of the Department. The permit applicant will secure the services of an engineer licensed in the State of Florida to conduct inspections throughout the construction period, and said engineer shall prepare all required drawings of record. In the event that the proposed work which is the subject of this Class I Permit application involves the cutting or trimming of a mangrove tree(s), a detailed plan of the proposed cutting or trimming shall be prepared by a licensed landscape architect and submitted to the Department for review and approval, and the permit applicant will secure the services of a licensed landscape architect to supervise the trimming or cutting.

Sincerely,

A handwritten signature in blue ink that reads "Marisela J. Aranguiz".

Marisela J. Aranguiz, PE
Assistant Director
Miami-Dade Water and Sewer Department

c: James Ferguson, Senior Program Manager WASD
Evelio Agustin, Program Manager OOL
Pedro R. Quirós Pierce, Program Pre-Construction Manager OOL
Cesar Lugo, Project Manager OOL

ENGINEER LETTER OF CERTIFICATION

Date: 10/07/2021

Miami-Dade County Department of Regulatory and Economic Resources
Class I Permitting Program
701 NW 1st Court
Miami, Florida 33136

RE: Class I Permit Application Number CLI-2020-0395

Ladies and Gentlemen:

This letter will certify that I am an engineer licensed in the State of Florida, qualified by education and experience in the area of engineering design and inspection, and that to the best of my knowledge and belief, the proposed work does not violate any laws, rules, or regulations of the State of Florida or any provisions of the Code of Miami-Dade County which may be applicable; that diligence and recognized standard practices of the engineering profession have been exercised in the engineer's design of the proposed work; and in my opinion based upon my knowledge and belief, the following will not occur:

- a. Harmful obstruction or undesirable alteration of the natural flow of the water within the area of the proposed work.
- b. Harmful or increased erosion, shoaling of channels or stagnant areas of water. (Not applicable to class IV permits)
- c. Material injury to adjacent property.
- d. Adverse environmental impacts from changes in water quality or quantity. (Applicable to class IV permits only)

Further, I have been retained by the applicant to provide inspections throughout the construction period and to prepare a set of reproducible record prints of drawings showing changes made during the construction process based upon the marked-up prints, certified surveys, drawings, and other data furnished by the contractor to me.

Sincerely,



Melissa M. Jauregui, PE

P.E. #86685

MIAMI DADE WATER AND SEWER DEPARTMENT

3071 S.W. 38th AVENUE MIAMI, FL 33146-1520

NORTH DISTRICT WASTEWATER TREATMENT PLANT UPGRADES PERMIT SET

MAY 2021



LIST OF DRAWINGS

Sheet Number	Dwg No.	Sheet Description
GENERAL		
1	G-1	COVER SHEET LOCATION PLAN AND DRAWING LIST
CIVIL		
2	C-1	METLAND BOUNDARY SURVEY
3	C-2	EXISTING SITE PLAN
4	C-3	PROPOSED SITE PLAN
5	C-4	PROPOSED WETLAND IMPACTS
6	C-5	FILL PLAN
7	C-6	DETAILS
8	C-7	SECTIONS



THIS ITEM HAS BEEN DIGITALLY
SIGNED BY THE ENGINEER
ADJACENT TO THE SEAL. PRINTED
COPIES OF THIS DRAWING ARE
NOT CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE
MAY BE REPRODUCED IN ANY
ELECTRONIC COPY.



Environmental Engineering and Consulting
2345 Avenue of the Americas, Suite 400, Fort Lauderdale, FL 33304
Phone: (954) 574-1000 Fax: (954) 574-1001
www.browncaldwell.com



3150 SW 38TH AVE, SUITE 700
MIAMI, FL 33146



3071 SW 38 Avenue Miami, FL 33146
Telephone: 305-462-9417

JAMES B. FERGUSON
WASD SENIOR PROGRAM MANAGER

Dept.	Date	By

DATE	BY	DESIGNED	MG
10/07/20	MG		
10/07/20	MG		
10/07/20	MG		
10/07/20	MG		
10/07/20	MG		

SHEET: 1 OF 8	DWG. No. G-1
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Know what's below.
Call before you dig.

PERMIT SET - NOT FOR CONSTRUCTION

MAP OF BOUNDARY SURVEY

SECTION 16 - TOWNSHIP 22 SOUTH - RANGE 42 EAST

WETLAND DELINEATION COORDINATES

LINE	NORTH	EAST
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WETLAND DELINEATION COORDINATES

LINE	NORTH	EAST
1	527621.00	527621.00
2		

WESTERN UPLAND TREE TABLE									
SPECIES	HABITAT	REGENERATION				ADULTS			
		SEED	JOVEN	ADULT	SEED	JOVEN	ADULT	SEED	ADULT
1	1	100%	100%	100%	100%	100%	100%	100%	100%
2	2	100%	100%	100%	100%	100%	100%	100%	100%
3	3	100%	100%	100%	100%	100%	100%	100%	100%
4	4	100%	100%	100%	100%	100%	100%	100%	100%
5	5	100%	100%	100%	100%	100%	100%	100%	100%
6	6	100%	100%	100%	100%	100%	100%	100%	100%
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34	34	100%	100%	100%	100%	100%	100%	100%	100%
35	35	100%	100%	100%	100%	100%	100%	100%	100%
36	36	100%	100%	100%	100%	100%	100%	100%	100%
37	37	100%	100%	100%	100%	100%	100%	100%	100%
38	38	100%	100%	100%	100%	100%	100%	100%	100%
39	39	100%	100%	100%	100%	100%	100%	100%	100%
40	40	100%	100%	100%	100%	100%	100%	100%	100%
41	41	100%	100%	100%	100%	100%	100%	100%	100%
42	42	100%	100%	100%	100%	100%	100%	100%	100%
43	43	100%	100%	100%	100%	100%	100%	100%	100%
44	44	100%	100%	100%	100%	100%	100%	100%	100%
45	45	100%	100%	100%	100%	100%	100%	100%	100%

EASTERN UPLAND TREE TABLE									
TREE	COMMON NAME	BARK THICKNESS		DAPF		DAPF		DAPF	
		(INCH)	(CM)	(INCH)	(CM)	(INCH)	(CM)	(INCH)	(CM)
1	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
2	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
3	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
4	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
5	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
6	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
7	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
8	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
9	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
10	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
11	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
12	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
13	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
14	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
15	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
16	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
17	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
18	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
19	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
20	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
21	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
22	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
23	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
24	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
25	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
26	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
27	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
28	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
29	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
30	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
31	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
32	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
33	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
34	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
35	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
36	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
37	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
38	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
39	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
40	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
41	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8
42	ACACIA	1.5	3.8	1.5	3.8	1.5	3.8	1.5	3.8

EASTERN U.S. TREE TABLE				COMMON NAME		BOTANICAL NAME		GROWING HABIT	
TYPE	HEIGHT	COMMON NAME	BOTANICAL NAME	HEIGHT	FEET	FEET	FEET	FEET	FEET
Tree	100	Red Maple	<i>Acer rubrum</i>	100	100	100	100	100	100
Tree	100	White Birch	<i>Betula papyrifera</i>	100	100	100	100	100	100
Tree	100	Yellow Birch	<i>Betula flexilis</i>	100	100	100	100	100	100
Tree	100	Black Birch	<i>Betula nigra</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
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Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
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Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
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Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
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Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
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Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Black Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Red Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	White Pine	<i>Pinus strobus</i>	100	100	100	100	100	100
Tree	100	Yellow Pine	<i>Pinus strobus</i>	100					

[illegible][illegible]

THIS DRAWING INCLUDES THE WETLAND DELINEATION SUBMITTED TO AND APPROVED BY DERM ON 09/19/2019. THIS DELINEATION INCLUDES A LARGER WETLAND AREA THAN THE ONE APPROVED BY FDEP BECAUSE IT CONSIDERS THE STRIP EXTENDING TO US1 IN THE SOUTHWEST CORNER OF THE PARCEL, WHICH WAS NOT CONSIDERED IN THE WETLAND DELINEATION APPROVED BY FDEP.



MIAMI-DADE COUNTY
WATER AND SEWER DEPARTMENT
3701 SW 30TH AVENUE, SUITE 200
FORT LAUDERDALE, FL 33309-2001
305.462.2071
miamidade.gov



NORTH DISTRICT WASTEWATER TREATMENT PLANT UPGRADES PERMIT SET
EXISTING SITE PLAN
2075 NW 106 STREET, NORTH MIAMI, FL 33160

NO.	DATE	DESCRIPTION	BY
1	08/19/19	EXISTING	MA
2	08/19/19	EXISTING	MA
3	08/19/19	EXISTING	MA
4	08/19/19	EXISTING	MA
5	08/19/19	EXISTING	MA

DRAWING ISSUED
CHECKED
DESIGNED
DRAWN
DATE
BY
FINAL CHECK



PERMIT SET - NOT FOR CONSTRUCTION
SHEET: C-02
DWG.: 3 OF 8
DATE: 08/19/2019
SCALE: 1" = 115'

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY THE ENGINEER. ANY ATTEMPT TO ALTER THE SIGNATURE OR THE SEAL PRINTED ADJACENT TO THE SEAL PRINTED HEREON WILL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL SEALING ACT AND THE SIGNATURE WILL BE VOID. ANY ELECTRONIC COPY OF THIS DOCUMENT IS VOID.

PARCEL NO. 06-2215-000-0062

EXISTING 72" INFLUENT PIPE

ENTRY ROAD

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

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AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

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AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

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AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

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AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

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AREA 3

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EXISTING WETLANDS

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EXISTING WETLANDS

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AREA 2

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AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS

AREA 5

AREA 4

AREA 3

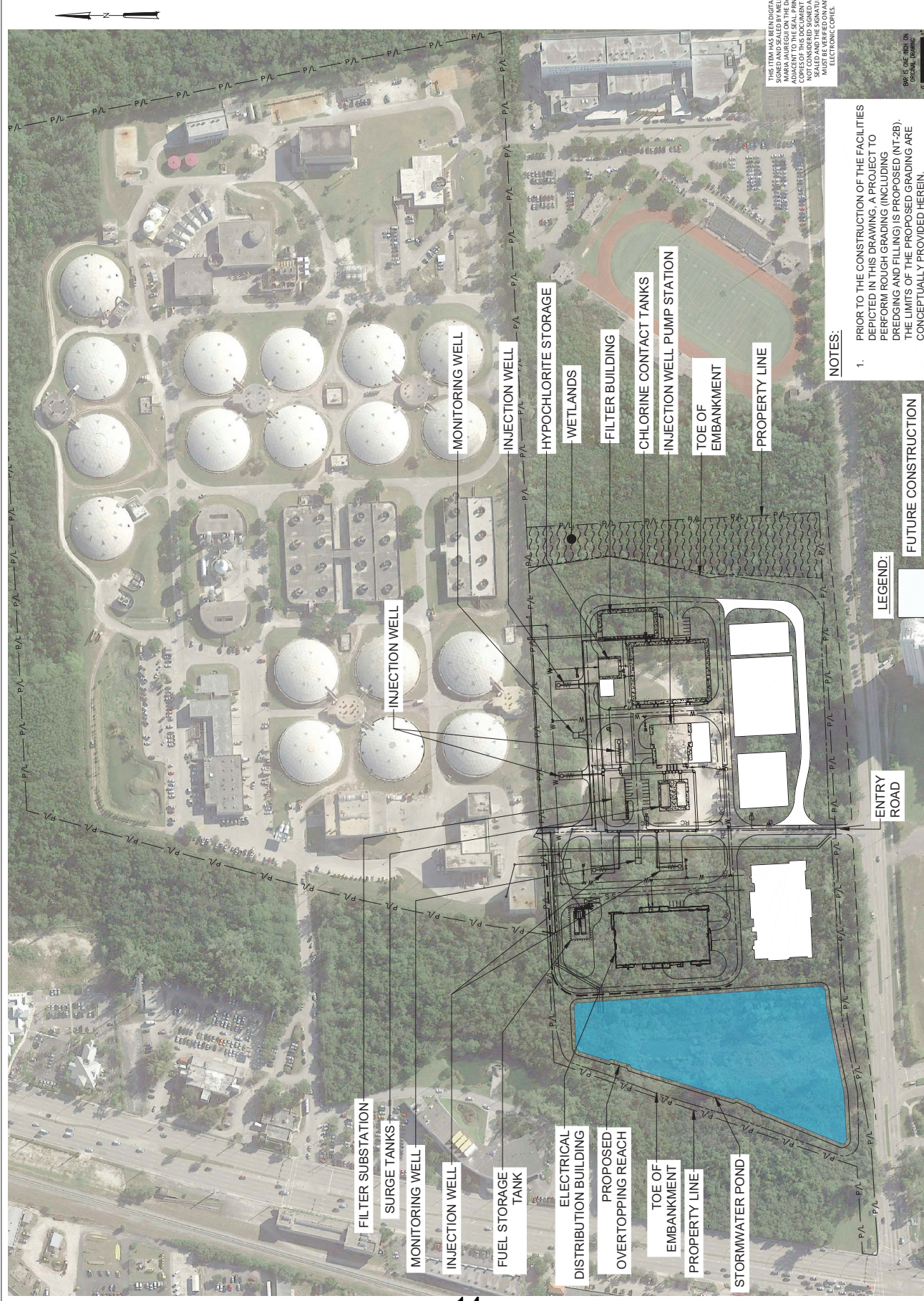
AREA 2

AREA 1

EXISTING WETLANDS

EXISTING STAGING AREA

EXISTING WETLANDS



NOTES:

1. PRIOR TO THE CONSTRUCTION OF THE FACILITIES DEPICTED IN THIS DRAWING, A PROJECT TO PERFORM ROUGH GRADING (INCLUDING DREDGING AND FILLING) IS PROPOSED (NT-2B). THE LIMITS OF THE PROPOSED GRADING ARE CONCEPTUALLY PROVIDED HEREIN.

LEGEND:

☐ FUTURE CONSTRUCTION

THIS ITEM HAS BEEN DIGITALLY SIGNED BY THE DESIGNER AND IS ADJACENT TO THE SEAL PRINTED ON THE DATE OF THE SIGNATURE. IT IS NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE OF THE DESIGNER OR ANY ELECTRONIC COPY.

REV. NO. 000001 PLOTS NO. 0001
REV. NAME 48000-022-003
DATE 11/15/2021 SCALE 1" = 115'

SHEET: C-03
DWG.: 4 OF 8



DRAWING ISSUED	
REVISION NO.	DESCRIPTION
1	FINAL P/L
2	FINAL P/L
3	FINAL P/L
4	FINAL P/L
5	FINAL P/L
6	FINAL P/L
7	FINAL P/L
8	FINAL P/L

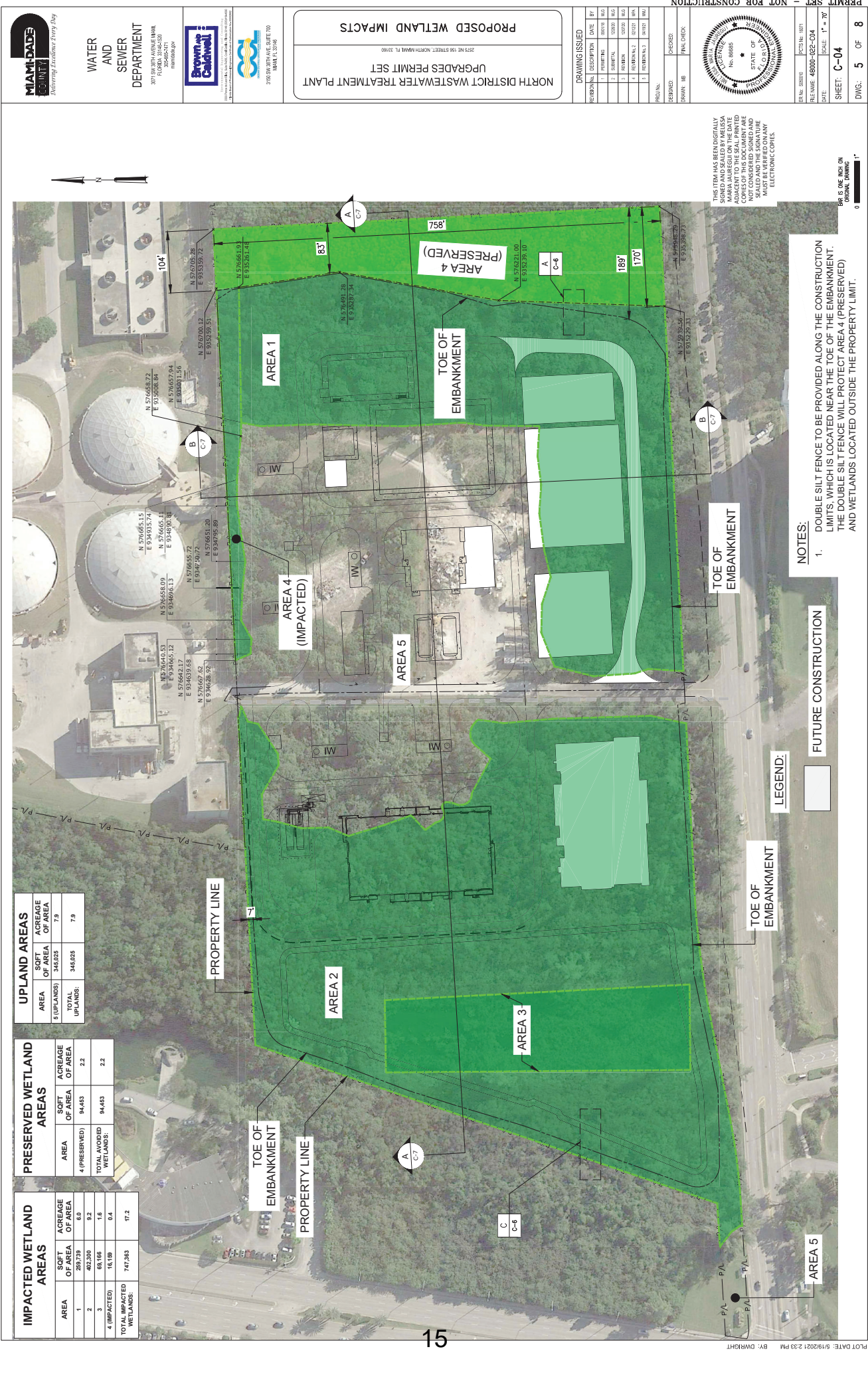
PROPOSED SITE PLAN

NORTH DISTRICT WASTEWATER TREATMENT PLANT
UPGRADE PERMIT SET

2075 N.E. 166 STREET, NORTH MIAMI FL, 33160

MIAMI-DADE COUNTY
WATER AND SEWER DEPARTMENT
3700 SW 30TH AVENUE, SUITE 700
MIAMI, FL 33135
TEL: 305-375-2000
WWW.MIAMIDADEGOV.GOV

Brown & Caldwell
3100 SW 30TH AVENUE, SUITE 700
MIAMI, FL 33135
TEL: 305-375-2000
WWW.BROWNANDCALLEWELL.COM



UPLAND AREAS		
AREA	SOFT OF AREA	ACREAGE OF AREA
5 (UPLANDS)	346,025	7.9
TOTAL UPLANDS:	346,025	7.9

PRESERVED WETLAND AREAS		
AREA	SOFT OF AREA	ACREAGE OF AREA
4 (PRESERVED)	94,453	2.2
TOTAL AVOIDED WETLANDS:	94,453	2.2

IMPACTED WETLAND AREAS		
AREA	SOFT OF AREA	ACREAGE OF AREA
1	287,738	6.6
2	402,306	9.2
3	68,166	1.6
4 (IMPACTED)	16,189	0.4
TOTAL IMPACTED WETLANDS:	774,399	17.2

NOTES:

1. DOUBLE SILT FENCE TO BE PROVIDED ALONG THE CONSTRUCTION LIMITS, WHICH IS LOCATED NEAR THE TOE OF THE EMBANKMENT. THE DOUBLE SILT FENCE WILL PROTECT AREA 4 (PRESERVED) AND WETLANDS LOCATED OUTSIDE THE PROPERTY LIMIT.

FUTURE CONSTRUCTION

LEGEND:

TOE OF EMBANKMENT

THIS ITEM HAS BEEN DIGITALLY
SIGNED BY THE DESIGNER
ADJACENT TO THE SEAL PRINTED
ON THE DATE OF THE SEALING
AND THE SIGNATURE
WILL BE VALID FOR ANY
ELECTRONIC CONVEYANCE



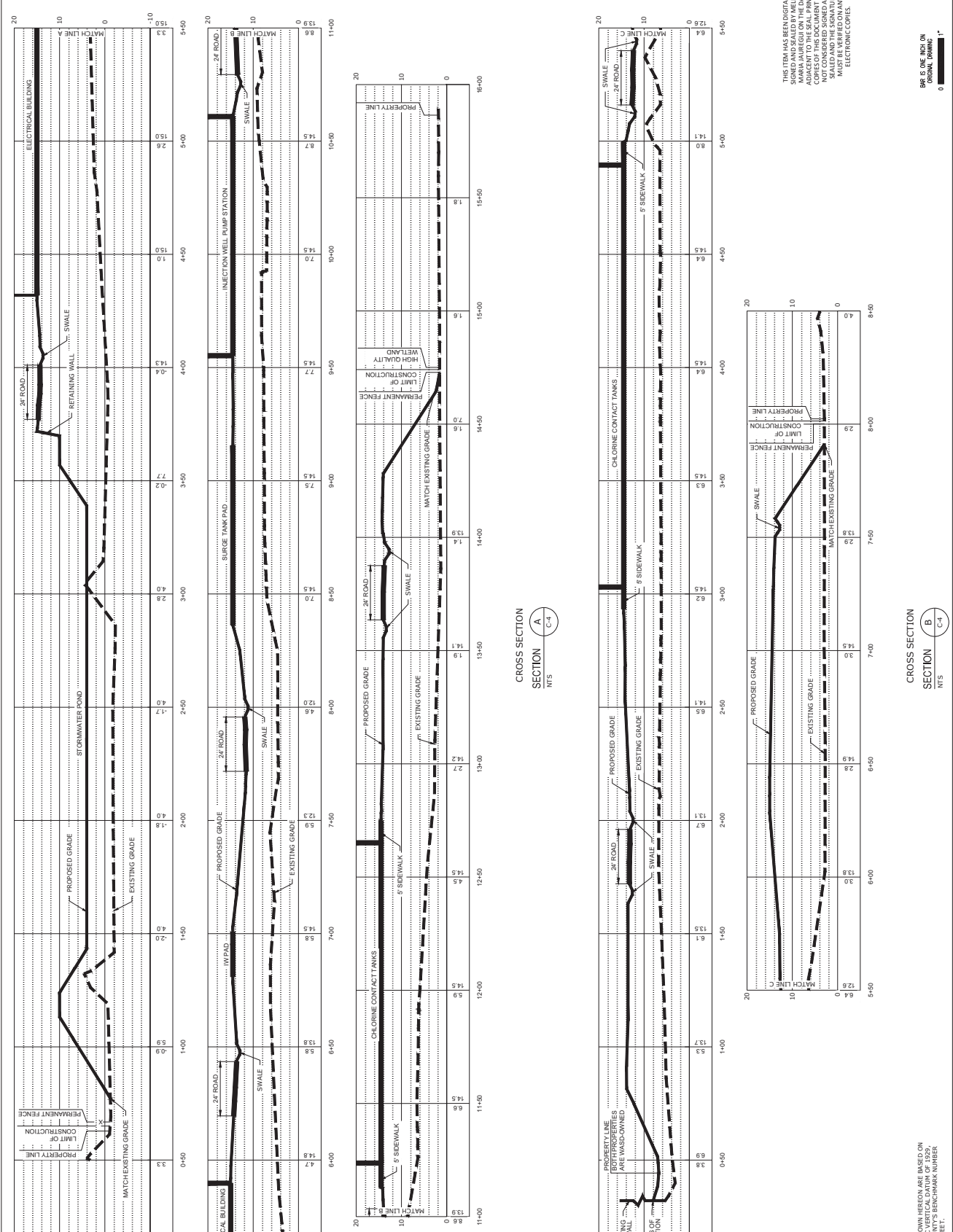
PERMIT SET	NOT FOR CONSTRUCTION
REV. NO.	000001
DATE	02/28/2024
SCALE	1" = 30'
SHEET	C-04
DWG.	5 OF 8

NO.	DESCRIPTION	DATE	BY
1	PREP. FILE	08/07/19	MAS
2	REVISION	02/28/24	MAS
3	REVISION	02/28/24	MAS
4	REVISION	02/28/24	MAS
5	REVISION	02/28/24	MAS

NORTH DISTRICT WASTEWATER TREATMENT PLANT
UPGRADE PERMIT SET
2075 NE 156 STREET, NORTH MIAMI, FL 33160
PROPOSED WETLAND IMPACTS



MIAMI-DADES COUNTY
WATER AND SEWER DEPARTMENT
3701 SW 30TH AVENUE, SUITE 700
MIAMI, FL 33135
2024-02-28



MIAMI-DADE COUNTY
Water and Sewer Department

301 SW 3RD AVENUE, 3RD FLOOR
MIAMI, FL 33134
305-375-2000
www.miamidade.gov

SECTIONS

NORTH DISTRICT WASTEWATER TREATMENT PLANT
UPGRADE PERMIT SET

2015 N.E. 166 STREET, NORTH MIAMI, FL 33166

NO.	DESCRIPTION	DATE	BY
1	PRELIM	08/19/18	MAS
1	REVISION	02/22/19	MAS
1	REVISION	02/22/19	MAS
1	REVISION	02/22/19	MAS

DRAWING ISSUED

PERMIT SET - NOT FOR CONSTRUCTION

NO. 48000-022-007

DATE: 02/22/19

SHEET: C-07

DWG.: 8 OF 8

NOTES:

1. ELEVATIONS ARE SHOWN HEREON. ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, AS PER MIAMI-DADE COUNTY'S BENCHMARK NUMBER 14-506, BEING 10.17 ± FEET.

Attachment C

Names and Addresses of Owners of All Riparian or Wetland Property within Three Hundred (300) Feet of the Proposed Work

142 Realty LLLP
15100 Biscayne Boulevard
North Miami Beach, FL 33160

142 Realty LLLP
15180 Biscayne Boulevard
North Miami Beach, FL 33160

142 Realty LLLP
15200 Biscayne Boulevard
North Miami Beach, FL 33160

142 Realty LLLP
15203 Biscayne Boulevard
North Miami Beach, FL 33160

FLC Biscayne Blvd LLC
15090 Biscayne Boulevard
North Miami Beach, FL 33181

MDC GSA R/E MGMT
N Dade Justice Center
15555 Biscayne Boulevard
North Miami, FL 33160

City of North Miami Finance Dept.
Biscayne Landing
15055 Biscayne Boulevard
North Miami, FL 33181

City of North Miami
2555 NE 151 Street
North Miami, FL 33160

One Fifty at Biscayne Condominium
2380 Royal Oaks Lane
North Miami, FL 33181

One Fifty at Biscayne Condominium
14851 Royal Oaks Lane
North Miami, FL 33181

Prestige Imports Outparcel LLC
15050 Biscayne Boulevard
North Miami Beach, FL 33181

TIITF/DNR Rec & Parks
2701 NE 151 Street
North Miami, FL 33160

Attachment D

DERM Project Report

CLASS I PERMIT APPLICATION NO. CLI-2020-0395

Class I Permit Application by Miami-Dade County, through its Water and Sewer Department,
for the Filling of 17.2 Acres of Coastal Wetlands in Association with the North District
Wastewater Treatment Plant Expansion located at 2575 NE 151st Street, North Miami, Miami-
Dade County, Florida

DATE: April 26, 2022

Staff's recommendation of approval for the above-referenced permit application is based on the applicable evaluation factors under Section 24-48.3 of the Code of Miami-Dade County, Florida (Code). The following is a summary and staff's opinion to its conformance with respect to each applicable evaluation factor:

1. **Potential Adverse Environmental Impact** – Pursuant to Section 24-48.4 of the Code, potential adverse environmental impacts and cumulative adverse environmental impacts for a proposed project must be avoided and minimized. Section 24-48.4 of the Code also requires mitigation for permittable projects that otherwise result in adverse environmental impacts. The project has been designed to only result in impacts to the exotic-dominated wetlands while preserving the higher quality wetlands onsite. The proposed fill would be wholly contained on the property and proper turbidity and erosion controls, including silt fencing, would be maintained throughout the duration of construction operations to ensure no unauthorized impacts occur. In addition, the fill would be compacted and the appropriate side slopes would be installed upon completion of the project to prevent fill erosion into the adjacent wetlands. Furthermore, the project area would be maintained free of exotic pest plants and nuisance species in accordance with the Class I permit conditions. To mitigate for otherwise permittable impacts to wetlands, the Applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which would restore, enhance, and preserve coastal wetlands in accordance with federal, State and local regulations.
2. **Potential Cumulative Adverse Environmental Impact** – The proposed project is not reasonably expected to result in cumulative adverse environmental impacts as set forth in Number 1 above.
3. **Hydrology** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
4. **Water Quality** – The proposed fill would be wholly contained on the property. Any temporary water quality impacts as a result of the construction activities would be minimized through the implementation of proper turbidity controls, including silt fencing, throughout construction operations to ensure that State and County water quality standards are met.
5. **Wellfields** – The proposed project is not reasonably expected to adversely affect wellfields.
6. **Water Supply** – The proposed project is not reasonably expected to adversely affect water supply.
7. **Aquifer Recharge** – The proposed project is not reasonably expected to adversely affect aquifer recharge.
8. **Aesthetics** – The proposed project is not reasonably expected to adversely affect aesthetics.
9. **Navigation** – The proposed project is not reasonably expected to adversely affect navigation.
10. **Public Health** - The proposed project is not reasonably expected to adversely affect public health.
11. **Historic Values** - The proposed project is not reasonably expected to adversely affect historic values.
12. **Archaeological Values** - The proposed project is not reasonably expected to adversely affect archaeological values.

13. **Air Quality** – The proposed project is not reasonably expected to adversely affect air quality.
14. **Marine and Wildlife Habitats** – The proposed project is not reasonably expected to adversely affect marine and wildlife habitats as set forth in Number 1 above.
15. **Wetland Soils Suitable for Habitat** – The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
16. **Floral Values** – The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
17. **Fauna Values** - The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
18. **Rare, Threatened and Endangered Species** – The proposed project is not reasonably expected to adversely affect rare, threatened and endangered species.
19. **Natural Flood Damage Protection** - The proposed project is not reasonably expected to adversely affect surface water drainage or retention of stormwater.
20. **Wetland Values** – The proposed project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.
21. **Land Use Classification** – Pursuant to Section 24-48.2(II)(B)(7) of the Code, Florida, applications for Class I permits by the Miami-Dade County within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the local zoning authority.
22. **Recreation** - The proposed project does not conflict with the recreation element of the Miami-Dade County Comprehensive Development Master Plan.
23. **Other Environmental Values Affecting the Public Interest** – The proposed project is not reasonably expected to adversely affect other environmental values affecting the public interest. The proposed project would occur on lands owned by the applicant.
24. **Conformance with Standard Construction Procedures and Practices and Design and Performance Standards** – The proposed project complies with the standard construction procedures and practices and design and performance standards of the applicable portions of the Code of Miami-Dade County and the Miami-Dade County Public Works Manual.
25. **Comprehensive Environmental Impact Statement (CEIS)** - In the opinion of the Director, the proposed project is not reasonably expected to result in significant adverse environmental impacts or cumulative adverse environmental impacts. Therefore, a CEIS was not required by DERM to evaluate the project.
26. **Conformance with All Applicable Federal, State and Local Laws and Regulations** - The proposed project is in conformance with applicable State, Federal and local laws and regulations:
 - a) Chapter 24 of the Code of Miami-Dade County
 - b) United States Clean Water Act (U.S. Army Corps of Engineers permit is required)
 - c) Florida Department of Environmental Protection (permit is required)

27. **Conformance with the Miami-Dade County Comprehensive Development Master Plan (CDMP)** - In the opinion of the Director, the proposed project is consistent, as required by CDMP policy LU-3A, with the goals, objectives and policies contained in the Conservation, Aquifer Recharge and Drainage and Coastal Management Elements of this Plan, and with all applicable environmental regulations, as well as other elements of the CDMP. The following is a summary of the proposed project as it relates to the CDMP.

LAND USE ELEMENT I:

Objective 3/Policies 3A, 3B, 3C - Protection of natural resources and systems. – The proposed project is consistent with all applicable environmental regulations, is compatible with surrounding land uses in Biscayne Bay and does not involve development in the Big Cypress area of Critical State Concern or the East Everglades.

TRANSPORTATION ELEMENT II

Aviation Subelement/Objective AV-5A - Aviation System Expansion - There is no aviation element to the proposed project.

Port of Miami River Subelement/Objective 3 - Minimization of impacts to estuarine water quality and marine resources. The project is not located within the Miami River.

CONSERVATION, AQUIFER RECHARGES AND DRAINAGE ELEMENT IV:

Objective 3/Policies 3A, 3B, 3D - Wellfield protection area protection. - The proposed project is not located within a wellfield protection area.

Objective 3/Policy 3E - Limestone mining within the area bounded by the Florida Turnpike, the Miami-Dade/ Broward Levee, N.W. 12 Street and Okeechobee Road. - The proposed project is not located within this area.

Objective 4/Policies 4A, 4B, 4C - Water storage, aquifer recharge potential and maintenance of natural surface water drainage. - The proposed project is not reasonably expected to adversely affect water storage, aquifer recharge potential or natural surface water drainage.

Objective 5/Policies 5A, 5B, 5F - Flood protection and cut and fill criteria – The proposed project would not compromise flood protection.

Objective 6/Policy 6A - Areas of highest suitability for mineral extraction. - The proposed project is not located in an area proposed or suitable for mineral extraction.

Objective 6/Policy 6B - Guidelines for rock quarries for the re-establishment of native flora and fauna. - The proposed project is not located in a rock quarry.

Objective 7/Policy 7A, 7C, 7D, 7J - Wetland protection and restoration. – The proposed filling work would increase the elevation of the property and facilitate the expansion of the existing wastewater treatment plant and enable the plant to accommodate the increasing population within Miami-Dade County. Therefore, the proposed work is consistent with the CDMP as the work is clearly in the public interest and is in a location where no reasonable upland alternative exists. To mitigate for otherwise permissible impacts to wetlands, the Applicant has proposed the purchase of saltwater mitigation bank credits from the Florida Power and Light Company's Everglades Mitigation Bank (FPL EMB), which would restore, enhance, and preserve coastal wetlands in accordance with federal, State and local regulations.

Objective 9/Policies 9A, 9B, 9C - Protection of habitat critical to Federal or State-designated threatened or endangered species. – The proposed project is not reasonably expected to adversely affect habitat critical to Federal or State-designated threatened or endangered species.

COASTAL MANAGEMENT ELEMENT VII:

Objective 1/Policy 1A – Mangrove wetlands within Mangrove Protection Areas – The proposed work is clearly in the public interest and is in a location where no reasonable upland alternative exists. The proposed filling work would increase the elevation of the property and facilitate the expansion of the existing treatment plant and enable the plant to accommodate the increasing population within Miami-Dade County. In addition, the expansion of the existing treatment facility would enable the Applicant to comply with the Ocean Outfall Legislation which requires the County to cease the use of ocean outfalls as a primary disposal method for domestic wastewater. The proposed filling has been minimized and would be done in a manner that preserves the function of the adjacent higher quality mangrove system and would not adversely affect habitat.

Objective 1/ Policy 1B - Natural surface flow into and through coastal wetlands. – The wetlands proposed to be impacted are surrounded by uplands therefore it is not reasonably anticipated that the project will have an affect on natural surface flow into and through adjacent coastal wetlands.

Objective 1/ Policy 1C - Elevated boardwalk access through mangroves. – The proposed project does not involve the construction of an elevated walkway through mangroves.

Objective 1/Policy 1D - Protection and maintenance of mangrove forests and related natural vegetational communities. - The project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.

Objective 1/Policy 1E - Mitigation for the degradation and destruction of coastal wetlands. Monitoring and maintenance of mitigation areas. – The project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.

Objective 1/Policy 1G - Prohibition on dredging or filling of grass/algal flats, hard bottom or other viable benthic communities, except as provided for in Chapter 24 of the Code of Miami-Dade County, Florida. – The proposed project does not involve dredging or filling of grass/algal flats, hard bottom, or other viable benthic communities.

Objective 2/Policies 2A, 2B - Beach restoration and renourishment objectives. - The proposed project does not involve beach restoration or renourishment.

Objective 3/Policies 3E, 3F - Location of new cut and spoil areas for proper stabilization and minimization of damages. - The proposed project does not involve the development or identification of new cut or spoil areas.

Objective 4/Policy 4A, 4C, 4E, 4F – Protection of endangered or threatened animal species. – The proposed project is not reasonably expected to result in impacts to endangered or threatened species.

Objective 5/Policy 5B - Existing and new areas for water-dependent uses. - The proposed project does not involve a water-dependent use.

Objective 5/Policy 5D - Consistency with Chapter 33D, Miami-Dade County Code. (shoreline access, environmental compatibility of shoreline development) – The proposed project does not meet the thresholds for review by the Shoreline Development Review Committee under the Shoreline Ordinance; the project is not subject to shoreline development review.

Objective 5/Policy 5F - The siting of water dependent facilities. - The proposed project does not involve the creation of new water dependent facilities.

28. **Conformance with Chapter 33B, Code of Miami-Dade County** (East Everglades Zoning Overlay Ordinance) – The proposed project is not located within the East Everglades Area.

29. **Conformance with Miami-Dade County Ordinance 81-19** (Biscayne Bay Management Plan Sections 33D-1 through 33D-4 of the Code of Miami-Dade County) - The proposed project is not located within the Biscayne Bay Aquatic Preserve.

30. **Conformance with the Miami-Dade County Manatee Protection Plan** - The MPP is not applicable to the proposed project.

31. **Consistency with Miami-Dade County Criteria for Lake Excavation** – The proposed project does not involve lake excavation.

32. **Zoning Recommendation** – Pursuant to Section 24-48.2(II)(B)(7) of the Code, Florida, applications for Class I permits by the Miami-Dade County within its own jurisdiction shall not be required to submit a substantiating letter or plan approval from the local zoning authority.

33. **Coastal Resources Management Line** - A coastal resources management line was not required for the proposed project, pursuant to Section 24-48.2(II)(B)(10)(b) of the Code of Miami-Dade County.

34. **Maximum Protection of a Wetland's Hydrological and Biological Functions** – The project involves the filling of wetlands which would be mitigated as set forth in Number 1 above.

35. **Class I Permit Applications Proposing to Exceed the Boundaries Described in Section D-5.03(2)(a) of the Miami-Dade County Public Works Manual** – Not applicable.

The proposed project was also evaluated for compliance with the standards contained in Sections 2448.3(2), (3), and (4) of the Code of Miami-Dade County, Florida. The following is a summary of how the standards relate to the proposed project:

24-48.3 (2) Dredging and Filling for Class I Permit – The proposed project complies with the following criteria:

(a) Minimum dredging and spoiling for public navigation or public necessity.

24-48.3 (3) Minimum Water Depth Required for Boat Slips Created by the Construction or Placement of Fixed or Floating Docks and Piers, Piles and Other Structures Requiring a Permit Under Article IV, Division 1 of Chapter 24 of the Code of Miami-Dade County – The Code-required water depth criteria is not applicable to the proposed project.

24-48.3 (4) Clean Fill in Wetlands – The project involves the filling of wetlands; all fill would meet the definition of clean fill as defined in Section 24-5 of the Code of Miami-Dade County.

BASED ON THE FOREGOING, IT IS RECOMMENDED THAT A CLASS I PERMIT BE APPROVED.



McKee Gray, Manager
Coastal Resources Section



Samantha Tiffany, Biologist II
Coastal Resources Section



MEMORANDUM (Revised)

TO: Honorable Chairman Jose "Pepe" Diaz
and Members, Board of County Commissioners

DATE: June 14, 2022

FROM: 
Gen Bonzon-Keenan
County Attorney

SUBJECT: Agenda Item No. 5(J)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Statement of social equity required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☒ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's present ____, 2/3 membership ____, 3/5's ____, unanimous ____, CDMP 7 vote requirement per 2-116.1(3)(h) or (4)(c) ____, CDMP 2/3 vote requirement per 2-116.1(3)(h) or (4)(c) ____, or CDMP 9 vote requirement per 2-116.1(4)(c)(2) ____ to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(J)
6-14-22

RESOLUTION NO. _____ R-573-22

RESOLUTION TAKING ACTION ON A CLASS I PERMIT APPLICATION BY MIAMI-DADE COUNTY, THROUGH ITS WATER AND SEWER DEPARTMENT FOR THE FILLING OF 17.2 ACRES OF COASTAL WETLANDS IN ASSOCIATION WITH THE NORTH DISTRICT WASTEWATER TREATMENT PLANT EXPANSION, LOCATED AT 2575 NE 151ST STREET, NORTH MIAMI, MIAMI-DADE COUNTY, FLORIDA

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board having considered all the applicable factors contained within section 24-48.3 of the Code of Miami-Dade County, hereby approves the application by Miami-Dade County, through its Water and Sewer Department, for the filling of 17.2 acres of coastal wetlands in association with the North District Wastewater Treatment Plant expansion located at 2575 NE 151st Street, North Miami, Miami-Dade County, Florida, subject to the conditions set forth in the memorandum from the Miami-Dade County Department of Regulatory and Economic Resources, a copy of which is attached hereto and made a part hereof. The issuance of this approval does not relieve the applicant from obtaining all applicable Federal, State, and local permits.

The foregoing resolution was offered by Commissioner **Sally A. Heyman** , who moved its adoption. The motion was seconded by Commissioner **Rebeca Sosa** and upon being put to a vote, the vote was as follows:

Jose "Pepe" Diaz, Chairman	aye		
Oliver G. Gilbert, III, Vice-Chairman	absent		
Sen. René García	aye	Keon Hardemon	absent
Sally A. Heyman	aye	Danielle Cohen Higgins	aye
Eileen Higgins	aye	Joe A. Martinez	aye
Kionne L. McGhee	absent	Jean Monestime	absent
Raquel A. Regalado	aye	Rebeca Sosa	aye
Sen. Javier D. Souto	aye		

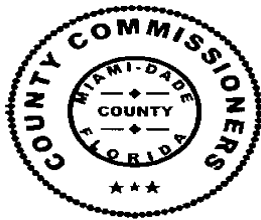
The Chairperson thereupon declared this resolution duly passed and adopted this 14th day of June, 2022. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

Basia Pruna

By: _____
Deputy Clerk



Approved by County Attorney as
to form and legal sufficiency.

CJW

Christopher J. Wahl
Abbie Schwaderer-Raurell