



FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government St., Suite 308
Pensacola, FL 32502

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Alexis A. Lambert
Secretary

February 10, 2025

BY ELECTRONIC MAIL

(Manager@townofhavana.com)

MINOR PERMIT REVISION

Town of Havana
By: Kendrah Wilkerson, Town Manager
711 North Main Street
Havana, Florida 32333

Havana WWTF
Permit Number: FLA100765-008-DW2P
Revision File No.: FLA100765-011-DW2

Dear Mrs. Wilkerson:

This letter serves as a minor permit revision to the Havana Wastewater Treatment Facility (WWTF), Permit No. FLA100765-008-DW2P, issued on May 19, 2022 and effective May 19, 2022. This letter is to advise you that your request is hereby approved.

This permit revision is assigned File No. FLA100765-011-DW2, and the following minor facility modifications are approved.

This modification to the treatment facility incorporates the existing emergency overflow manual bar screens and horizontal grit chambers into the permit. These components from the facility's old headworks were re-purposed for emergency overflow and intended for inclusion in the permit FLA100765-008-DW2P. The emergency overflow pipe at the influent pump station conveys flow into the old headworks, which splits into two channels. Each channel is equipped with manually cleaned angled bar screens with 1-inch spacing and a grit channel. A 4-inch gap above the screens allows overflow into the grit channels if they become blocked by debris. The reduced velocity within the grit channels allows heavier sand and grit to settle at the bottom. The two channels converge, combining the flow, which subsequently enters the pipe leading to the emergency influent pre-equalization basin. Once the wet weather event ceases and the emergency overflow is no longer in use, the sand can be shoveled out of the channels into the drainage area between them. After the sand and grit have dried, they are removed, placed in dumpsters, and disposed of in an approved landfill.

All other monitoring requirements, permit limits, and the permit expiration date in the current permit remain unchanged. This letter shall be attached to and become part of Wastewater Permit File No. FLA100765-008-DW2P.

If you have any questions concerning this permit minor revision, please contact Philip Bailey at email address philip.bailey@floridadep.gov or phone number 850-595-0629.

Sincerely,



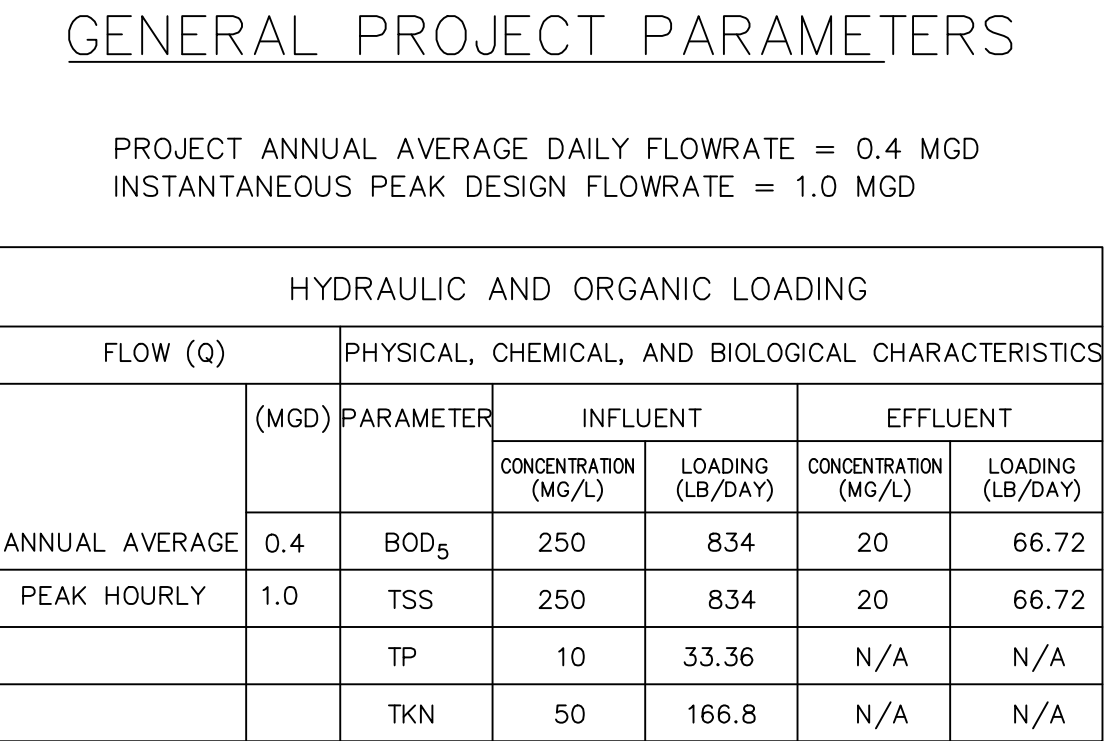
William A. Evans, P.E.
Water and Wastewater Permitting Manager

Attachments(s):

1. Process Flow Diagram w/ updated Emergency Overflow headworks
2. Site Plan w/ updated Emergency Overflow headworks








cc:

Douglas Brown, P.E., Mott MacDonald (Douglas.Brown@mottmac.com)

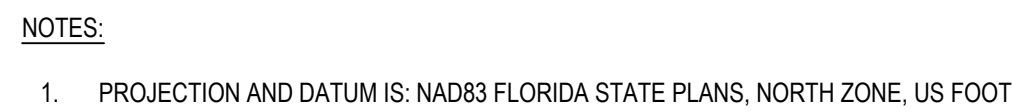


HYDRAULIC AND ORGANIC LOADING						
FLOW (Q)		PHYSICAL, CHEMICAL, AND BIOLOGICAL CHARACTERISTICS				
	(MGD)	PARAMETER	INFLUENT		EFFLUENT	
			CONCENTRATION (MG/L)	LOADING (LB/DAY)	CONCENTRATION (MG/L)	LOADING (LB/DAY)
ANNUAL AVERAGE	0.4	BOD ₅	250	834	20	66.72
PEAK HOURLY	1.0	BOD ₅	250	834	20	66.72
		TSS	10	33.36	N/A	N/A
		TKN	50	166.8	N/A	N/A

LEGEND

	STRUCTURES
	PIPING
	ELECTRIC ACTUATED VALVE
	VALVE
	SAMPLE POINT
	CHLORINE FEED POINT
	DRAIN PIPING WITH DIRECTION

NO.	BY	DATE	SYMBOL	REVISIONS	<div><div>M</div><div>M</div><div>MOTT</div><div>MACDONALD</div><div>Mott MacDonald Florida, LLC</div></div>	<div>Architects Engineers Surveyors</div> <div>AA - C0000035 EB - 0000155 LB - 0006783</div> <div>1545 Raymond Diehl Road, Suite 200</div> <div>Tallahassee, Florida 32308</div> <div>Telephone: (850) 222-0334</div>	DESIGNER:	DESIGN ENGINEER	<div>TOWN OF HAVANA WASTEWATER</div> <div>TREATMENT PLANT</div>	<div>PLANT PROCESS FLOW DIAGRAM</div>	SHEET NO.
6.				DRAWN BY:				DWG. NO.			
5.				DATE:							
4.				CHECKED BY:			FLORIDA REGISTRATION NO.				
3.				DATE:							
2.											
1.											



© Mott MacDonald

This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose. We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.