



Project Report

March 8, 2023

PROJECT TITLE	High Rate Infiltration Basin Permitting		
FISCAL YEAR FUNDED	FY2020 & FY2022 (Departmental Budget)		
CATEGORY	Sewer		
STARTING PROJECT BUDGET	\$10,000		
CURRENT PROJECT BUDGET	\$174,800		
<input type="checkbox"/> MASTER PLAN?	<input checked="" type="checkbox"/> GROWTH RELATED?	<input type="checkbox"/> SERVICE RELATED?	

Project Description

SUMMARY STATEMENT

The developer of the Beau Coast residential development was issued a permit to construct and operate package wastewater treatment plant and high-rate infiltration facilities to serve the planned development on February 8, 2008. The high-rate infiltration basin (HRIB) was designed as a single pond with a capacity of 350,000 gallons per day (gpd) to received treated effluent from the packaged wastewater treatment plant. The developer's permit was subsequently modified on June 22, 2009 to remove the previously permitted wastewater treatment package plant and to change the source of effluent for disposal in the basin to the Town of Beaufort's treatment facility. The permit was again modified on February 12, 2014 such that the Town became the permittee. The permit subsequently expired on December 31, 2016. As such, the goal of this "project" is to acquire a new permit. To achieve this goal, groundwater monitoring and hydraulic modeling must be performed. Design plans for the basin will also need to be developed thereafter. A permitting package will then be assembled consisting of the monitoring and modeling findings, the design plans and the required application forms.

✓ Task Checklist

CHECKLIST ITEMS	
<input checked="" type="checkbox"/>	Planning
<input checked="" type="checkbox"/>	Design
<input checked="" type="checkbox"/>	Permitting
<input type="checkbox"/>	Bid
<input type="checkbox"/>	Construction Contract Award/Execution
<input type="checkbox"/>	Construction
<input type="checkbox"/>	Closeout
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	



Task Timelines & Comments

PROJECTED START	ACTUAL START	PROJECTED COMPLETION	ACTUAL COMPLETION	COMMENTS
-	May 14, 2020	-	October 19, 2021	Infiltration Capacity Analysis Report issued.
-	January 11, 2022	June 10, 2022	March 6, 2023	
June 13, 2022	March 7, 2023	November 7, 2022		See "Status Summary" below
				Date not set for start of construction of project
				(12-MONTH construction anticipated)

Status Summary

Project is not as far along as was anticipated upon its start. As of March 8, 2023 a correspondence has been submitted to the U.S. Army Corps of Engineers requesting that not wetlands-type permit will be need for the project. A letter is also expected to be sent by March 10th to the N.C. Division of Energy, Mining, and Land Resources (DEMLR) Stormwater Program requesting confirmation that a stormwater permit will not be needed for the planned facility. Submission of a Non-Discharge Permit application to include various supporting documents to the Non-Discharge Permitting Unit of the N.C. Division of water Resources is expected by March 20th. The authorization of a erosion control and sedimentation plan is expected to be submitted to DEMLR within the next 30 days if deemed appropriate.



Key Contacts

NAME	TITLE
Gregory K. Meshaw, PE	Town Engineer/Public Svcs Dir

EMAIL	PHONE
g.meshaw@beaufortnc.org	(252) 528-8769