



# Project Report

September 8, 2022

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" will be to acquire a new permit. To achieve this goal, groundwater monitoring and hydraulic modeling will need to 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		90 percent design plans received for review
June 13, 2022		November 7, 2022		

## Status Summary

Project is not as far along as was anticipated upon its start. Town staff is currently reviewing 90 percent plans and will provide comments to the Town's consultant when complete. Additional funds will need to be authorized for the permitting phase.



## Key Contacts

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

EMAIL	PHONE
<a href="mailto:g.meshaw@beaufortnc.org">g.meshaw@beaufortnc.org</a>	(252) 528-8769