



Public Services
Engineering
212 Operations Center Drive
Wilmington, NC 28412
910 341-7807
910 341-5881 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

March 27, 2020

Mr. Robert Pitts, CEO
Wilmington Treatment Center
2520 Troy Drive
Wilmington, NC 28401

**Subject: Stormwater Management Permit No. 2017032R3
Wilmington Treatment Center Partial Hospitalization Center and Dorms
High Density Development**

Dear Mr. Pitts:

The City of Wilmington Engineering Division has received a request for a revision to the Stormwater Management Permit for Wilmington Treatment Center Partial Hospitalization Center and Dorms. Having reviewed the application and all supporting materials, the City of Wilmington has determined that the proposed revision meets the requirements of the City of Wilmington's Comprehensive Stormwater Ordinance.

The revisions include:

-Construction of Phase II dorms (within future impervious allocation)

Please be aware all terms and conditions of the permit Issued on August 7, 2017 remain in full force and effect. Any additional changes to the approved plans must be approved by this office prior to construction. The issuance of the plan revision does not preclude the permittee from complying with all other applicable statutes, rules, regulations or ordinances which may have jurisdiction over the proposed activity, and obtaining a permit or approval prior to construction.

The revised stamped, approved stormwater management drawings will be released for construction by the Wilmington Planning Division under separate cover. Please replace any old plan sheets from the approved set with the new, revised sheet. An electronic copy of the approved drawing set, permit, application and supplementary documents will be maintained by the Wilmington Engineering Division. If you have any questions, or need additional information, please contact Trent Butler at (910) 341-0094 or trent.butler@wilmingtonnc.gov

Sincerely,

A handwritten signature in blue ink that reads "Trent Butler".

for Sterling Cheatham, City Manager
City of Wilmington

cc: Colton, Dorris, Ingram Civil Engineering Group
Patrick O'Mahony, Associate Planner, City of Wilmington



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STORMWATER MANAGEMENT PERMIT APPLICATION FORM
(Form SWP 2.2)

I. GENERAL INFORMATION

1. Project Name (subdivision, facility, or establishment name - should be consistent with project name on plans, specifications, letters, operation and maintenance agreements, etc.):

Wilmington Treatment Center PHC and Dorms

2. Location of Project (street address):

820 Reflections Loop

City: Wilmington County: New Hanover Zip: 28412

3. Directions to project (from nearest major intersection):

South approximately 875 feet from the intersection of Hwy 421(Carolina Beach Road)
and Hwy 117 (Shipyard Blvd) on the left.

II. PERMIT INFORMATION

1. Specify the type of project (check one): Low Density High Density
Drains to an Offsite Stormwater System Drainage Plan Other
If the project drains to an Offsite System, list the Stormwater Permit Number(s):

City of Wilmington: _____ State – NCDENR/DWQ: _____

2. Is the project currently covered (whole or in part) by an existing City or State (NCDENR/DWQ) Stormwater Permit? Yes No

If yes, list all applicable Stormwater Permit Numbers:

City of Wilmington: 2017032R2 State – NCDENR/DWQ: _____

3. Additional Project Permit Requirements (check all applicable):

CAMA Major Sedimentation/Erosion Control

NPDES Industrial Stormwater 404/401 Permit: Proposed Impacts: _____

If any of these permits have already been acquired please provide the Project Name, Project/Permit Number, issue date and the type of each permit:

III. CONTACT INFORMATION

1. Print Applicant / Signing Official's name and title (specifically the developer, property owner, lessee, designated government official, individual, etc. who owns the project):

Applicant / Organization: Wilmington Treatment Center
Signing Official & Title: Robert Pitts, CEO

- a. Contact information for Applicant / Signing Official:

Street Address: 2520 Troy Drive
City: Wilmington State: NC Zip: 28401
Phone: 910-815-3336 Fax: 910-815-6743 Email: robert.pitts@wilmingtontreatment.com
Mailing Address (if different than physical address): 309 Raleigh Street, Suite C
City: Wilmington State: NC Zip: 28412

- b. Please check the appropriate box. The applicant listed above is:

- The property owner (Skip to item 3)
Lessee* (Attach a copy of the lease agreement and complete items 2 and 2a below)
Purchaser* (Attach a copy of the pending sales agreement and complete items 2 and 2a below)
Developer* (Complete items 2 and 2a below.)

2. Print Property Owner's name and title below, if you are the lessee, purchaser, or developer. (This is the person who owns the property that the project is on.)

Property Owner / Organization: _____
Signing Official & Title: _____

- a. Contact information for Property Owner:

Street Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____ Email: _____
Mailing Address (if different than physical address): _____
City: _____ State: _____ Zip: _____

3. (Optional) Print the name and title of another contact such as the project's construction supervisor or another person who can answer questions about the project:

Other Contact Person / Organization: Sam Bohannon
Signing Official & Title: Civil Engineer

a. Contact information for person listed in item 3 above:

Street Address: 112 Overlook Circle, Suite 105

City: Brentwood State: TN Zip: 37027

Phone: 615-370-7964 Fax: 615-370-1273 Email: sbohannon@ingramcivil.com

Mailing Address (if different than physical address): _____

City: _____ State: _____ Zip: _____

IV. PROJECT INFORMATION

1. In the space provided below, briefly summarize how the stormwater runoff will be treated.

Stormwater from the site will be treated by a combination of bio-retention areas, infiltration basins, wet extended detention pond, and pervious concrete.

2. Total Property Area: 393,610 square feet

3. Total Coastal Wetlands Area: 0 square feet

4. Total Surface Water Area: 0 square feet

5. Total Property Area (2) – Total Coastal Wetlands Area (3) – Total Surface Water Area (4) = Total Project Area: 393,610 square feet.

6. Existing Impervious Surface within Property Area: 86,191 square feet

7. Existing Impervious Surface to be Removed/Demolished: 66,291 square feet

8. Existing Impervious Surface to Remain: 19,900 square feet (Existing entrance drives)

9. Total Onsite (within property boundary) Newly Constructed Impervious Surface (*in square feet*):

Buildings/Lots	58,249
Impervious Pavement	89,814
Pervious Pavement (adj. total, with 100 % credit applied)	0
Impervious Sidewalks	30,599
Pervious Sidewalks (adj. total, with % credit applied)	0
Other (describe)	
Future Development	6,554
Total Onsite Newly Constructed Impervious Surface	185,215

10. Total Onsite Impervious Surface

(Existing Impervious Surface to remain + Onsite Newly Constructed Impervious Surface) = 205,115 square feet

11. Project percent of impervious area: (Total Onsite Impervious Surface / Total Project Area) x100 = 52 %

12. Total Offsite Newly Constructed Impervious Area (improvements made outside of property boundary, in square feet):

Impervious Pavement	0
Pervious Pavement (adj. total, with % credit applied)	0
Impervious Sidewalks	1,628
Pervious Sidewalks (adj. total, with % credit applied)	0
Other (describe)	0
Total Offsite Newly Constructed Impervious Surface	1,628

(Sidewalk in ROW on Carolina Beach Road and Sidewalk in Northeast Drive Entrance)

13. Total Newly Constructed Impervious Surface
 (Total Onsite + Offsite Newly Constructed Impervious Surface) = 186,843 square feet

14. Complete the following information for each Stormwater BMP drainage area. If there are more than three drainage areas in the project, attach an additional sheet with the information for each area provided in the same format as below. Low Density projects may omit this section and skip to Section V.

See attached sheet

Basin Information	BMP #	BMP #	BMP #
Receiving Stream Name			
Receiving Stream Index Number			
Stream Classification			
Total Drainage Area (sf)	See attached section 14 showing all BMPs.		
On-Site Drainage Area (sf)			
Off-Site Drainage Area (sf)			
Total Impervious Area (sf)			
Buildings/Lots (sf)			
Impervious Pavement (sf)			
Pervious Pavement (sf)			
Impervious Sidewalks (sf)			
Pervious Sidewalks (sf)			
Other (sf)			
Future Development (sf)			
Existing Impervious to remain (sf)			
Offsite (sf)			
Percent Impervious Area (%)			

15. How was the off-site impervious area listed above determined? Provide documentation:

NA

Application Section IV Line Item 14

BMP#1	BMP#2	BMP#3	BMP#4	BMP#5
Wet Det Basin Cape Fear River 18-(71) SC	UG Infiltration Basin 1 Cape Fear River 18-(71) SC	Bio-Retention 1 Cape Fear River 18-(71) SC	Bio-Retention 2 Cape Fear River 18-(71) SC	UG Infiltration Basin 2 18-(71) SC
141,771	96,519	31,389	13,527	39,017
141,771	96,519	31,389	13,527	39,017
0	0	0	0	0
73,513	59,433	12,287	8,102	30,202
30,145	28,104	0	0	0
33,769	16,693	11,789	3,396	27,519
0	0	0	0	0
9,599	12,386	498	797	2,683
0	0	0	0	0
0	0	0	0	0
0	2,250	0	3,909	0
0	0	0	0	0
0	0	0	0	0
52	62	39	60	77

BMP#6	BMP#7	BMP#8
Pervious Concrete 1 18-(71) SC	Pervious Concrete 2 Cape Fear River 18-(71) SC	Pervious Concrete 3 18-(71) SC
1,279	2,954	2,808
1,279	2,954	2,808
0	0	0
309	723	646
1,106	2,194	1,997
0	0	0
309	723	646
24	24	23

BMP#6	BMP#7	BMP#8
Pervious Concrete 1 18-(71) SC	Pervious Concrete 2 Cape Fear River 18-(71) SC	Pervious Concrete 3 18-(71) SC
1,279	2,954	2,808
1,279	2,954	2,808
0	0	0
309	723	646
1,106	2,194	1,997
0	0	0
309	723	646
24	24	23

V. SUBMITTAL REQUIREMENTS

1. Supplemental and Operation & Maintenance Forms - One applicable City of Wilmington Stormwater BMP supplement form and checklist must be submitted for **each** BMP specified for this project. One applicable proposed operation and maintenance (O&M) form must be submitted for **each type** of stormwater BMP. Once approved, the operation and maintenance forms must be referenced on the final plat and recorded with the register of deeds office.
2. Deed Restrictions and Restrictive Covenants - For all subdivisions, outparcels, and future development, the appropriate property restrictions and protective covenants are required to be recorded prior to the sale of any lot. Due to variability in lot sizes or the proposed BUA allocations, a table listing each lot number, lot size, and the allowable built-upon area must be provided as an attachment to the completed and notarized deed restriction form. The appropriate deed restrictions and protective covenants forms can be downloaded at the link listed in section V (3). Download the latest versions for each submittal.

In instances where the applicant is different than the property owner, it is the responsibility of the property owner to sign the deed restrictions and protective covenants form while the applicant is responsible for ensuring that the deed restrictions are recorded.

By the notarized signature(s) below, the permit holder(s) certify that the recorded property restrictions and protective covenants for this project, if required, shall include all the items required in the permit and listed on the forms available on the website, that the covenants will be binding on all parties and persons claiming under them, that they will run with the land, that the required covenants cannot be changed or deleted without concurrence from the City of Wilmington, and that they will be recorded prior to the sale of any lot.

3. Only complete application packages will be accepted and reviewed by the City. A complete package includes all of the items listed on the City Engineering Plan Review Checklist, including the fee. Copies of the Engineering Plan Review Checklist, all Forms, Deed Restrictions as well as detailed instructions on how to complete this application form may be downloaded from:

<http://www.wilmingtonnc.gov/PublicServices/Engineering/PlanReview/StormwaterPermits.aspx>

The complete application package should be submitted to the following address:

City of Wilmington – Engineering
Plan Review Section
212 Operations Center Dr
Wilmington, NC 28412

VI. CONSULTANT INFORMATION AND AUTHORIZATION

1. Applicant: Complete this section if you wish to designate authority to another individual and/or firm (such as a consulting engineer and /or firm) so that they may provide information on your behalf for this project (such as addressing requests for additional information).

Consulting Engineer: NA
 Consulting Firm: _____

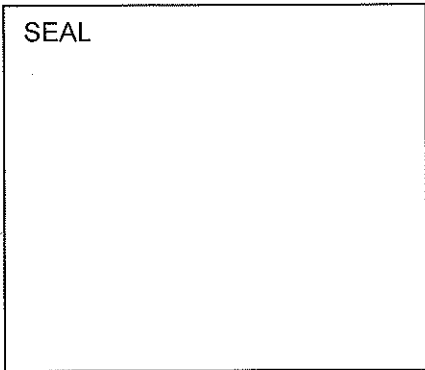
a. Contact information for consultant listed above:

Mailing Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: _____ Email: _____

VII. PROPERTY OWNER AUTHORIZATION (If Section III(2) has been filled out, complete this section)

I, (*print or type name of person listed in Contact Information, item 2*) _____, certify that I own the property identified in this permit application, and thus give permission to (*print or type name of person listed in Contact Information, item 1*) _____ with (*print or type name of organization listed in Contact Information, item 1*) _____ to develop the project as currently proposed. A copy of the lease agreement or pending property sales contract has been provided with the submittal, which indicates the party responsible for the operation and maintenance of the stormwater system.

As the legal property owner I acknowledge, understand, and agree by my signature below, that if my designated agent (*entity listed in Contact Information, item 1*) dissolves their company and/or cancels or defaults on their lease agreement, or pending sale, responsibility for compliance with the City of Wilmington Stormwater Permit reverts back to me, the property owner. As the property owner, it is my responsibility to notify the City of Wilmington immediately and submit a completed Name/Ownership Change Form within 30 days; otherwise I will be operating a stormwater treatment facility without a valid permit. I understand that the operation of a stormwater treatment facility without a valid permit is a violation of the City of Wilmington Municipal Code of Ordinances and may result in appropriate enforcement including the assessment of civil penalties.



Signature: NA

 Date: _____

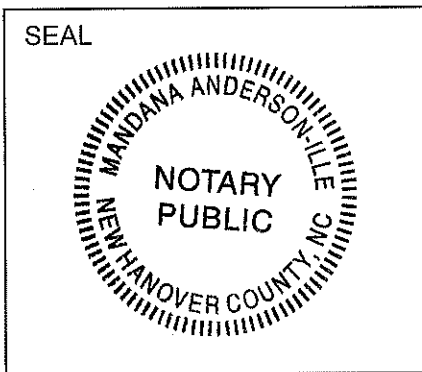
I, _____, a Notary Public for the State of _____, County of _____, do hereby certify that _____ personally appeared before me this day of _____, _____.

and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,

My commission expires: _____

VIII. APPLICANT'S CERTIFICATION

I, (print or type name of person listed in Contact Information, item 1), Robert Pitts certify that the information included on this permit application form is, to the best of my knowledge, correct and that the project will be constructed in conformance with the approved plans, that the required deed restrictions and protective covenants will be recorded, and that the proposed project complies with the requirements of the applicable stormwater rules under.



Signature: Robert Pitts
Date: 11/13/19

I, Mandana Anderson-Ille, a Notary Public for the State of North Carolina, County of New Hanover, do hereby certify that Robert Pitts personally appeared before me this day of November 13, 2019, and acknowledge the due execution of the application for a stormwater

permit. Witness my hand and official seal,

Mandana Anderson-Ille
My commission expires: 06/09/2024