



Public Services

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

February 23, 2017

Mr. John Black, Owner
Black Pack Investments, LLC
706 Jacobs Creek Lane
Wilmington, NC 28409

**Subject: Stormwater Management Permit No. 2016038R1
Jacobs Bluff
Drainage Plan**

Dear Mr. Black:

The City of Wilmington Engineering Division has received a request for a revision to the Stormwater Management Permit for Jacobs Bluff. 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:

Please see approved plans dated February 23, 2017.

Please be aware all terms and conditions of the permit Issued on October 11, 2016 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 Richard Christensen at (910) 341-7813 or richard.christensen@wilmingtonnc.gov

Sincerely,

A handwritten signature in blue ink, appearing to read 'Sterling Cheatham'.

for Sterling Cheatham, City Manager
City of Wilmington

cc: Howard Resnik, CSD Engineering
Brian Chambers, Senior Planner, City of Wilmington

RECEIVED

SEP 15 2016

ENGINEERING

**unless noted otherwise*



Public Services

Engineering
414 Chestnut St, Suite 200
Wilmington, NC 28401
910 341-7807
910 341-5881 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

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.):

Jacobs Ridge

2. Location of Project (street address):

706 Jacobs Creek Lane

City: Wilmington

County: New Hanover

Zip: 28409

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

From Intersection US 76 and NC 132, travel South on Highway 132, turn left onto Holly Tree Rd. then merge right on to Masonboro Loop Rd. Travel 2.3 miles, turn left onto Masonboro Sound Rd.

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: _____ 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:



RECEIVED

OCT 05 2016

ENGINEERING

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: Black Pack Investments, LLC

Signing Official & Title: John Black, Owner

- a. Contact information for Applicant / Signing Official:

Street Address: 706 Jacobs Creek Lane

City: Wilmington State: NC Zip: 28409

Phone: 910-799-9367 Fax: Email: jbk2003@bellsouth.net

Mailing Address (if different than physical address): 706 Jacobs Creek Lane

City: Wilmington State: NC Zip: 28405

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

- [X] 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:

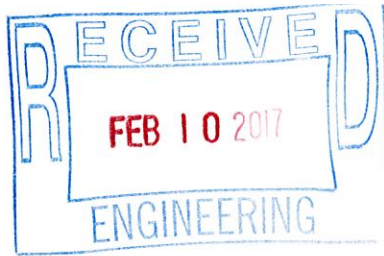
Mailing Address (if different than physical address):

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: Kathy Black / Black Pack Investments, LLC

Signing Official & Title: Kathy Black, Owner



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

Street Address: 706 Jacobs Creek lane

City: Wilmington State: NC Zip: 28405

Phone: 910-297-7915 Fax: 910-799-9367 Email: kathyblack@seacoastrealty.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.
runoff will sheet flow over existing vegetation before entering into Whiskey Creek

2. Total Property Area: 272,971 square feet

3. Total Coastal Wetlands Area: 20,957 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: 252,014 square feet.

6. Existing Impervious Surface within Property Area: 18,431 square feet

7. Existing Impervious Surface to be Removed/Demolished: 3,233 square feet

8. Existing Impervious Surface to Remain: 15,198 square feet

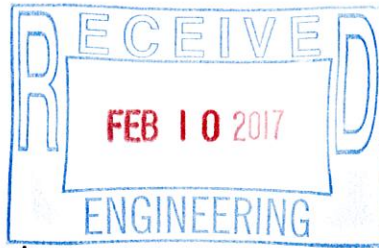
9. Total Onsite (within property boundary) Newly Constructed Impervious Surface (*in square feet*):

Buildings/Lots	13,014
Impervious Pavement	797
Pervious Pavement (adj. total, with 75 % credit applied)	991
Impervious Sidewalks	
Pervious Sidewalks (adj. total, with 75 % credit applied)	
Other (describe)	
Future Development	
Total Onsite Newly Constructed Impervious Surface	14,802

10. Total Onsite Impervious Surface

(Existing Impervious Surface to remain + Onsite Newly Constructed Impervious Surface) = 30,000 square feet

11. Project percent of impervious area: (Total Onsite Impervious Surface / Total Project Area) x100 = 12 %



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

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

13. Total Newly Constructed Impervious Surface

(Total Onsite + Offsite Newly Constructed Impervious Surface) = 14802 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.

Basin Information	BMP # 1	BMP #	(Type of BMP) BMP #
Receiving Stream Name	Whiskey Creek		
Receiving Stream Index Number	18-87-278		
Stream Classification	SA;HQW		
Total Drainage Area (sf)	272971	0	0
On-Site Drainage Area (sf)	272971		
Off-Site Drainage Area (sf)			
Total Impervious Area (sf)	14802	0	0
Buildings/Lots (sf)	13014		
Impervious Pavement (sf)	797		
Pervious Pavement, 75 % credit (sf)	991		
Impervious Sidewalks (sf)			
Pervious Sidewalks, % credit (sf)			
Other (sf)			
Future Development (sf)			
Existing Impervious to remain (sf)			
Offsite (sf)			
Percent Impervious Area (%)	11		

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

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
414 Chestnut Street, Suite 200
Wilmington, NC 28402

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: Howard Resnik, PE

Consulting Firm: CSD Engineering

a. Contact information for consultant listed above:

Mailing Address: PO BOX 4041

City: Wilmington State: NC Zip: 28406

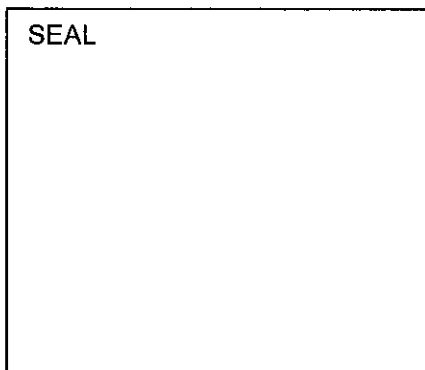
Phone: 910-791-4441 Fax: 910-791-1501 Email: howard@csd-engineering.com

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: _____ Date: _____



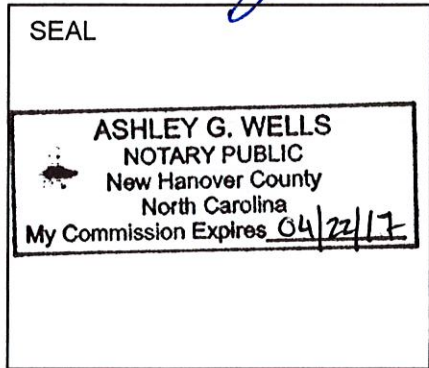
I, _____, a Notary Public for the State of _____, County of _____, do hereby certify that _____ personally appeared before me this day of _____, _____, and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,

My commission expires: _____

VIII. APPLICANT'S CERTIFICATION

I, (print or type name of person listed in Contact Information, item 1), John A Black 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: John A Black Date: 09-12-16



I, Ashley G. Wells, a Notary Public for the State of North Carolina, County of New Hanover, do hereby certify that John A. Black personally appeared before me this day of September 12, 2016, and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,
Ashley G. Wells
My commission expires: 04/22/17