



**Public Services**

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

March 1, 2019

Jennifer Adams, Facilities Operations Dept. Head  
Corning, Inc.  
310 N. College Rd.  
Wilmington, NC 28405

**Subject: Stormwater Management Permit No. 2000008R3  
Corning - Project Crest Expansion  
Stormwater Discharge Permit Revision**

Dear Ms. Adams:

The City of Wilmington Engineering Division has received a request for a revision to the Stormwater Management Permit for The Corning Core Expansion, originally released for construction on February, 2000. 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:

- The addition of a baghouse expansion and minor drive aisle/asphalt improvements
- The project is generally replacing existing impervious, but there is a net increase of 1776 sf. The net increase will come from the future allocation available within the pond 3 drainage area.

Please be aware all terms and conditions of the permit February 11, 2000 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.

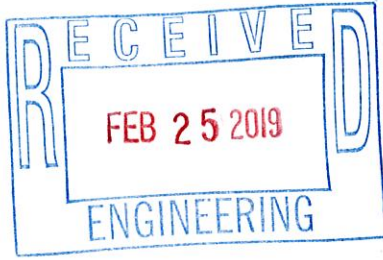
The revised stamped, approved stormwater management drawings are attached. An electronic copy of the approved drawing set, permit, application and supplementary documents will be maintained by the Wilmington Engineering Division. If you have any questions, or need additional information, please contact Robert Gordon at (910) 341-5856 or [rob.gordon@wilmingtonnc.gov](mailto:rob.gordon@wilmingtonnc.gov)

Sincerely,

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

for Sterling Cheatham, City Manager  
City of Wilmington

cc: Carol Yates, Corning, Inc.



unless  
otherwise  
noted



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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.):

Corning Crest Project

2. Location of Project (street address):

310 N. College Road

City: Wilmington County: New Hanover Zip: 28405

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

Project site is 1/8 mile south of the Martin Luther King, Jr. Parkway and N. College Road intersection. Site is on the east side of N. College Road.

**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: 2000008 State – NCDENR/DWQ: SW8 980441

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: Corning Incorporated

Signing Official & Title: Jennifer Adams, Facilities Operations Department Head

- a. Contact information for Applicant / Signing Official:

Street Address: 310 N. College Road

City: Wilmington State: NC Zip: 28405

Phone: 910-784-6498 Fax: 910-784-7386 Email: adamsjh@corning.com

Mailing Address (if different than physical address): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

- 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: \_\_\_\_\_

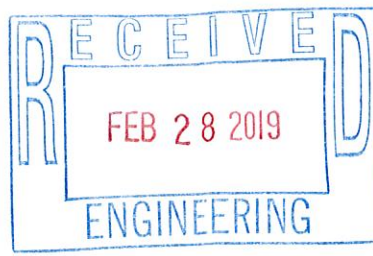
Mailing Address (if different than physical address): \_\_\_\_\_

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: Jennifer Adams / Corning Incorporated

Signing Official & Title: Jennifer Adams / Facilities Operations Department Head



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

Street Address: 310 N. College Road  
 City: Wilmington State: NC Zip: 28405  
 Phone: 910-784-6498 Fax: 910-784-7386 Email: adamsjh@corning.com  
 Mailing Address (if different than physical address): \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

**IV. PROJECT INFORMATION**

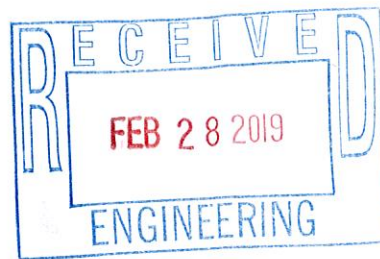
1. In the space provided below, briefly summarize how the stormwater runoff will be treated.  
Stormwater is collected with sloped areas and graded, rocked swales to convey  
using sheet flow to area catch basins. Runoff collected by the catch basins is  
directed to a detention pond located on-site.

- 2. Total Property Area: 28,750 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: 28,750 square feet.
- 6. Existing Impervious Surface within Property Area: 26,974 square feet
- 7. Existing Impervious Surface to be Removed/Demolished: 16,466 square feet
- 8. Existing Impervious Surface to Remain: 10,508 square feet
- 9. Total Onsite (within property boundary) Newly Constructed Impervious Surface (*in square feet*):

|  |               |
|--|---------------|
| Buildings/Lots   | 5,244         |
| Impervious Pavement                                      | 11,790        |
| Pervious Pavement (adj. total, with % credit applied)    | 0             |
| Impervious Sidewalks                                     | 0             |
| Pervious Sidewalks (adj. total, with % credit applied)   | 0             |
| Other (describe) equipment pads & pipe bridge caissons   | 1,208         |
| Future Development                                       | 0             |
| <b>Total Onsite Newly Constructed Impervious Surface</b> | <b>18,242</b> |

10. Total Onsite Impervious Surface  
 (Existing Impervious Surface to remain + Onsite Newly Constructed Impervious Surface) = 28,750 square feet

11. Project percent of impervious area: (Total Onsite Impervious Surface / Total Project Area) x100 = 100 %



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                                      | 0        |
| Pervious Sidewalks (adj. total, with % credit applied)    | 0        |
| Other (describe)  | 0        |
| <b>Total Offsite Newly Constructed Impervious Surface</b> | <b>0</b> |

13. Total Newly Constructed Impervious Surface  
 (Total Onsite + Offsite Newly Constructed Impervious Surface) = 18242 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                  | (Type of BMP)<br>BMP #  | (Type of BMP)<br>BMP # | (Type of BMP)<br>BMP # |
|------------------------------------|-------------------------|------------------------|------------------------|
| Receiving Stream Name              | Cape Fear/Spring Branch |                        |                        |
| Receiving Stream Index Number      | 18-74-63-1              |                        |                        |
| Stream Classification              | C,Sw                    |                        |                        |
| Total Drainage Area (sf)           | 354892                  | 0                      | 0                      |
| On-Site Drainage Area (sf)         | 354892                  |                        |                        |
| Off-Site Drainage Area (sf)        | 0                       |                        |                        |
| <b>Total Impervious Area (sf)</b>  | <b>298910</b>           | <b>0</b>               | <b>0</b>               |
| Buildings/Lots (sf)                |                         |                        |                        |
| Impervious Pavement (sf)           |                         |                        |                        |
| Pervious Pavement, % credit (sf)   |                         |                        |                        |
| Impervious Sidewalks (sf)          |                         |                        |                        |
| Pervious Sidewalks, % credit (sf)  |                         |                        |                        |
| Other (sf)                         |                         |                        |                        |
| Future Development (sf)            | 32175                   |                        |                        |
| Existing Impervious to remain (sf) | 266735                  |                        |                        |
| Offsite (sf)                       |                         |                        |                        |
| Percent Impervious Area (%)        | 84.23                   |                        |                        |

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

N/A

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## 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: J. Phillip Norris, P.E.

Consulting Firm: Norris & Tunstall Consulting Engineers, P.C.

a. Contact information for consultant listed above:

Mailing Address: 1429 Ash-Little River Road

City: Ash State: NC Zip: 28420

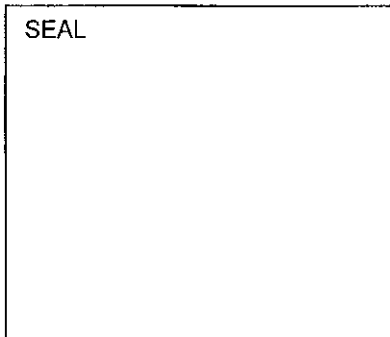
Phone: 910-287-5900 Fax: 910-287-5902 Email: pnorris@ntengineers.com

**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: \_\_\_\_\_



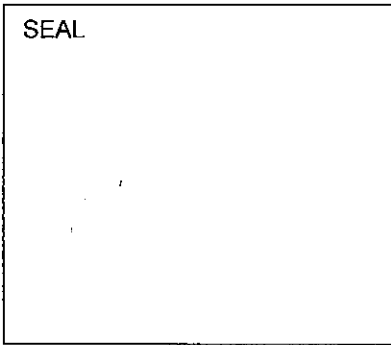
I, \_\_\_\_\_, a Notary Public for the State of \_\_\_\_\_, County of \_\_\_\_\_, do hereby certify that \_\_\_\_\_ personally appeared before me this day of \_\_\_\_\_, \_\_\_\_\_ and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,

My commission expires: \_\_\_\_\_

**VIII. APPLICANT'S CERTIFICATION**

I, (print or type name of person listed in Contact Information, item 1) Jennifer Adams, Facilities Operation Department Head 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: Jennifer H. Adams Date: 2/25/19



I, Shyela S. Alderman, a Notary Public for the State of North Carolina, County of Pender, do hereby certify that Jennifer H. Adams personally appeared before me this day of 2/25/2019 and acknowledge the due execution of the application for a stormwater permit. Witness my hand and official seal,  
Shyela S. Alderman  
My commission expires: 3/23/2020