Air Permitting - Construction Permit Package (Modification)

version 1.1

(Submission #: HQD-9PHM-V3N4B, version 1)

Details

Submission ID HQD-9PHM-V3N4B

Form Input

Facility Information

Air Permit Number
CP-50000061

If the facility site name listed below has changed and needs to be updated, please complete and submit form "Air Permitting - Site Name Update (Not Transfer of Ownership)".

Site Name
New-Indy Catawba LLC

Facility Federal Tax Identification Number
83-1904423

FACILITY'S PRODUCTS / SERVICES

Primary Products / Services	Primary SIC Code	Primary NAICS Code
Linerboard	2621-Paper Mills	322120-Paper Mills
Market Pulp	2611-Pulp Mills	322110-Pulp Mills

Facility Physical Address

5300 Cureton Ferry Road
Catawba, SC 29704

County
York

Facility Physical Location
34.8446,-80.8931

5300 Cureton Ferry Road, Catawba, SC

On the Google map in the “Search by name or address” field, type in the address. If address does not work, use the name of facility. Once pin icon finds the location, verify the pin is at the correct location. The pin should be located at the center location of all permitted devices. If not, use the mouse and move the pin to a more precise location. The longitude and latitude coordinates will adjust accordingly as you move the pin icon. To help, you can change the map view to a satellite view. The plus (+) and minus (-) buttons help to zoom in and zoom out your view.
For the facilities whose address is not in close proximity of their facility, find the closest street or crossing streets. Use your mouse on the Google map to move locator arrow on map to drop red marker closest to the center of the facilities processes. The facility building can be pending construction or existing.

Project Information

Project Description
Modify permit condition B.30 language to add the minimum period between consecutive semi-annual source tests.
Note: Source ID 9803 was re-assigned in CP-50000041 v1.0, This application reflects the assigned ID's in CP-50000061 v1.1.

As an attachment to this form include a narrative with the following information:

1. Description of the facility's proposed new or altered processes;
2. Physical and chemical properties and feed rate of the raw materials used and products made from which the facility determined potential emissions;
3. Process flow diagram / production process layout of all new or altered sources changed showing the flow of materials and intermediate and final products.
4. More detailed explanation of regulatory applicability.

Additional information required to complete the review of this permit application should be submitted as attachments.

Narrative Attachment
CP-50000061 v1.1 - Condition B.30.pdf - 06/12/2025 12:21 PM
Comment
NONE PROVIDED

Will this modification change emissions?
No

Would you like expedited processing?
No

Do you need to establish or modify any algorithms with this permit?
No

Do you have existing synthetic minor limits and/or are you requesting to establish new limits or modify existing limits?
No

Please select potentially applicable regulations:
State Air Pollution Control Regulations and Standards

Do you have confidential information or data to submit?
No

Equipment Information

Equipment Table Instructions

Be as detailed as possible when filling out "Equipment Description." The following includes examples of source types and relevant information associated with that source:

External Combustion Sources: Equipment type and usage (e.g. steam generation, process heat, drying, curing, etc.), maximum heat capacity (Million BTU/hr), primary and backup fuel type (e.g. natural gas, fuel oil, coal, etc.), low NOx burners, direct or indirect heating

Stationary Internal Combustion Sources: Equipment type and usage (e.g. emergency generator, fire pump, etc.), output brake/electrical power (hp/kW), fuel type

Liquid Storage Tanks: Tank type (e.g. fixed roof, floating roof, variable vapor pressure, etc.), materials stored, loading source (e.g. pipeline, rail car, process, etc.)

Incinerators: Incinerator type (e.g. rotary kiln, air curtain, single chamber, etc.), primary and secondary waste types (e.g. municipal waste, yard waste, clean wood, etc.), waste charge rate (tons/day or lb/hr), burner capacity (BTU/hr), minimum chamber temperature

Surface Coating Sources: Coating operation type (e.g. large appliances, auto and light duty trucks, paper and other webs, publication printing inks, etc.)

Review applicable regulations to determine additional information that may be required for permitting.

Equipment Information

Information can be entered in the table below on your internet browser or downloaded and opened in Excel

- When opening in Excel,
  - The file name must remain unchanged, "Equipment Information"
  - The name and order of the columns must remain unchanged

- For the “Equipment Action” column, you must use an option from the following list (with no additional spaces or changes in formatting):
  → Add
  → Remove
  → Modify
  →Existing
- Additional information can be found on the Reference sheet

Equipment Information
Equipment Information.xlsx

Do you have any Control Devices associated with your Equipment?
Yes

Control Device Instructions

Please add a row with 'Add Row' button if you need to input more than one Control Device.

Inherent, required and voluntary control devices, as used in the table below, are defined as:

Inherent: Consult the EPA Guidance link below. A statement of “Inherent” should be accompanied by a detailed explanation of the determination as an attachment.

Required: Control device is relied-upon or required by regulation, and controlled emissions are used to show compliance with applicable standards and regulations.

Voluntary: Control device is not relied-upon and uncontrolled emissions are used to show compliance with applicable standards and regulations.
Criteria for Determining Whether Equipment is Air Pollution Control Equipment or Process Equipment

Control Device Table

- Information can be entered in the table below on your internet browser or downloaded and opened in Excel
- When opening in Excel,
  - The file name must remain unchanged, “Control Devices”
  - The name and order of the columns must remain unchanged
  - For the “Action” column, you must use an option from the following list (with no additional spaces or changes in formatting):
    → Add
    → Remove
    → Modify
    →Existing
  - For the “Inherent/Required/Voluntary” column, you must use an option from the following list (with no additional spaces or changes in for
    → Inherent
    → Required
    → Voluntary
  - Additional information can be found on the Reference sheet

Control Device Table
Control Devices.xlsx

Are any control devices voluntary or inherent?
No

Exempt Equipment

Bureau of Air Quality Permitting Exemption List

Are any exempt sources being installed with this project?
No

State Air Pollution Control Regulations and Standards (1 of 1)

S.C. Regulation 61-62.1 Air Pollution Control Regulations and Standards - Definitions and General Requirements

Regulation/Standard
S.C. Regulation 61-62.1 Air Pollution Control Regulations and Standards - Definitions and General Requirements

Applicability
Applicable

Equipment ID(s)	Pollutant/Parameter	Limit (units)	How do you plan to comply?
9804	H2S/TRS	98% control	as described in permit condition B.30
9804	HAP (as methanol)	95% control	as described in permit condition B.30

Explain why the State Regulation does or does not apply.
Modify permit condition B.30 language to add the minimum period between consecutive semi-annual source tests.

Provide additional documentation in the attachment field in the Project Information Section.

Contact(s)

The Air Permitting Contact is the person who can answer technical questions about the facility and permit application.

Air Permitting Contact

Prefix
Ms.

First Name	Middle Name	Last Name
Amy	*NONE PROVIDED*	Rushing

Title
Environmental Engineer

Phone Type	Number	Extension
Business	8039818010	

Email
amy.rushing@new-indycb.com

Mailing Address

5300 Cureton Ferry Road
Catawba, SC 29704
United States

Is there an additional Air Permitting Contact?
No

Signatory Authority

Owner or Operator signing form

The owner or operator is any person who owns, leases, operates, controls, or supervises a source of air emissions.

Owner or Operator

Prefix
Mr.

First Name	Middle Name	Last Name
Chris	*NONE PROVIDED*	Loach

Title
Mill Manager

Phone Type	Number	Extension
Business	8039818440	

Email
CHRIS.LOACH@NEW-INDYCB.COM

Mailing Address

5300 Cureton Ferry Road

Catawba, SC 29704

PE Requirements

Construction permit applications shall be reviewed, signed, and sealed by a professional engineer registered to practice in the State of South Carolina (except professional engineers employed by the federal government preparing applications for the federal government or other professional engineers exempted from the state registration requirements).

Professional Engineer License/Registration No.
34347

SC Certificate of Authority License No.
6409

Professional Engineer

Prefix
Ms.

First Name	Middle Name	Last Name
Sheryl	*NONE PROVIDED*	Watkins

Title
Senior Technical Manager

Organization Name
ALL4 LLC

Phone Type	Number	Extension
Mobile	3865030266	

Email
swatkins@all4inc.com

PE Seal

NIC PE Cert Submission PKG-0001050.pdf - 06/24/2025 05:11 PM

Comment
NONE PROVIDED

Agreements and Signature(s)

SUBMISSION AGREEMENTS

- ☑ I am the owner of the account used to perform the electronic submission and signature.
- ☑ I have the authority to submit the data on behalf of the facility I am representing.
- ☑ I agree that providing the account credentials to sign the submission document constitutes an electronic signature equivalent to my written signature.
- ☑ I have reviewed the electronic form being submitted in its entirety, and agree to the validity and accuracy of the information contained within it to the best of my knowledge.

Owner/Operator

I certify, to the best of my knowledge and belief, that no applicable standards and/or regulations will be contravened or violated. I certify that any application form, report, or compliance certification submitted in this permit application is true, accurate, and complete based on information and belief formed after reasonable inquiry. I understand that any false information or misrepresentation may result in the immediate revocation of any permit issued for this application.

Signed By Chris Loach on 06/27/2025 at 9:12 AM

Professional Engineer

I have placed my signature and seal on the engineering documents submitted, signifying that I have reviewed this construction permit application as it pertains to the requirements of South Carolina Regulation 61-62, Air Pollution Control Regulations and Standards.

Signed By Sheryl Watkins on 06/24/2025 at 5:20 PM

B. LIMITATIONS, MONITORING, AND REPORTING	
Condition Number	**Conditions**
B.30	**Equipment ID:** 9804 **Control Device ID:** 9803 (S.C. Regulation 61-62.1, Section II(J)(2)) Within 60 days of startup of the new steam stripper, an initial performance test (IPT) for liquid sampling and analysis of TRS, H_2S, and methanol compounds in and out of the steam stripper shall be conducted to demonstrate the 98 and 95 percent proposed design removal efficiency provided by the vendor for TRS/H_2S and methanol, respectively, and to develop and verify associated lb/hr and lb/ADTP emissions. The IPT shall also establish operating and monitoring parameters that are indicative of a strong relationship between proper operation of the stripper and the TRS, H_2S, and methanol removal over a range of operating conditions. During the IPT, parameters to monitor shall include, but are not limited to, stripper inlet feed rate, steam feed rate, and stripper inlet feed temperature. The owner or operator shall submit for approval a plan that identifies the operating and monitoring parameters to be monitored, the relationship between the operating and monitoring parameters and percent removal of TRS, H_2S, and methanol, the TRS, H_2S, and methanol emissions and the records to be maintained for predicting emissions for demonstrating ongoing compliance with project emissions. The operating and monitoring plan shall also include the data used to identify the relationship between the removal efficiencies for TRS, H_2S, and methanol and the operating and monitoring parameters and how these will be monitored on an hourly basis during stripper operation, and the quality assurance procedures to ensure the data generated will be representative and accurate. This plan shall be submitted within 60 days after the final IPT report is submitted to the Air Permitting Division Director. Semiannual performance tests shall be conducted for the new steam stripper. Semiannual tests shall be conducted no less than 120 days from the previous test. After completion of eight consecutive semiannual tests, performance testing shall be conducted annually for a period of two years and once every five (5) years thereafter. Annual tests shall be conducted no less than 270 days from the previous test. Subsequent performance tests shall be used to verify and/or update the relationship between the operating and monitoring parameters and percent removal of TRS, H_2S, and methanol. Updates to the operating and monitoring plan shall be submitted within 60 days of the performance test.

EQ_PROC_ID	EQ_PROC_DESC	ACTN	MAX_DESG_CAP	CONT_ID	EMISS_PT_ID
9804	LP Steam Stripper Feed Tank	Existing	80,400-gallon	9803	2505S, 5105S, 2610S1, 2610S2

Column Header
EQ_PROC_ID
EQ_PROC_DESC
ACTN
MAX_DESG_CAP
CONT_ID
EMISS_PT_ID

Field Name
Equipment ID
Equipment/Process Description
Equipment Action
Maximum Design Capacity (Include Units)
Control Device ID
Emission Point ID

Help/Instructions

Equipment ID

Equipment/Process Description

Action

Maximum Design Capacity (Include Units)

Control Device ID

Emission Point ID

CONTRL_ID	CONT_DEV_DESCR	ACTN2	MAX_DES_CAP	INHER_REQ_VOL	POLL_CONT	POLL_CONT#reasonForOther	CAP_EFF	DEST_REM_EFF	EMM_PT_ID
9803	Low-Pressure (LP) Steam Stripper and Stripper Rectified	Existing	850 gallons/minute foul condensate, 6.5	Required	Hydrogen Sulfide (H2S)		100	98	2505S, 5105S, 2610S1, 2610S2
9803	Low-Pressure (LP) Steam Stripper and Stripper Rectified	Existing	850 gallons/minute foul condensate, 6.5	Required	Total Reduced Sulfur (including H2S)		100	98	2505S, 5105S, 2610S1, 2610S2
9803	Low-Pressure (LP) Steam Stripper and Stripper Rectified	Existing	850 gallons/minute foul condensate, 6.5	Required	HAPs/HAPs		100	95	2505S, 5105S, 2610S1, 2610S2

Column Header
CONTRL_ID
CONT_DEV_DESCR
ACTN2
MAX_DES_CAP
INHER_REQ_VOL
POLL_CONT
POLL_CONT#reasonForOther
CAP_EFF
DEST_REM_EFF
EMM_PT_ID

Field Name
Control Device ID
Control Device Description
Action
Maximum Design Capacity (include units)
Inherent/ Required/ Voluntary
Pollutant Controlled
Explain "Other" in column "POLL_CONT" (if applicable).
Capture Efficiency %
Destruction/ Removal Efficiency %
Emission Point ID(s)

Help/Instructions

enter ID that matches table above

Control Device Description

Action

Maximum Design Capacity (include units)

Inherent/ Required/ Voluntary

If this Control Device controls more than one pollutant, add rows as needed. Pick one: Particulate Matter (PM), Particulate Matter <10 Microns (PM10), Particulate Matter <2.5 Microns (PM2.5), PM/PM10/PM2.5, Sulfur Dioxide (SO2), Nitrogen

Capture Efficiency %

Destruction/ Removal Efficiency %

Emission Point ID(s)

Professional Engineering Certification for NEW-INDY CATAWBA, SC PULP AND PAPER MILL

AGENCY AIR NUMBER 2440-0005

Air Construction Permit Application Submission PKG-0001050

HQD-9PHM-V3N4B (Application) and HQD-9VKR-1WQC3 (Modeling)

Name: Sheryl Watkins, P.E.

SC PE Registration No.: 34347

Company: ALL4 LLC (COA No. 6409)

Date: 6-24-25

Sheryl Watkins