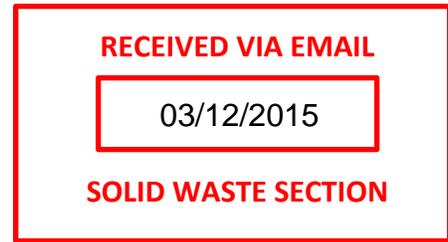


Scanned By	Date	DOC ID	Permit
Backus	03/20/2015	24013	P1292

March 10th, 2015

To:



Patricia Backus
Environmental Engineer II
NC DENR, Division of Waste Management
Solid Waste Section Permitting
1646 Mail Service Center
Raleigh, NC 27699-164

From:

Jeremy Alper
Coastal Fiber & Recycling, LLC
2923 Hwy 421 North
Wilmington, NC 28401

RE: Application for C&D Waste Transfer Facility with Processing and Storage of Recyclable Material.

Ms. Backus:

I would like to submit this application on behalf of Coastal Fiber & Recycling, LLC as a request for a new permit as a C&D Waste Transfer Facility with Processing and Storage of Recyclable Materials.

Table Of Contents:

1. General Information
2. Property Information and Maps
3. Operational Plan
4. Sedimentation and Erosion Plan
5. Financial Assurance
6. Traffic Study
7. Signature Pages
8. Engineering Drawings

Attachments:

- A. Location information
- B. Size of Warehouse
- C. Deed information
- D. Topographic Map
- E. Zoning
- F. FEMA Flood Map
- G. Storm Water Permit
- H. DOT Traffic Impact
- I. Applicant Signature Page
- J. Certification by Land Owner

Section 1: General Information

1. The name of the proposed facility is Coastal Fiber & Recycling, LLC
2. The name of the applicant is Coastal Fiber & Recycling, LLC

The contact person is:

Jeremy Alper

PO Box 2139

Wilmington, NC 28402

910-409-9156

jeremy@coastalfiber.com

3. The Operation will be owned and operated by Coastal Fiber & Recycling, LLC
4. The Landowner of the property is:
The Alper Company
Contact: Mark Alper
PO Box 2139
Wilmington, NC 28402
910-262-6237
Malper@southernmetals.com
5. NA
6. The contact to receive all invoices is:
Jeremy Alper
PO Box 2139
Wilmington, NC 28402

910-762-2646

jeremy@coastalfiber.com

Section 2: Property Information and Maps

1. Facility Location: 2923 Hwy 421 North, Wilmington, NC 28401. This is where Queensboro Steel Corporation used to operate and is in front of Southern Metals Recycling. Lat/Long: 34.279773, -77.962454 – Attachment “A”
2. Total Acreage 4.8 ac, size of area to be used for sorting, transfer and storage is 100,000 sq. ft. – Attachment “B”
3. Legal description of property – (4.00 Acres) PT Peter Cape Fear – Attachment “C”
4. USGS Topographic Quadrangle Maps with site noted – Attachment “D”
5. The entire area is rated I-2 Heavy Industrial – Attachment “E”
6. FEMA flood insurance rate map with facility property marked – Attachment “F”
7. Army Corps Wetlands Determination – Not Applicable

Coastal Fiber & Recycling, LLC

Operation Plan

Permit Number: to be assigned

Address of Facility: 2923 Hwy 421 N, Wilmington, NC 28401

Coastal Fiber & Recycling, LLC

Preparer:

Jeremy Alper
2923 Hwy 421 N.
Wilmington, NC 28401
910-409-9156
jeremy@coastalfiber.com

Document Prepared: 03/10/2015

Section 3: Operation Plan

1&2. Coastal Fiber & Recycling, LLC based in Wilmington NC is an operation that will primarily focus on accepting and removing OCC, SOP and C&D materials (which includes various types of wood, concrete, steels and plastics) from the local waste stream. We do not anticipate nor are we offering to accept any solid waste materials. Unacceptable materials are as follows.

Asbestos containing materials,

- Hazardous Waste
- Batteries
- Explosives
- Pesticides
- Putrescible waste
- PCB's
- Petroleum contaminated oils
- Radioactive materials
- Flammable materials, chemicals
- Materials containing Lead or Mercury
- Air conditioners or refrigerators containing refrigerant

We will only process OCC and SOP on site with a baler. C&D debris will be transferred. Currently we will not be handling single stream though we are able to transfer it via open top or enclosed tractor trailers to approved facilities such as Sonoco in partnership with Onslow County. We will accept these materials for local haulers, businesses and municipalities. We will be completely under roof and on concrete with no exposure to water or weather. After being weighed, trucks will unload in the enclosed facility. A facility manager will be in contact with each incoming truck for inspection and approval. We intend to offer services to local recyclers,

businesses and construction debris haulers as a new option to recycle more and divert from the local New Hanover County Landfill as there are currently no relevantly scaled or located operations to do so. Coastal Fiber & Recycling LLC will be offering recycling services for these local haulers, businesses and municipalities that would like to reduce the amount of recyclables from their waste streams which results in savings as well as possible income for those parties. We will offer certified scale and tonnage ticket services in combination with the transfer facility. Our services will extend primarily to New Hanover County but will include Brunswick, Onslow, and Pender. We have the ability to handle the full range of trucks in the hauling industry along with the loading and unloading that occurs with materials handling and processing.

3&4 We estimate 200 tons of SOP, 175 Tons of OCC and over 1000 tons of C&D materials a month to be processed by end of year 2016. This estimate will vary based on local economies and the scale at which we decide to handle certain materials including single stream. We expect to operate around 260 days a year. The facility will normally be closed on Thanksgiving Day, Christmas Day, and New Year's Day. The local market in and around Wilmington is very fragmented and landfill dependent. There are currently no viable alternatives for materials that are mixed or in loose OCC form. We think our location will offer an economical, convenient, easy to use alternative and actually encourage savings for customers, recycling awareness and landfill waste reduction. We expect recycling tonnage for the local area and construction industry to greatly increase once we are in operation. We are a local family owned operation and expect a good response to our service and facility layout.

5&6 Upon arrival trucks will be met by a scale attendant and sent to either the C&D section or OCC-SOP section of the building to unload. Materials will be held in bunkers or open areas beside balers and moved, sorted and processed by CAT wheeled loaders and forklifts. Fiber materials will be held in designated areas around the Balers while C&D Materials will be sorted and loaded into 30 yard roll off containers and open top trailers. We anticipate materials to be stored in these containers no more than overnight until full and hauled to the appropriate recycling facility or landfill. The flow of materials for fiber will include OCC and SOP bales stacked in designated areas until trucks are loaded for shipment. We will not be processing any construction debris at this facility, transfer only. All sorted C&D materials will be transferred via Rolloff trucks or open top trailers to designated construction debris recycling sites at the New Hanover County Landfill, or other approved facility. All trash that is removed and or left over will be collected in 30 and 60 yard containers and hauled to the New Hanover County Landfill. Due to the close proximity of the landfill we will be able to remove any materials from our facility on a daily basis. We will not accept any asbestos into the facility and will direct any inquiries to the currently approved landfill at Sampson County. As a result we will not be involved in or with demolition projects involving asbestos.

7. The only materials we intend to store on a short term basis will be OCC, SOP and various plastics from C&D sorting. These materials will be stored inside the facility and moved by freight trucks to approved operations which includes Georgia Pacific/Harmon, and Carolina Fiber in Raleigh NC., on a weekly/monthly basis.
8. We will utilize a CAT 236 wheeled loader, forklift, 3 open top trailers and horizontal baler. Various tandem axle Rolloff trucks will haul designated materials.
9. The facility falls under a site wide cleaning program and sanitizing protocols per the landlord. Our internal cleaning will include normal janitorial inspections of bathrooms and offices. Facility wide litter pickups will be conducted weekly, daily when needed. All the material will be held indoors so there won't be a concern of windblown material leaving the facility.
10. All tipping areas and floors are enclosed under roof and will not be in contact with water. We will not be accepting solid waste and will not have contact water issues.
11. Coastal Fiber & Recycling receiving area and tipping floor, will be enclosed and completely covered, as a result there will be no water exposure, accumulation or run-off. The property does operate under a Storm Water Permit #NCG200000. Any water that is on the property is directed through drains and ditches to a holding pond. – Attachment "G"
12. We will utilize a series of eight signs starting at the entrance. These signs will include direction, (entrance and exit), Acceptable/Unacceptable materials signs, hours of operation, permit number, scale and ticket house location, phone number and local emergency contacts. Speed limit signs and security cameras are already on site.
13. Site security and access controls fall under current landlord site management. This is directed by Southern Metals Recycling. The facility is enclosed by tall fencing and gated entrances which are locked after hours. Coastal Fiber and Recycling will accept customers from 6:30 am to 4:30 pm Monday thru Friday.
14. A site manager will inspect incoming loads of materials and if unacceptable against our approved list mentioned above will be redirected to the approved and only waste disposal site, New Hanover County Landfill or the applicable local hazardous waste handler. Any unacceptable materials unloaded due to being undetectable by scale house, cameras, facility manager or loaders will be handled per hazardous waste guidelines and moved to appropriate areas daily and removed from our site to a permitted hazardous waste disposal site.

15. Collectively we have over 55 years of waste handling and recycling experience. A tenured, on site manager will oversee any training of new employees. We will adhere to any and all required NC state guidelines and requirements. Experience and valid resume will be required for any equipment operators and all safety procedures will be reviewed and training offered by an onsite OSHA certified Supervisor.
16. Fire prevention and response will work in unison with landlords approved safety plans and instructed internally by facility manager. A fire control plan is implemented by the facility operation manager as follows.
 1. Determine location of fire, explosion or emergency.
 2. Identify the source and extent of damage or hazard and take appropriate fire response initiatives including contacting local authorities and fire department if deemed necessary.
 3. Facility manager should then assess hazards and risks to employees and take appropriate steps to safeguard them while giving emergency priority to any injured parties.

Actions to control or contain the hazard, or fire should be taken as soon as deemed safe to do so and risks mitigated within reason. Fire protection includes fire extinguishers and a fire hydrant per city requirements. Regular training will include fire prevention and emergency response with emergency numbers posted near any phones.

17. The official operating file and copies of all permits, operations plans, inspections, correspondence, and site drawings will be stored in a safe secure place within the onsite office and secondary copies will be held with the Coastal Fiber & Recycling accounting office in Downtown Wilmington.

optional..... Coastal Fiber LLC is excited about this new recycling operation and what it can do for the area. We expect to work closely with the local community and leaders to build a successful recycling company that not only creates some relief for our landfill, but also provides a great alternative for businesses and individuals to recycle. Finally, we have created jobs and opportunities from the start and expect that to strengthen as we grow. We are already experiencing tremendous positive feedback and interest from many local and regional companies and see this trend continuing as we move forward and expand our capabilities.

Section 4 – Sedimentation and Erosion Control Plan

This is an existing facility with no modifications so it is not applicable.

Section 5 – Financial Assurance

Section 6 – Traffic Study

Please see attached letter from DOT Division Engineer stating a traffic study is not necessary. – Attachment “H”

Section 7 – Signature Pages

1. Applicant Signature Page – Attachment “I”
2. Operator Signature Page – N/A same as applicant
3. Landowner Certification Page – Attachment “J”

Section 8 – Engineering Drawings

This is an existing facility with no modifications so it is not applicable.

ATTACHMENT A



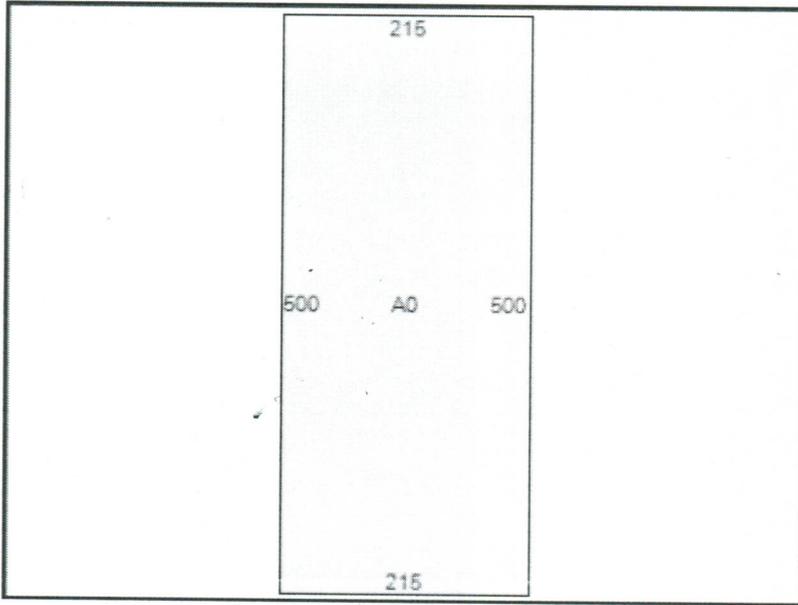
PROPERTY INFORMATION

PID # R03200-004-001-000 
Property Type: Other/Unclassified
Property Address:
2923 N 421 HWY
WILMINGTON, NC 28401-
Current Owner:
ALPER COMPANY LLC
Tax Mailing Address:
PO BOX 2139
WILMINGTON, NC 28402-2139

PIN (Alt ID): 311914.34.4439.000
Property Use:
(341)
Land Areas:
1. FABRICATED METAL / 341
Lot Size: 4.8 acres / 209,187 sf
Zoning: I-2
Latitude: 34.279773 **Longitude:** -
77.962454

Subdivision:

Legal Description:
(4.00 ACRES) PT PETER CAPE FEAR



ATTACHMENT C

PARID: R03200-004-001-000

ALPER COMPANY LLC

2923 421 HWY N

Parcel

Alt ID 311914.34.4439.000
Address 2923 N 421 HWY
Unit
City WILMINGTON
Zip Code -
Neighborhood CGRN1
Class IND-Industrial
Land Use Code 341-Fabricated Metal
Living Units
Acres 4.8023
Zoning I-2-INDUATRIAL DISTRICT

Legal

Legal Description (4.00 ACRES) PT PETER CAPE FEAR
Tax District FD

Owners

Owner ALPER COMPANY LLC
City WILMINGTON
State NC
Country
Zip 28402

THE DATA IS FROM 2014

Sales

Sale Date	Sale Price	Grantee	Grantor	Book	Page	Sale Key
14-JUL-97	\$0	ALPER COMPANY LLC	QUEENSBORO STEEL CORP	2209	0960	24394
01-JUL-75	\$0	QUEENSBORO STEEL CORP	* NOT IN SYSTEM *	1035	0545	24393

Sale Details

1 of 2

Sale Date 14-JUL-97
Sale Key 24394
Sale Price \$.00
Grantee ALPER COMPANY LLC
Grantor QUEENSBORO STEEL CORP
Sale Source -
Book 2209
Page 0960
Sale Validity U-Unqualified
Sale Type VACANT
Sale Flag
STEB
Instrument #
Instrument Type Warranty Deed
Adj. Reason
Adj. Price
Adj. Amount

Commercial

1 of 2

Card 1
Building Number 1
Structure Code/Description OFW-OFW
Improvement Name SO. METALS RECYCLE
Units 1
Year Built 1967
Effective Year Built 1970
Grade C
Class I-IND
Other Improvements
Other Imp Value
Total Under Roof 107500

Building Factor .75
 Percent Complete %
 Percent Good 52%
 Notes

Other Feature Details

1 of 4

Card 1
 Int/Ext Line 1
 Area 0
 Measurement 1 1
 Measurement 2 896
 Identical Units 1

Summary of Interior/Exterior Data

Card	Line Number	Section	From Floor	To Floor	Area
1	1	1	01	01	107,500
2	1	1	01	01	13,000

Interior/Exterior Details

1 of 2

Card 1
 Line Number 1
 Section 1
 From Floor 01
 To Floor 01
 Area 107,500
 Use Group WHS
 Class
 Physical Condition F
 Construction 4-4
 Wall Height 34
 Interior Wall 2-2
 Air 1-1
 Plumbing 0-0
 Units
 Functional Depr.
 Economic Depr.

Summary of All Other Features

Card	Int/Ext Line	Area
1	1	0
1	1	0
1	1	0
2	1	0

THE DATA IS FROM 2014

Misc. Improvements

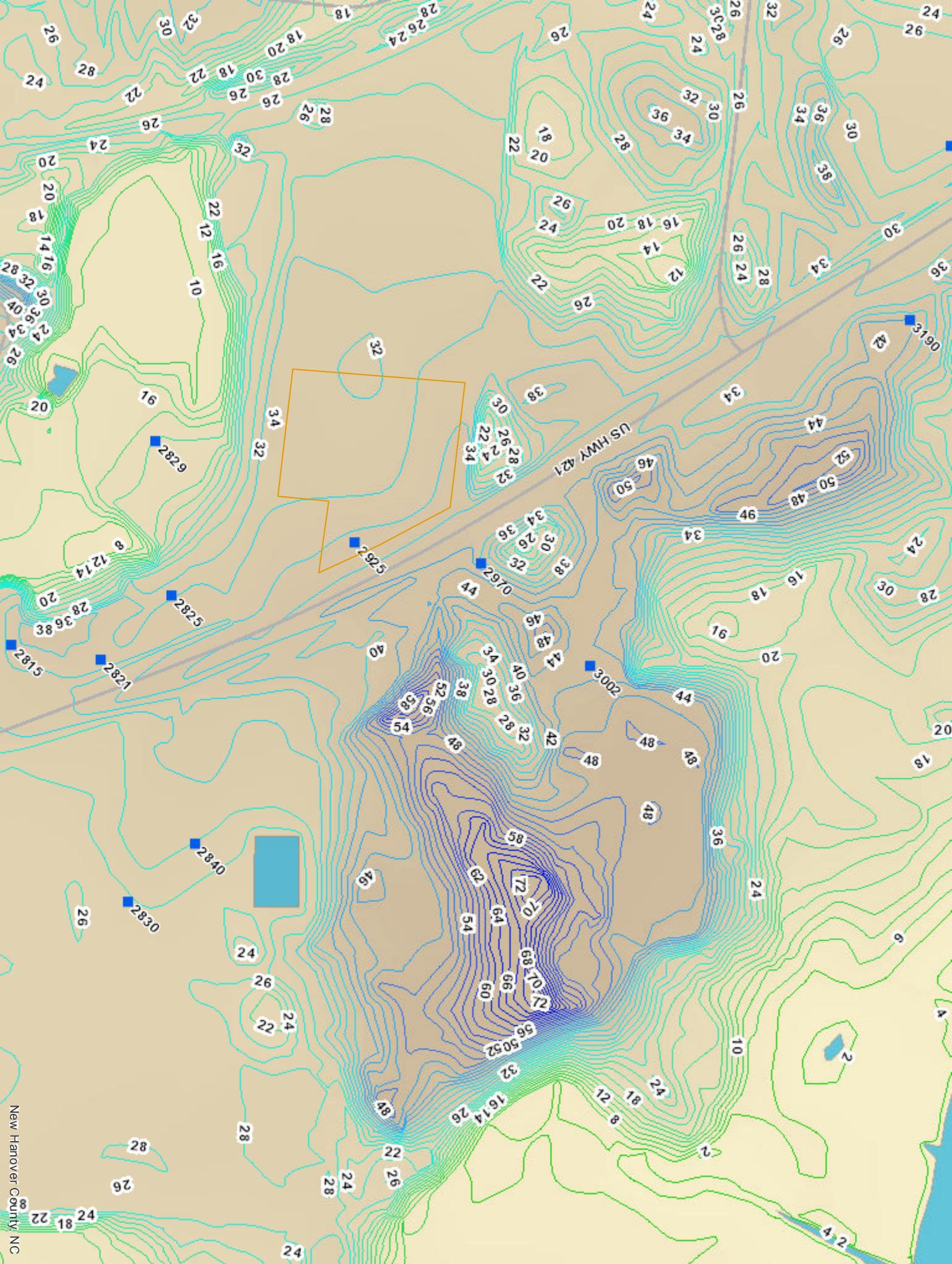
Card	Desc	Year Built	Grade	Width	Length	Area
1	UB-UB	1994	C	12	25	300
1	FEN-FEN	1967	C	1	1	760
1	RR-RR	1967	C	350	1	350

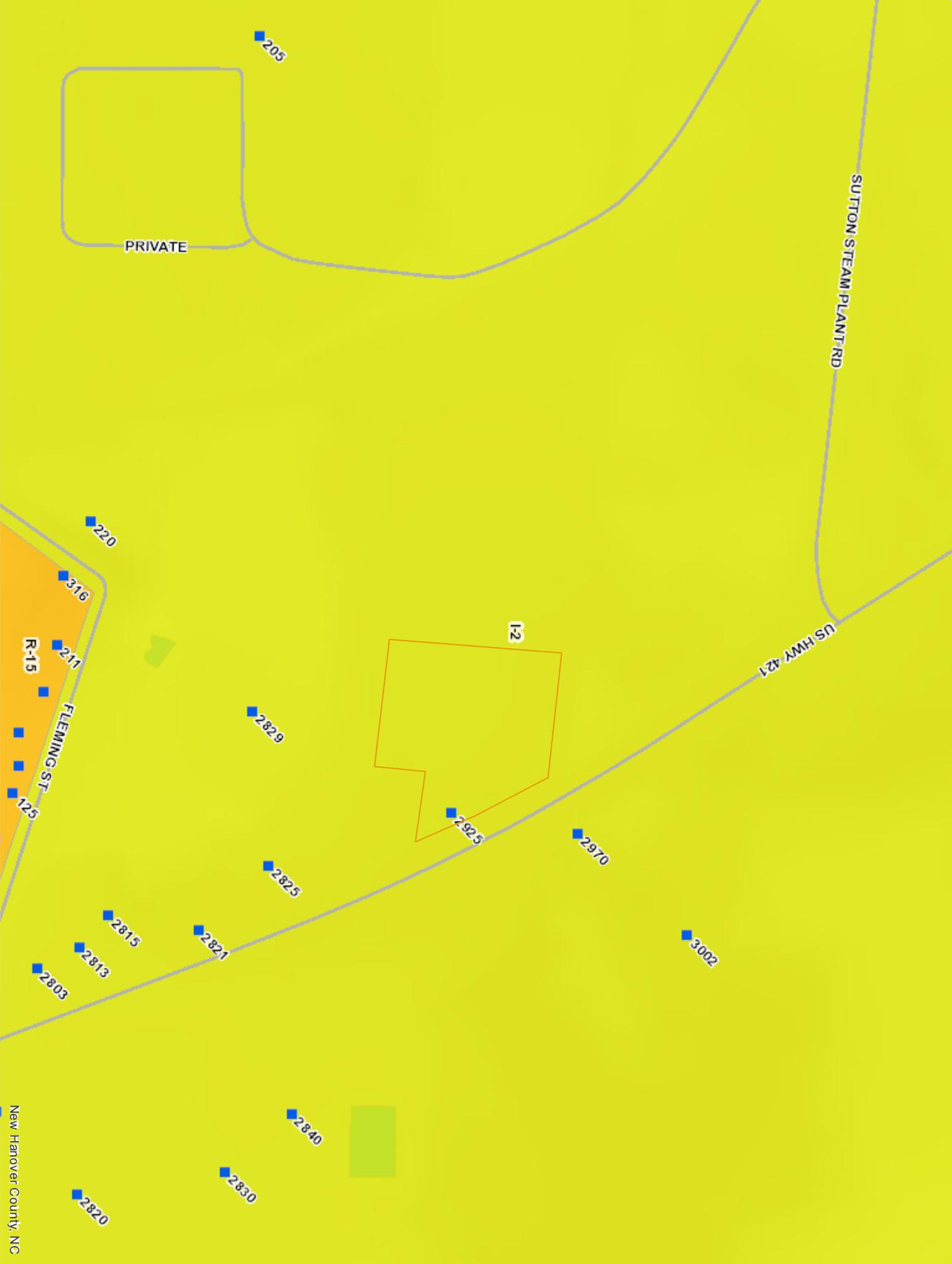
THE DATA IS FROM 2014

Values

Year	2014
Total Land	\$254,300
Total Buildings	\$1,502,800
Appraised Total	\$1,757,100

MARKET VALUE SHOWN - EXEMPTIONS TO BE REFLECTED IN AUG BILLS





SUTTON STEAM PLANT RD

US HWY 421

PRIVATE

I-2

FLEMING ST

205

220

316

217

R-15

125

2829

2825

2815

2821

2813

2803

2840

2830

2820

2925

2970

3002

GRID NORTH
SCALE 1" = 500' (1 : 6,000)

250 500 750 1,000 FEET

PANEL 3119J

FIRM
FLOOD INSURANCE RATE MAP
NORTH CAROLINA

PANEL 3119
 (SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

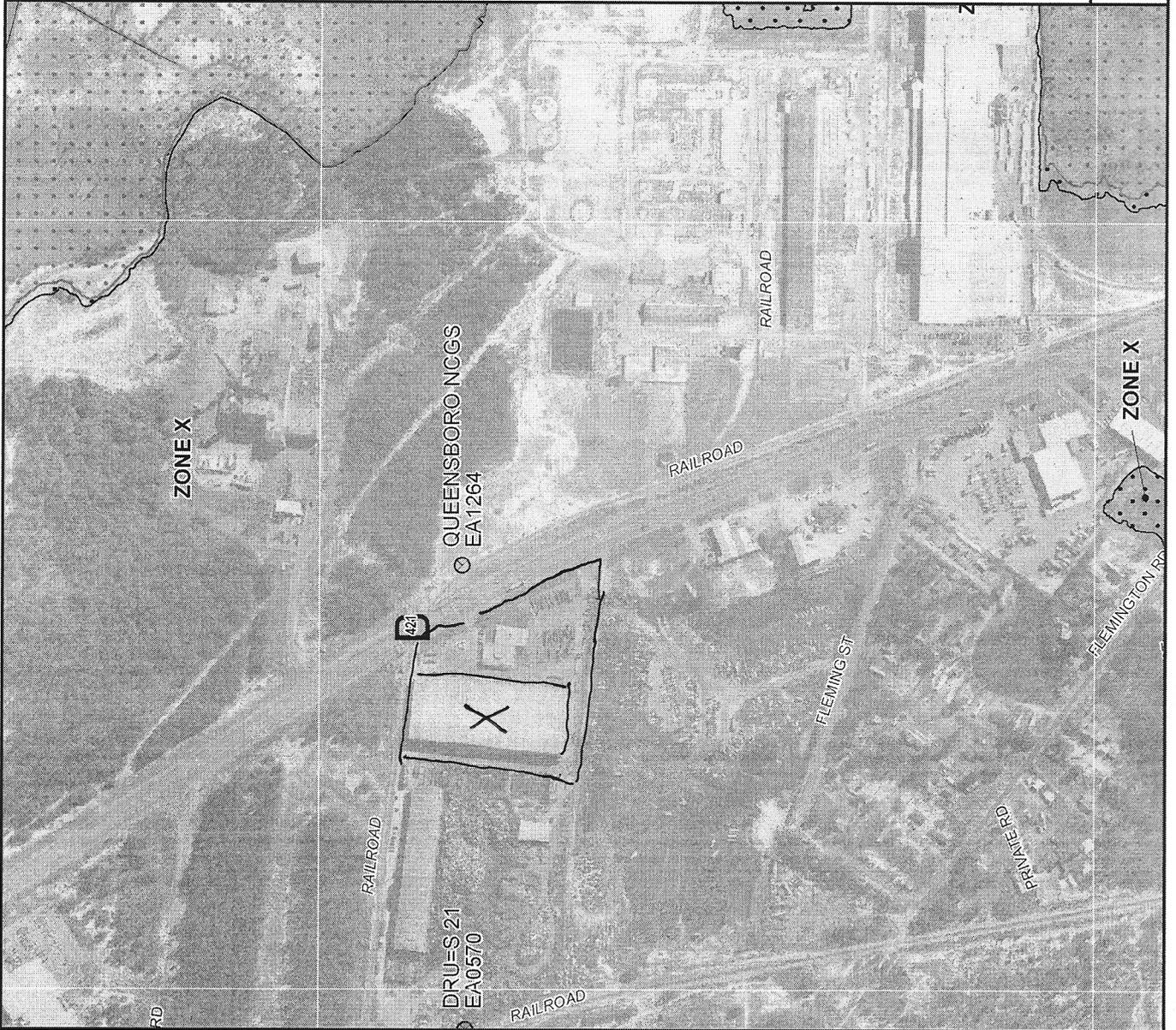
COMMUNITY	CID No.	PANEL	SUFFIX
NEW HANOVER COUNTY	370168	3119	J

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

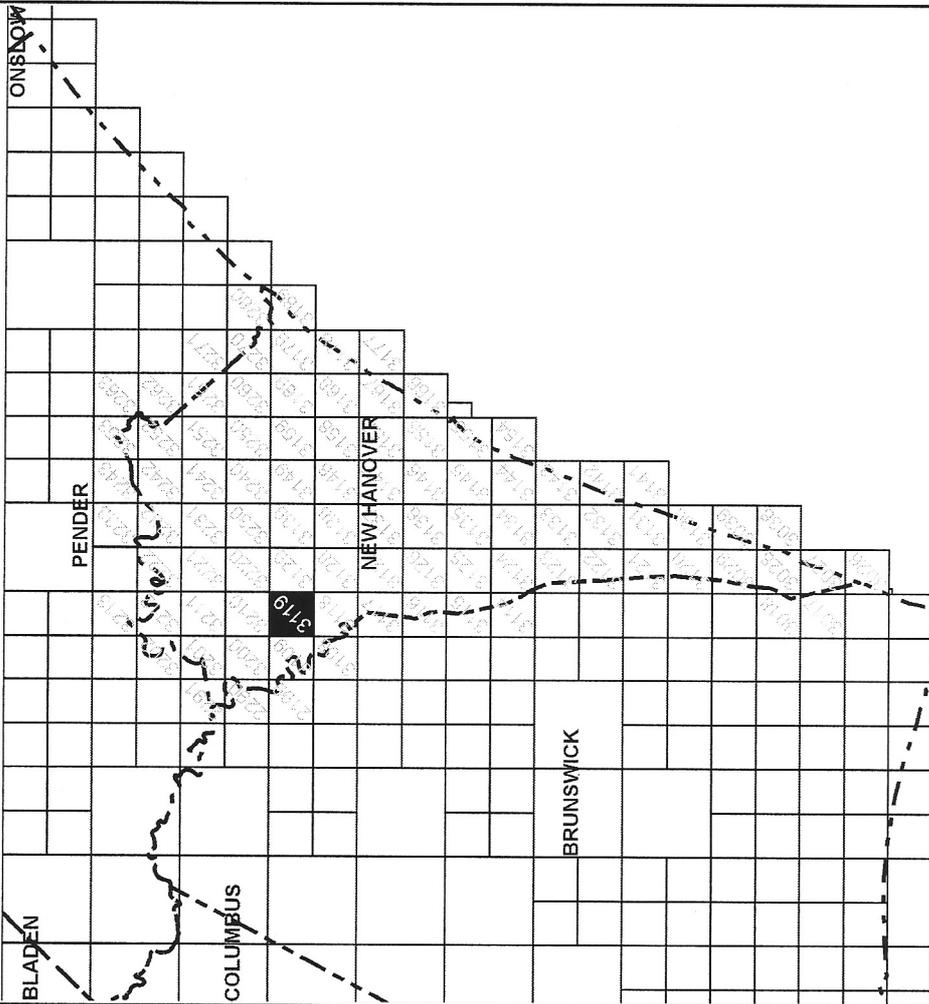
EFFECTIVE DATE **MAP NUMBER**
APRIL 3, 2006 **3720311900J**

State of North Carolina
 Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



STATE OF NORTH CAROLINA FIRM PANEL LOCATOR DIAGRAM

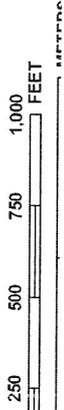


DATUM INFORMATION

The **projection** used in the preparation of this map was the North Carolina State Plane (FIPZONE 3200). The **horizontal datum** was the North American Datum of 1983, GRS80 ellipsoid. Differences in datum, ellipsoid, projection, or Universal Transverse Mercator zones used in the production of FIRMS for adjacent jurisdictions may result in slight positional differences in map features across jurisdictional boundaries. These differences do not affect the accuracy of this FIRM. All coordinates on this map are in U.S. Survey Feet, where 1 U.S. Survey Foot = 1200/3937 Meters.

Flood elevations on this map are referenced to the North American Vertical

GRID NORTH
SCALE 1" = 500' (1 : 6,000)



PANEL 3119J

FIRM
FLOOD INSURANCE RATE MAP
NORTH CAROLINA

PANEL 3119

(SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY NEW HANOVER COUNTY

CID No. 370166

PANEL SUFFIX 3119 J

Notice to User: The Map Number above hereby should be used when placing map orders. The Community Number above should be used on insurance applications for the subject community.

EFFECTIVE DATE **MAP NUMBER**
APRIL 3, 2006 **3720311900J**



State of North Carolina
Federal Emergency Management Agency

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STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENERGY, MINERAL AND LAND RESOURCES

GENERAL PERMIT NO. NCG200000
CERTIFICATE OF COVERAGE No. NCG200360

STORMWATER DISCHARGES
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission, and the Federal Water Pollution Control Act, as amended,

Southern Metals Recycling Inc

is hereby authorized to discharge stormwater from a facility located at

Southern Metals Recycling - Hwy 421 N
2923 Hwy 421 N
Wilmington
New Hanover County

to receiving waters designated as Northeast Cape Fear River, class SC;Sw water(s) in the Cape Fear River Basin(s) in accordance with the stormwater pollution management requirements, monitoring and reporting requirements, and other conditions set forth in Parts I, II, III and IV of General Permit No. NCG200000 as attached.

This certificate of coverage shall become effective February 2, 2015.

This Certificate of Coverage shall remain effective for the duration of the General Permit.

Signed this day February 2, 2015.



for Tracy E. Davis, P.E., CPM
Director, Division of Energy, Mineral and Land Resources
By the Authority of the Environmental Management Commission



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

March 2, 2015

Mr. Jeremy Alper
Coastal Fiber & Recycling
2925 US Highway 421 N
Wilmington, NC 28401

SUBJECT: Coastal Fiber & Recycling - Traffic Impact

Dear Mr. Alper,

In response to your request for a waiver of a detailed study of traffic impact for Coastal Fiber & Recycling located on US 421 in Wilmington, I offer the following information:

G.S. 130A-295.5 states in 6(b): An applicant for a permit for a sanitary landfill or for a transfer station may satisfy the requirements of subsection (a) of this section by obtaining a certification from the Division Engineer of the Department of Transportation that the proposed facility will not have a substantial impact on highway traffic. (2007-550, s. 8(a).)

Based on the information available to me, including, but not limited to the fact that:

- A Recycling Facility has been operational in the location for several years,
- There are only 10-15 trucks a day using the facility,
- There is an existing left turn into the road that leads to the facility,
- If the trucks did not use the recycling facility, they would most likely wind up in the landfill right past your facility, so they are not adding capacity to the roadway,
- There haven't been any significant traffic issues with the existing facility and no indication of a foreseen dramatic increase in the number of vehicles:

Therefore, I see no need in conducting an extensive traffic study of impacts for this location. If conditions change, we may need to reevaluate the need for one, but at this time, this letter may be used to fulfill section 6(b) and certify the facility should not have a substantial impact on highway traffic.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Collette".

Karen Eason Collette, PE
Division Engineer

KEF/jkef

Applicant Signature Page

Name of Facility Coastal Fiber + Recycling, LLC

I certify that I have read and understand this application and that the information provided is true, accurate, and complete to the best of my knowledge.

I understand that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000.00) per day per each violation of the Solid Waste Management Rules. I further understand that the Solid Waste Management Rules may be revised or amended in the future and that the facility siting and operations of this solid waste management facility will be required to comply with all such revisions or amendments.

Jeremy Alper Signature Jeremy Alper Print Name 3/5/15 Date

Manager Title

Coastal Fiber + Recycling, LLC Business or Organization Name

CERTIFICATION BY LAND OWNER (IF DIFFERENT FROM APPLICANT)

Facility Name: Coastal Fiber + Recycling, LLC

Facility Type: Recycling Center

I hereby certify that I have read and understand the application submitted by Coastal Fiber + Recycling for a solid waste management permit on land owned by the undersigned located at

Address: 2923 Hwy 421 N City Wilmington State NC

New Hanover County, and described in Deed Book: 2209 Pages: 0960

I specifically grant permission for the proposed facility planned for operation within the confines of the land, as indicated in the permit application. I understand that any permit will be issued in the names of both the operator and the owner of the facility/property. I acknowledge that ownership of land on which a solid waste management facility is located may subject me to cleanup of said property in the event that the operator defaults as well as to liability under the federal Comprehensive Environmental Responsibility, Compensation and Liability Act ("CERCLA"). Without accepting any fault or liability, I recognize that ownership of land on which a solid waste management facility is located may subject me to claims from persons who may be harmed in their persons or property caused by the solid waste management facility.

I am informed that North Carolina General Statute 130A-22 provides for administrative penalties of up to fifteen thousand dollars (\$15,000) per day per each violation of the Solid Waste Management Rules. I understand that the Solid Waste Management Rules may be revised or amended in the future, and that the siting and operation of the facility will be required to comply with any such revisions or amendments.

Mark Alper
Signature

Mark Alper
Printed Name

3/6/15
Date

Manager
Title

Alper Company
Business or Organization Name

NORTH CAROLINA

Brunswick County

Christina Siaki-Randolph, a Notary Public for said County and State, do

hereby certify that Mark Alper personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand official seal, this the 6 day of March, 2015.

Notary Public Christina Siaki-Randolph

My commission expires July 2, 2016.

