

**BARNHILL
CONTRACTING
COMPANY**

2311 North Main Street
PO Box 1529
Tarboro, North Carolina 27886
252-823-1021 Fax: 252-823-0137
www.barnhillcontracting.com

APPROVED
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

Date 01/24/2011 By Patricia M. Beckus

Attachment 1 Part II Document 1
Permit 82-06 PERMIT DIN 12622

November 17, 2010

NCDENR, Division of Waste Management
Solid Waste Section Permitting
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Updated information for Faison Plant Site Asphalt Shingle Processing Application

Enclosed is all the updated information that you requested per your letter dated November 10, 2010. Barnhill Contracting Company feels we have now addressed these areas of concerns that were mentioned.

If you have any questions or concerns during the review of this permit application, please give me a call.

Thanks for your help,

David Glover



**BARNHILL
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2311 North Main Street
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www.barnhillcontracting.com



Letter of Transmittal

October 15, 2010

NC DENR, Division of Waste Management
Solid Waste Section Permitting
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: New Asphalt Shingle Processing Application

Barnhill Contracting Company is requesting a new Asphalt Shingle Permit for the sole purpose to be able to receive and to process tear-off shingles. Our intention is to use this product in our process of producing hot mix asphalt. We now have in place an Operational plan for shingles.

If you have any questions or comments during the review of this permit application, please give me a call.

Thanks for your help,

David Glover

Barnhill Contracting Company
Treatment and Processing Facility
For
Recycling Asphalt Shingles
“Operation Plan Table of Contents”

Letter of Transmittal

Title Page

Table of Contents

General Information

Property Information

Operation Plan/Erosion Control Plan

Financial Assurance

Signature Pages

Engineering Drawings

GENERAL INFORMATION

Applicant:

Barnhill Contracting Company

2808 West NC 403 Highway

Faison, NC 28341

Landowner:

Barnhill Contracting Company

P.O. Box 1529

Tarboro, NC 27886

Contact for Billing of Permit and Annual Fees:

David Glover

Asphalt/QC General Manager

P.O. Box 1529

Tarboro, NC 27886

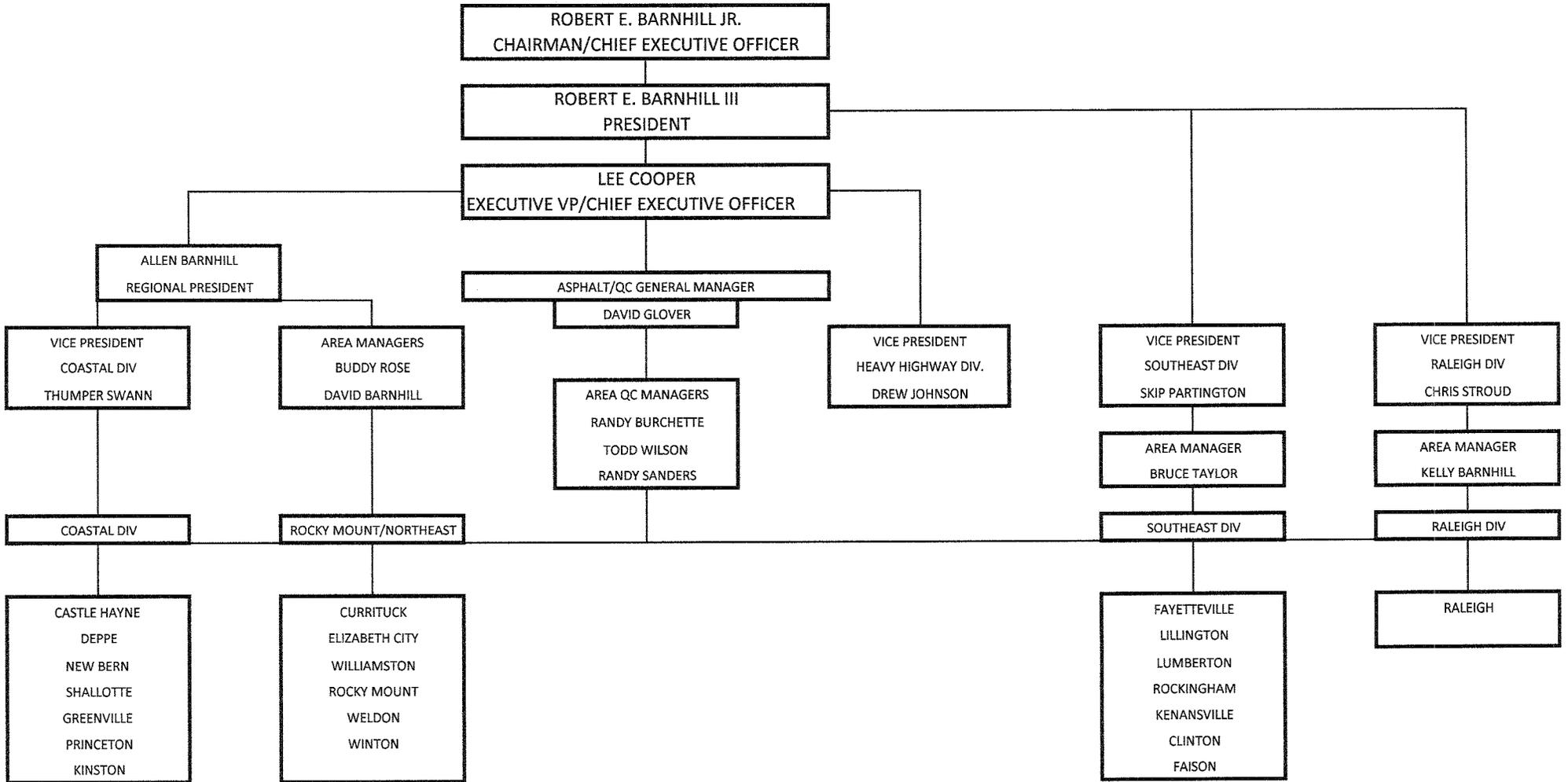
Phone: 252-824-8273

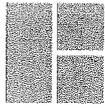
Cell: 252-883-4786

Fax: 252-824-8276

Email: dglover@barnhillcontracting.com

BARNHILL CONTRACTING COMPANY
OPERATIONS ORGANIZATIONAL CHART





**BARNHILL
CONTRACTING
COMPANY**

2311 North Main Street
PO Box 1529
Tarboro, North Carolina 27886
252-823-1021 Fax: 252-823-0137

www.barnhillcontracting.com

The property of Barnhill Contracting Company located at 2808 West NC 403 Highway Faison, NC 28341 has not been previously used for solid waste management activities. The property is recorded in Duplin County Book 1000 Page 118 and is also recorded in Sampson County in Volume 1070 Page 577 because the county line runs thru the property.

Attached is a copy of the Deed and map. Also included is a site map with the area that is paved with the plant located on it. We also included a map of the finished grade of elevations that we used to determine the water flow on this property. You will also find a site sketch of this property from our storm water plan, permit number 160197 with the plant and stockpiles of material used for the production for asphaltic bituminous mix production along with the outfall locations.

(102)

Duplin Co

BOOK 1000 PAGE 118

DRAFTSMAN: PHILLIPS & PHILLIPS, ATTORNEYS AT LAW, KENANSVILLE, NC 28349-0727

NORTH CAROLINA

SAMPSON Co.
Vol. 1070 Page 577

DUPLIN AND SAMPSON COUNTIES

THIS DEED, made and entered into this the 26th day of April, 1988, by and between D. STEWART PRECYTHE, divorced, of Duplin County, North Carolina, party of the first part, to BARNHILL CONTRACTING COMPANY, of Cumberland County, North Carolina, party of the second part;

WITNESSETH, That said party of the first part, for and in the consideration of the sum of Ten Dollars and other good and valuable consideration to him in hand paid, the receipt of which is hereby acknowledged, has bargained and sold and by these presents does grant, bargain, sell and convey unto the said party of the second part, its successor and assigns, all that certain tract or parcel of land in Faison Township, Duplin County, and in Piney Grove Township, Sampson County, North Carolina, and bounded and described as follows:

BEGINNING at an iron stake set in the centerline of N. C. Highway No. 403, said iron stake being designated as corner No. 4 on a map prepared by Owen Surveying dated February 15, 1988, and being located North 79 degrees 19 minutes 17 seconds West 397.30 feet from an existing nail and cap in the centerline intersection of Secondary Road No. 1323 and N. C. Highway No. 403, said beginning point is also located North 70 degrees 24 minutes 12 seconds East 93.03 feet from N. C. Geodetic Survey Station "Ireland 1933" having N. C. Grid Coordinates of X = 2,247,840.760 and Y = 497,753.529 (1983 N. A. Datum); running thence from said beginning point with the centerline of N. C. Highway No. 403, North 79 degrees 23 minutes 38 seconds West 834.51 feet to an iron stake set directly over a 60" concrete "box-type" culvert through which passes the run of Panther Branch; thence down the run of Panther Branch, North 30 degrees 30 minutes 58 seconds East 395.30 feet, North 09 degrees 58 minutes 04 seconds East 148.83 feet, North 02 degrees 02 minutes 13 seconds West 244.10 feet, North 19 degrees 12 minutes 57 seconds West 179.40 feet, North 19 degrees 46 minutes 37 seconds East 308.97 feet, North 77 degrees 55 minutes 17 seconds East 226.33 feet and North 53 degrees 20 minutes 33 seconds East 88.20 feet to an iron stake at the intersection of a ditch with the run of said Panther Branch, corner No. 25; running thence with the ditch South 40 degrees 29 minutes 14 seconds East 555.08 feet, South 30 degrees 02 minutes 31 seconds East 319.72 feet and South 18 degrees 54 minutes 54 seconds West 788.48 feet to the point of beginning, CONTAINING 22.32 acres, more or less, with all lines correct in their angular relations and relative to N. C. Grid North.

The above described parcel of land is a portion of the 272.5 acre tract which was conveyed from The Federal Land Bank of Columbia, to D. Stewart Precythe, dated April 10, 1987, and recorded in Deed Book 982, Page 489, of the Duplin County Registry.

A more complete description of the above property is shown on a map entitled: "PROPERTY TO BE CONVEYED TO BARNHILL CONTRACTING CO.", prepared by Owen Surveying, dated February 15, 1988, a copy of said map being attached hereto, incorporated herein, and by reference made a part hereof.

It being further stipulated and agreed by and between the parties hereto, that as to the present and existing farm path across the premises, that the party of the first part, D. Stewart Precythe, his heirs, successors and assigns, shall have the right of ingress, egress and regress over and upon said existing farm path for the purpose of maintaining access to adjacent properties as owned by D. Stewart Precythe.

Date 4-28-88

Norman Sandlin Jr.
Tax Administrator

Duplin Co

BOOK 1000 PAGE 120

TO HAVE AND TO HOLD the aforesaid tract or parcel of land and all privileges and appurtenances thereto belonging to the said party of the second part, its successors and assigns to its only use and behoof forever. VOL 1070 pg: 578

Sampson Co

And the said party of the first part, for himself and his heirs, executors and administrators, covenants with said party of the second part, its successors and assigns, that he is seized of said premises in fee and has a right to convey in fee simple; that the same are free and clear from all encumbrances, and that he does hereby forever warrant and will forever defend the said title to the same against the claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the said party of the first part has hereunto set his hand and affixed his seal the day and year first above written and the word "Seal" appearing after the name of the grantor hereinafter is hereby adopted as his seal.



D. Stewart Precythe (SEAL)
D. STEWART PRECYTHE

DUPLIN COUNTY
Sampson

I, a Notary Public of ~~DUPLIN~~ Sampson County, North Carolina, do hereby certify that D. STEWART PRECYTHE, divorced, personally appeared before me this day and acknowledged the due execution of the foregoing Deed for the purposes therein expressed, witness my hand and notarial seal this 27 day of April, 1988. My commission expires: 1-29-92

Beth R. Warren

Notary Public



NORTH CAROLINA

DUPLIN COUNTY

The foregoing certificate of *Beth R. Warren*, a Notary Public of ~~Duplin~~ Sampson County, North Carolina, is certified to be correct. This instrument duly recorded and verified, this 28 day of April, 1988, at 11:46 o'clock A. m. in the Book and Page shown on the first page hereof.

CHRISTINE W. WILLIAMS,
Register of Deeds

BY: *T. J. Quinn*
Deputy/Asst. Register of Deeds

NORTH CAROLINA

SAMPSON COUNTY

The foregoing certificate of *Beth R. Warren*, a Notary Public of ~~Duplin~~ Sampson County, North Carolina, is certified to be correct. This instrument duly recorded and verified, this 29th day of April, 1988, at 1:35 o'clock P. m. in the Book and Page shown on the first page hereof.

Mae H. Howblyfield
Register of Deeds
Deeds/1208
Descrp/1021

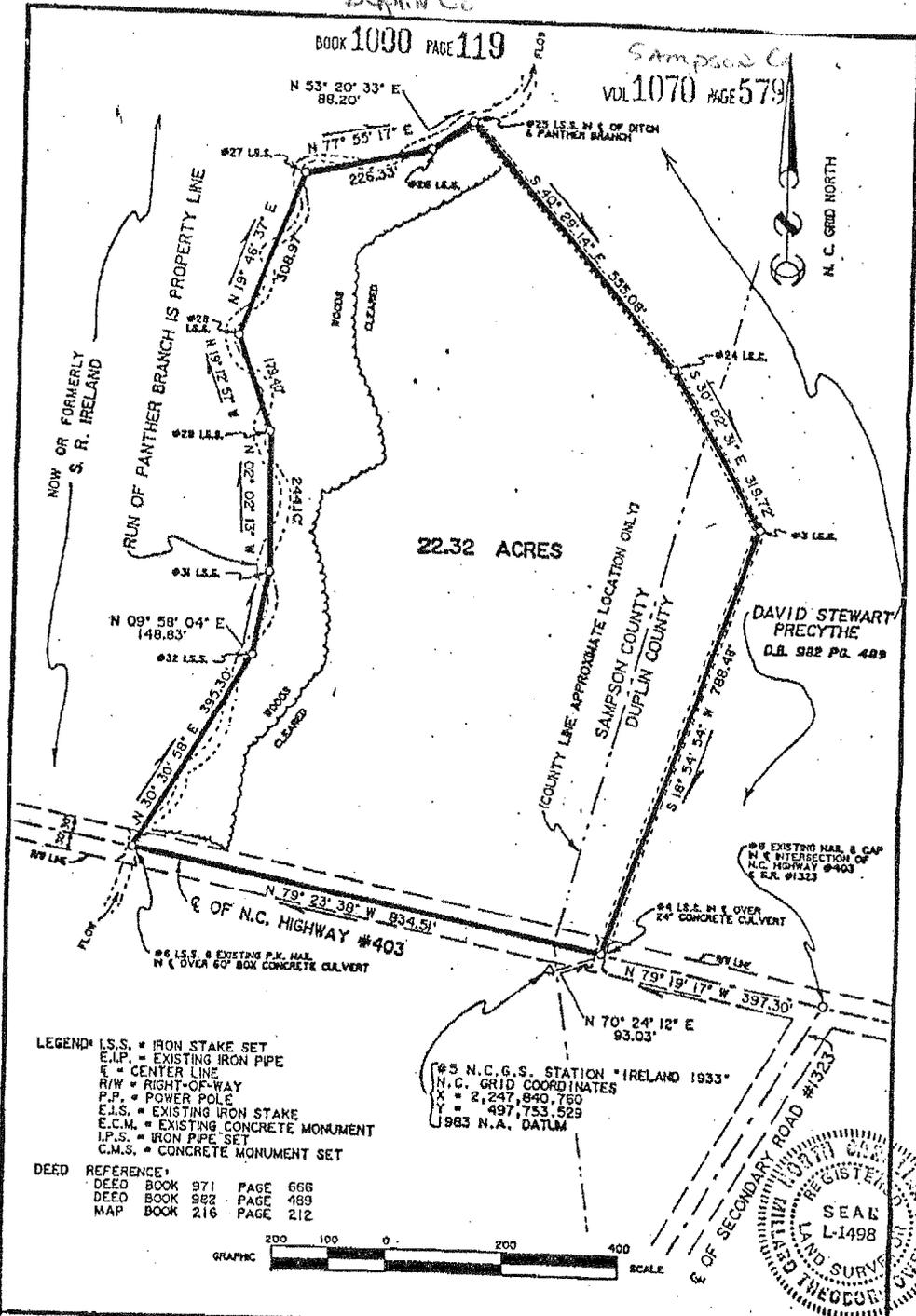
BY: *Betty C. Frederick*
Deputy/Asst. Register of Deeds

808
10/20

DuPon Co

BOOK 1090 PAGE 119

Sampson Co
VOL 1070 PAGE 579



OWEN SURVEYING
ROUTE 1 BOX 24-F
SALEMBURG, N. C. 28385

DATE: FEBRUARY 15, 1988

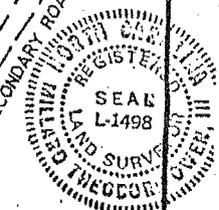
SCALE: 1 INCH = 200 FEET

PROPERTY TO BE CONVEYED TO

BARNHILL CONTRACTING CO.

FAISON TOWNSHIP, DUPLIN COUNTY, AND
 PINEY GROVE TOWNSHIP, SAMPSON COUNTY,
 NORTH CAROLINA

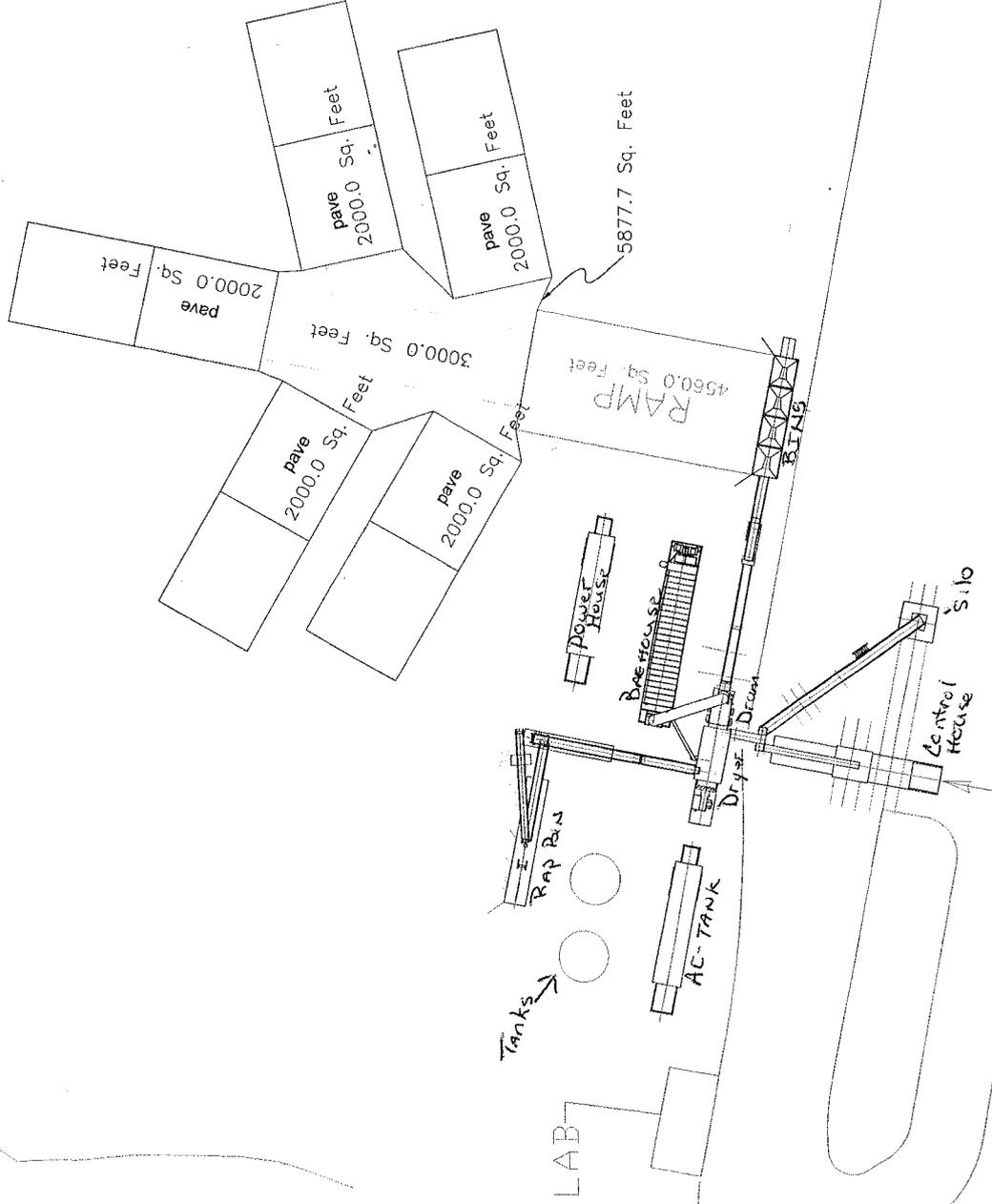
FILED
 DRAWN
 CHECKED
 BY



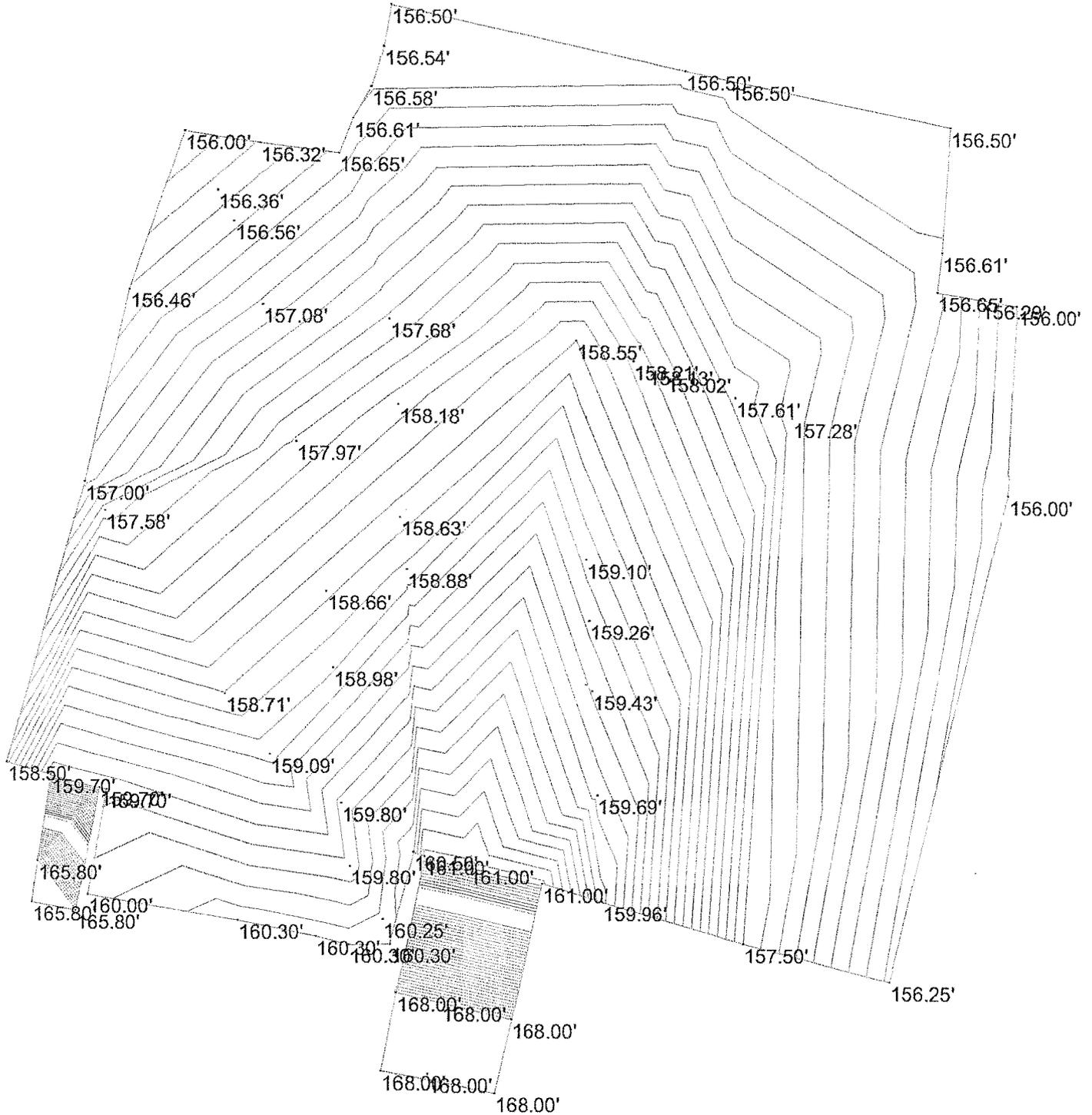
Site Plan

Pavement Area

- stock pile areas - 2000 sq ft. - total area - 10,000 sq ft.
- ramp area - 4560 sq ft.
- drive area with skirts to pile - 5877.7 sq ft.
- total of all paved areas - 20,438 sq ft.



69'



LCC - FAISON PLANT SITE - 7-7-09

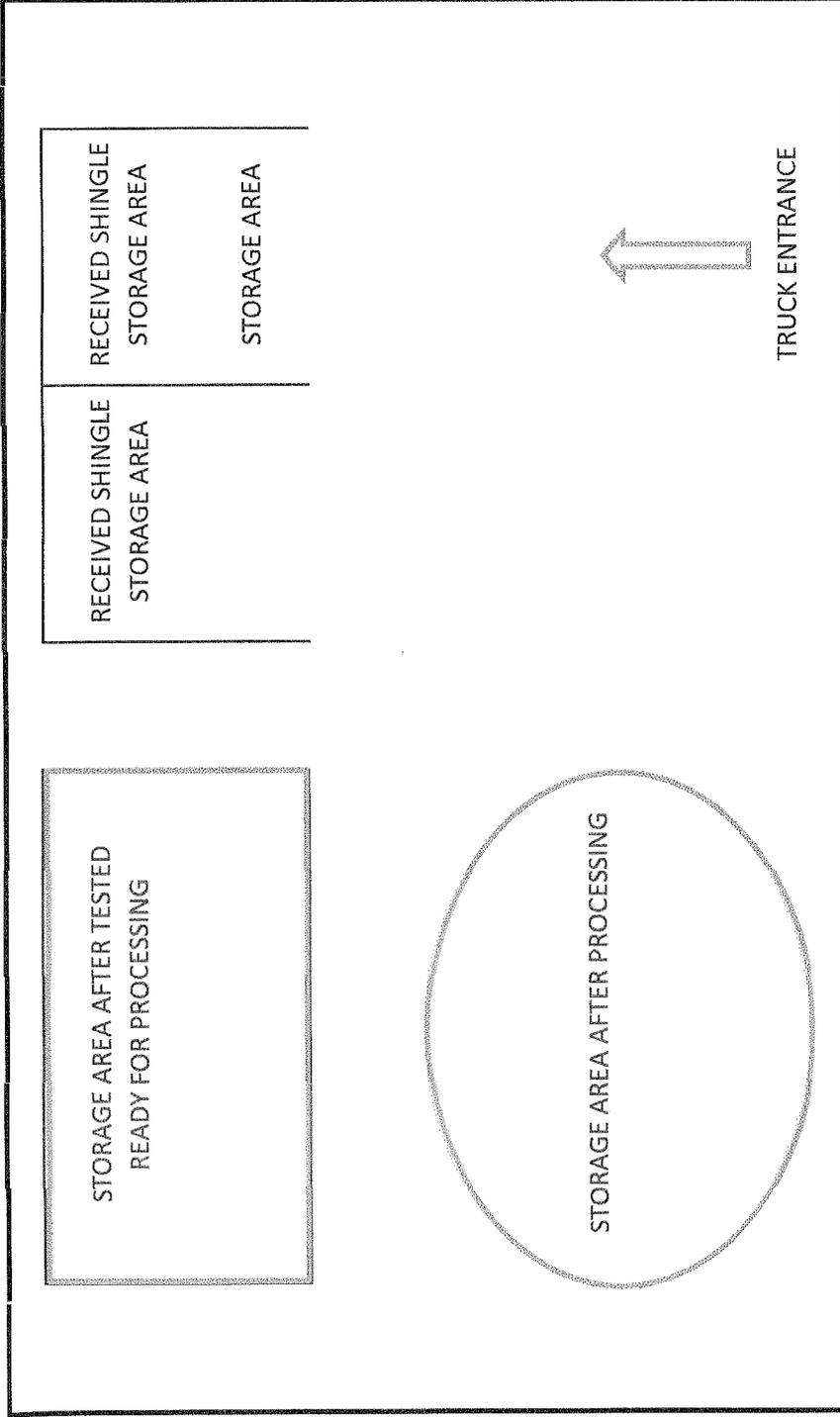
Comment: THIS MAP is a finished Grade Plan that we used to Determine water flow

Project : Project1

REVISED 11/17/2010

07/07/2009

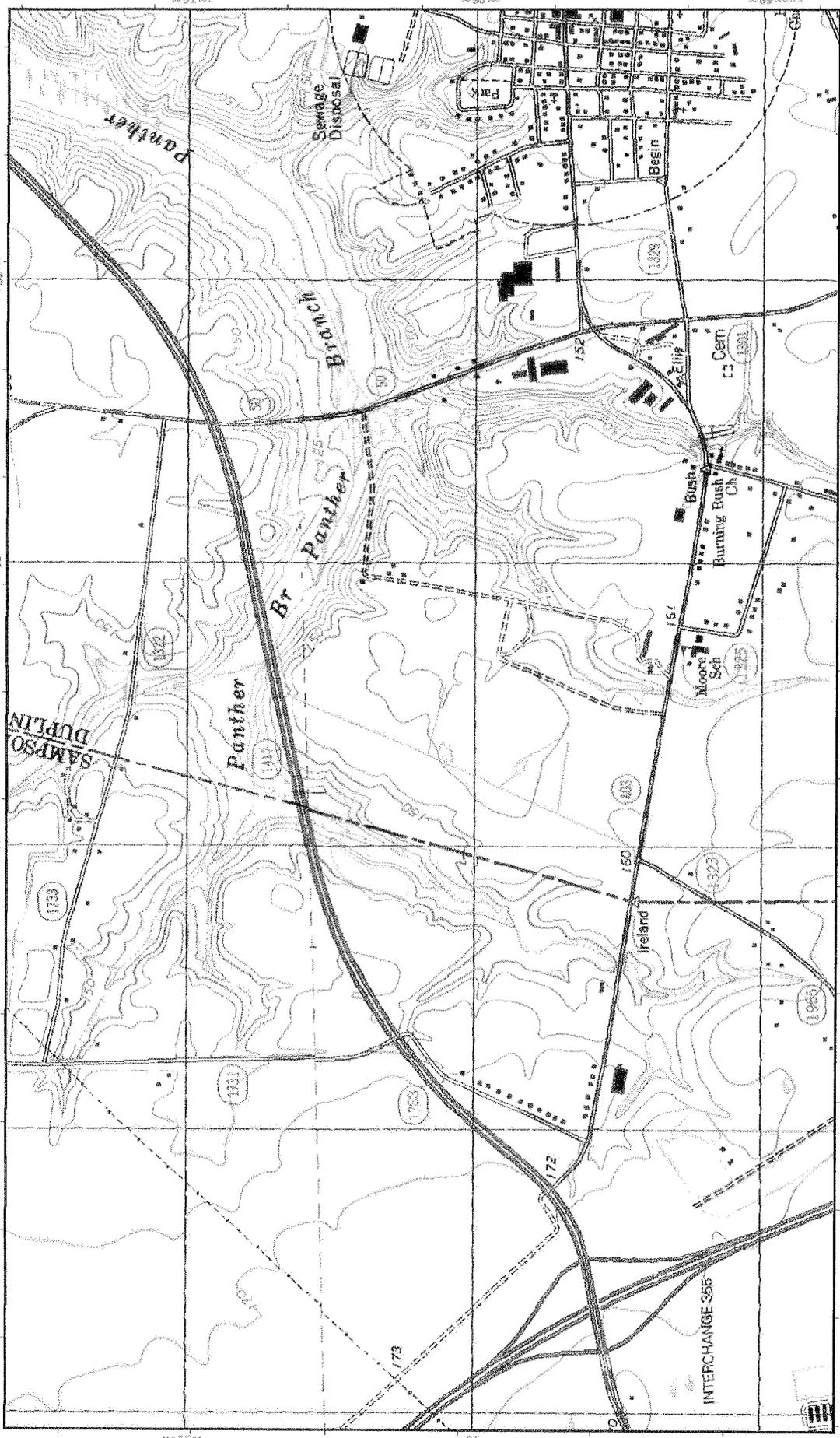
SHINGLE OPERATIONAL AREA



TOTAL AREA = 1 ACRE

Revised 11/17/2010

35°8'00" 35°7'45" 35°7'30" 35°7'15" 35°7'00" 35°6'45" 35°6'30"



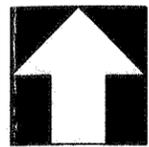
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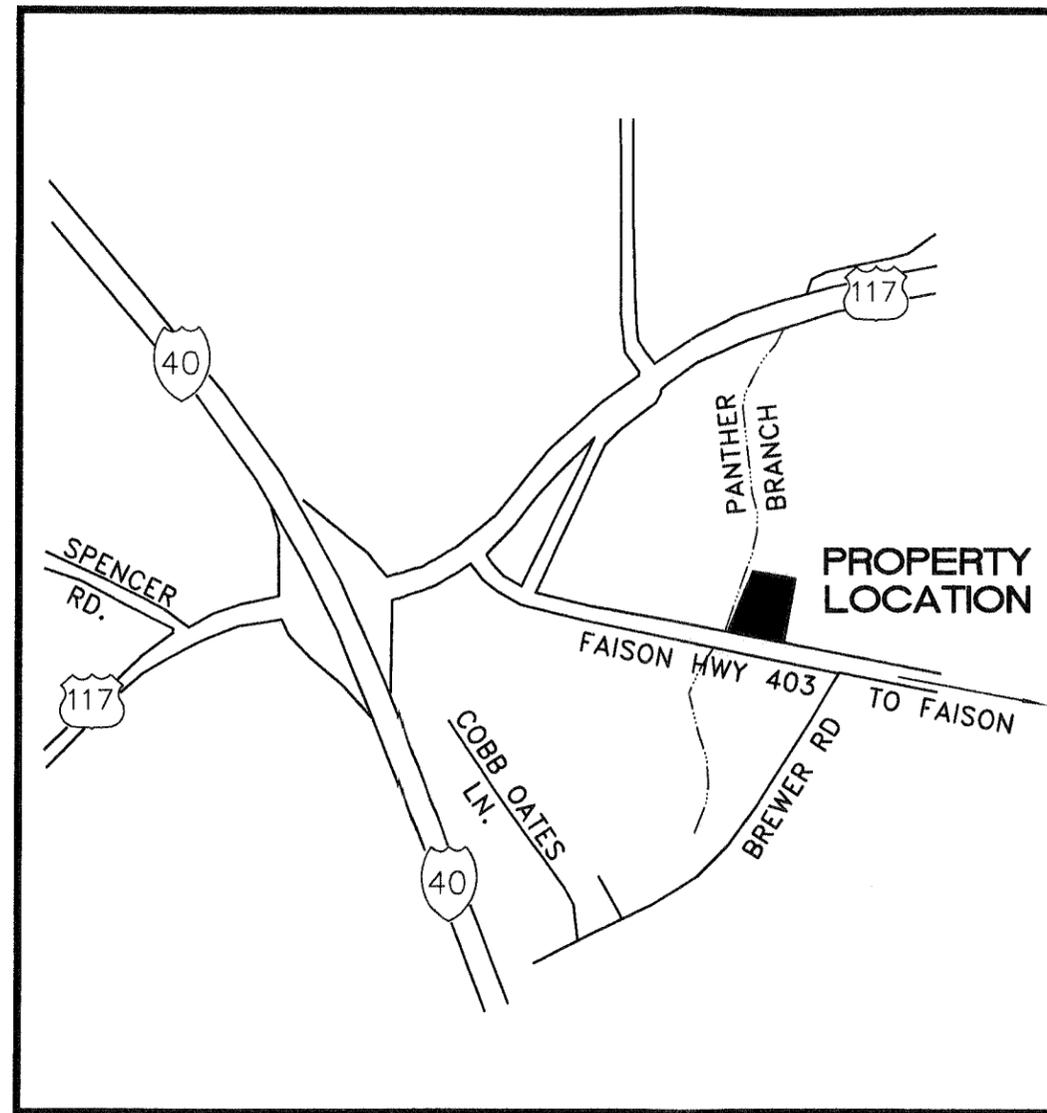
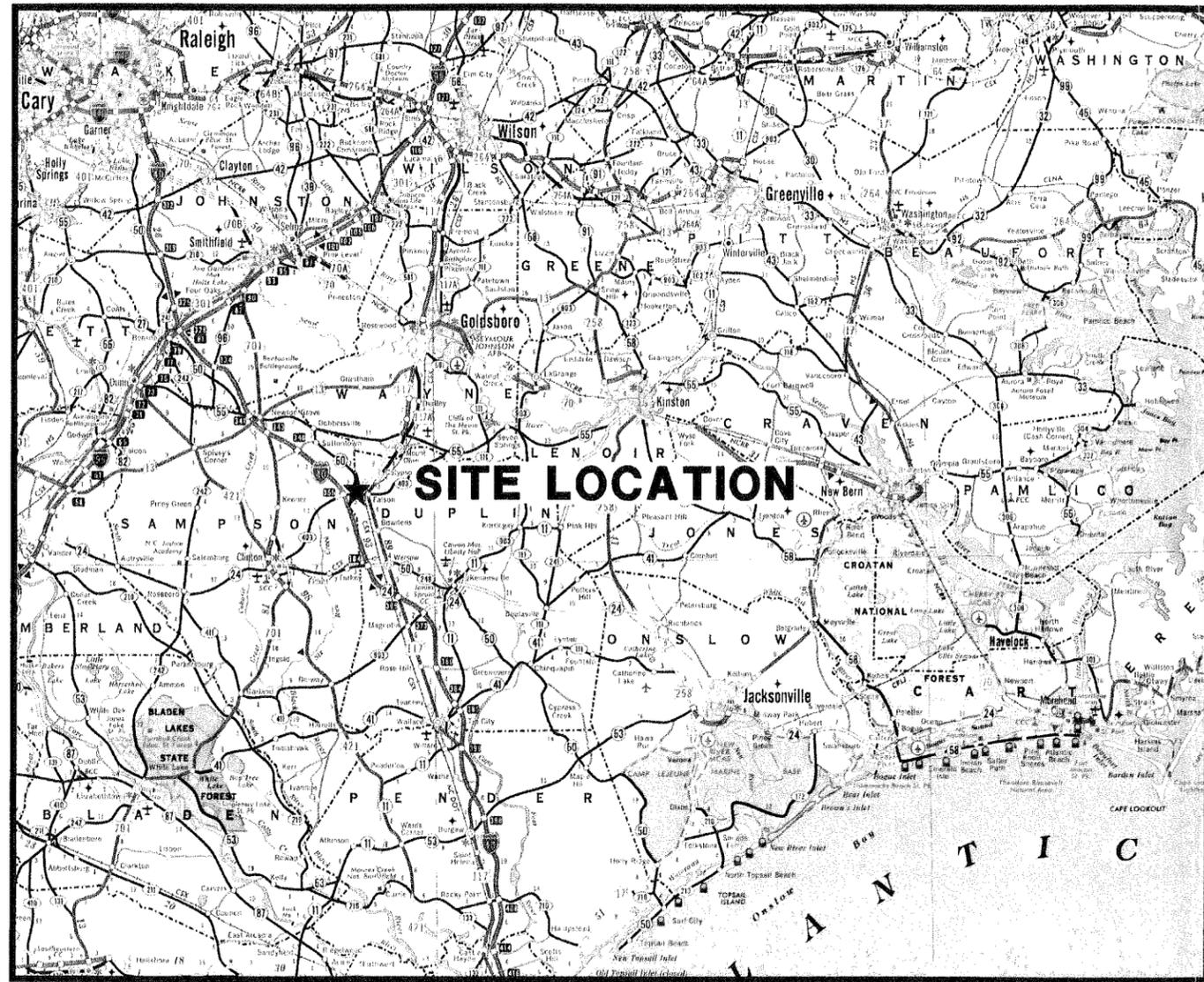
1970 Meters (791.15256) FEET
 1983 Meters (783.46456) FEET
 1983 Meters (783.46456) FEET
 1983 Meters (783.46456) FEET

Universal Transverse Mercator (UTM) projection, Zone 17
 North American Datum of 1983 (NAD83)

78°11'30" 78°11'15" 78°11'00" 78°10'45" 78°10'30" 78°10'15" 78°10'00" 78°9'45" 78°9'30" 78°9'15" 78°9'00" 78°8'45" 78°8'30" 78°8'15"



NORTH



CONSULTING ENGINEERS, P.A.
CIVIL, MUNICIPAL & STRUCTURAL ENGINEERS
COMPREHENSIVE ENVIRONMENTAL SERVICES
www.appianengineers.com
P.O. Box 7966 / Rocky Mount, N.C. 27804
Phone: (252) 972-7703
Fax: (252) 972-7638
EMAIL: admin@appianengineers.com

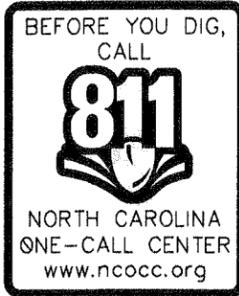
J.N.:	09-036
FILE NAME:	09036-S1
SCALE:	NOT TO SCALE
DATE:	APRIL 2009
SHEET #:	1 OF 2

**SITE SKETCH for
BARNHILL ASPHALT PLANT
SAMPSON COUNTY, N.C.**

ADA AND LEGAL DISCLAIMER
This document is not represented to comply with all requirements contained in the ADA or other laws. Engineers are not licensed to interpret laws or give advice concerning laws, the owner should have this document reviewed by his attorney to determine legal compliance.

LEGEND

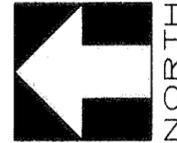
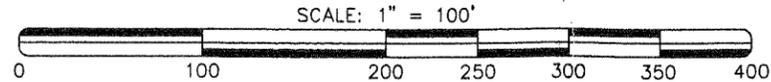
- (A) 30,000 GALLON ASPHALT CEMENT
- (a) 10,000 GALLON #2 DIESEL
- (B) 250 GALLON RELEASE AGENT
- (C) VARIOUS SIZED AGGREGATE BULK STORAGE



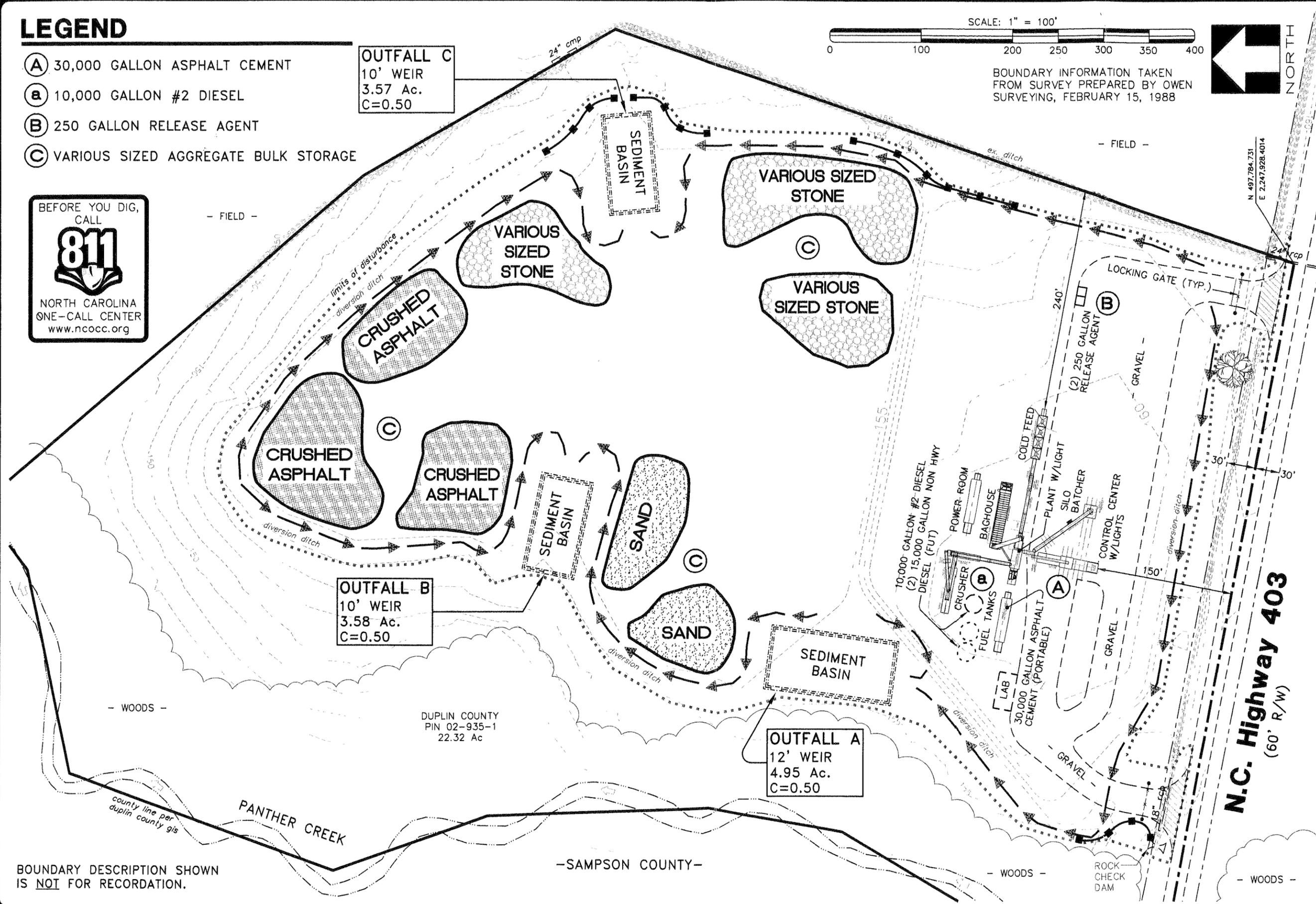
OUTFALL C
10' WEIR
3.57 Ac.
C=0.50

OUTFALL B
10' WEIR
3.58 Ac.
C=0.50

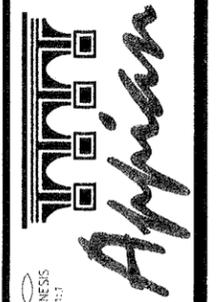
OUTFALL A
12' WEIR
4.95 Ac.
C=0.50



BOUNDARY INFORMATION TAKEN FROM SURVEY PREPARED BY OWEN SURVEYING, FEBRUARY 15, 1988



BOUNDARY DESCRIPTION SHOWN IS NOT FOR RECORDATION.



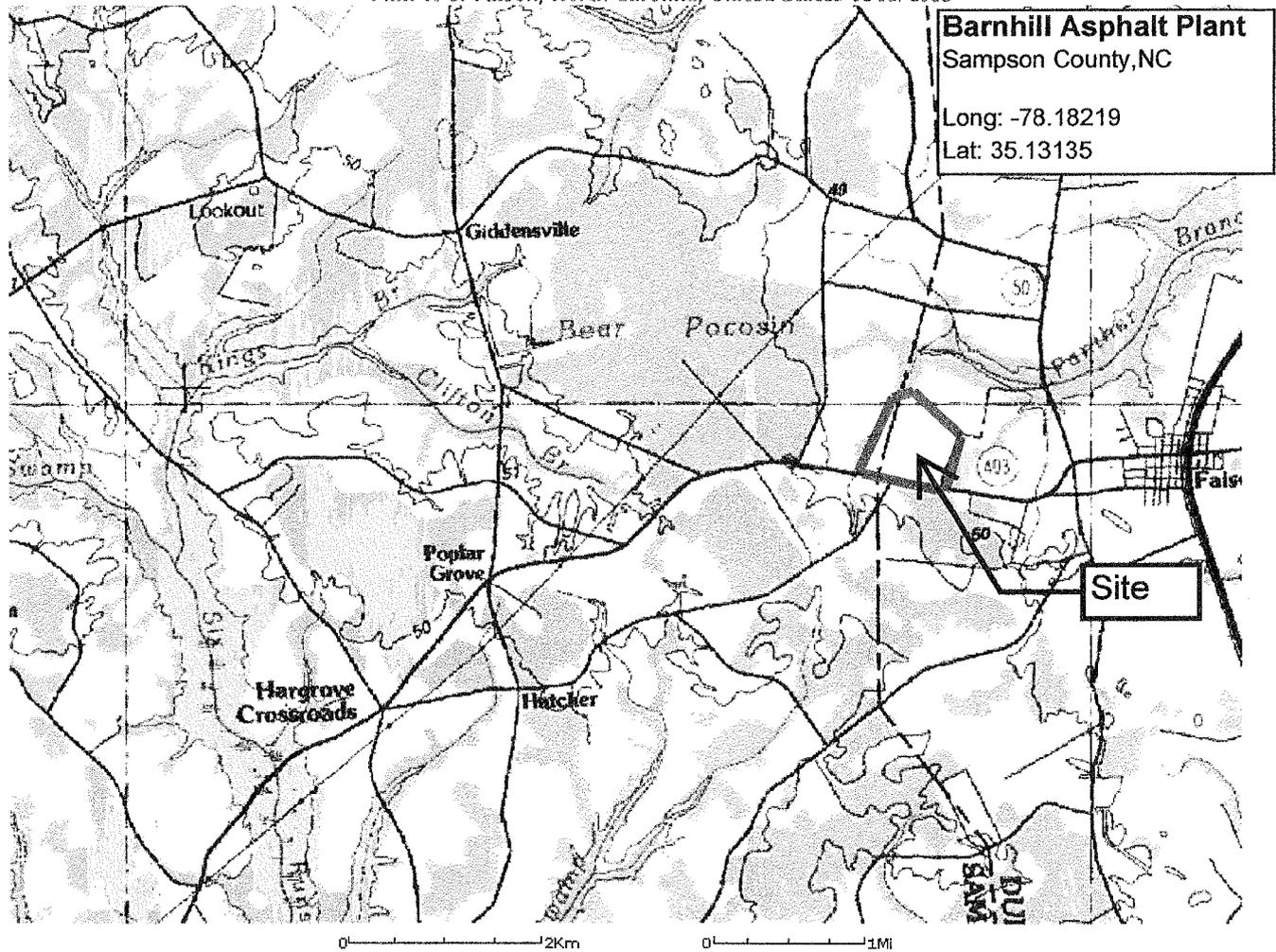
CONSULTING ENGINEERS, P.A.
CIVIL, MUNICIPAL & STRUCTURAL ENGINEERS
COMPREHENSIVE ENVIRONMENTAL SERVICES
www.appianengineers.com
P.O. Box 7966 / Rocky Mount, N.C. 27804
Phone: (252) 972-7703
Fax: (252) 972-7638
EMAIL: admin@appianengineers.com

DRAWN BY:	M.G.Jr.	J.N.	09-036
SCALE:	1"=100'	FILE NAME	09036-S1
DATE:	APRIL 2009	SHEET #:	2 OF 2

SITE SKETCH for
BARNHILL ASPHALT PLANT
SAMPSON COUNTY, N.C.

Send To Printer Back To TerraServer Change to 11x17 Print Size Show Grid Lines Change to Portrait

USGS 4 km W of Faison, North Carolina, United States 01 Jul 1983

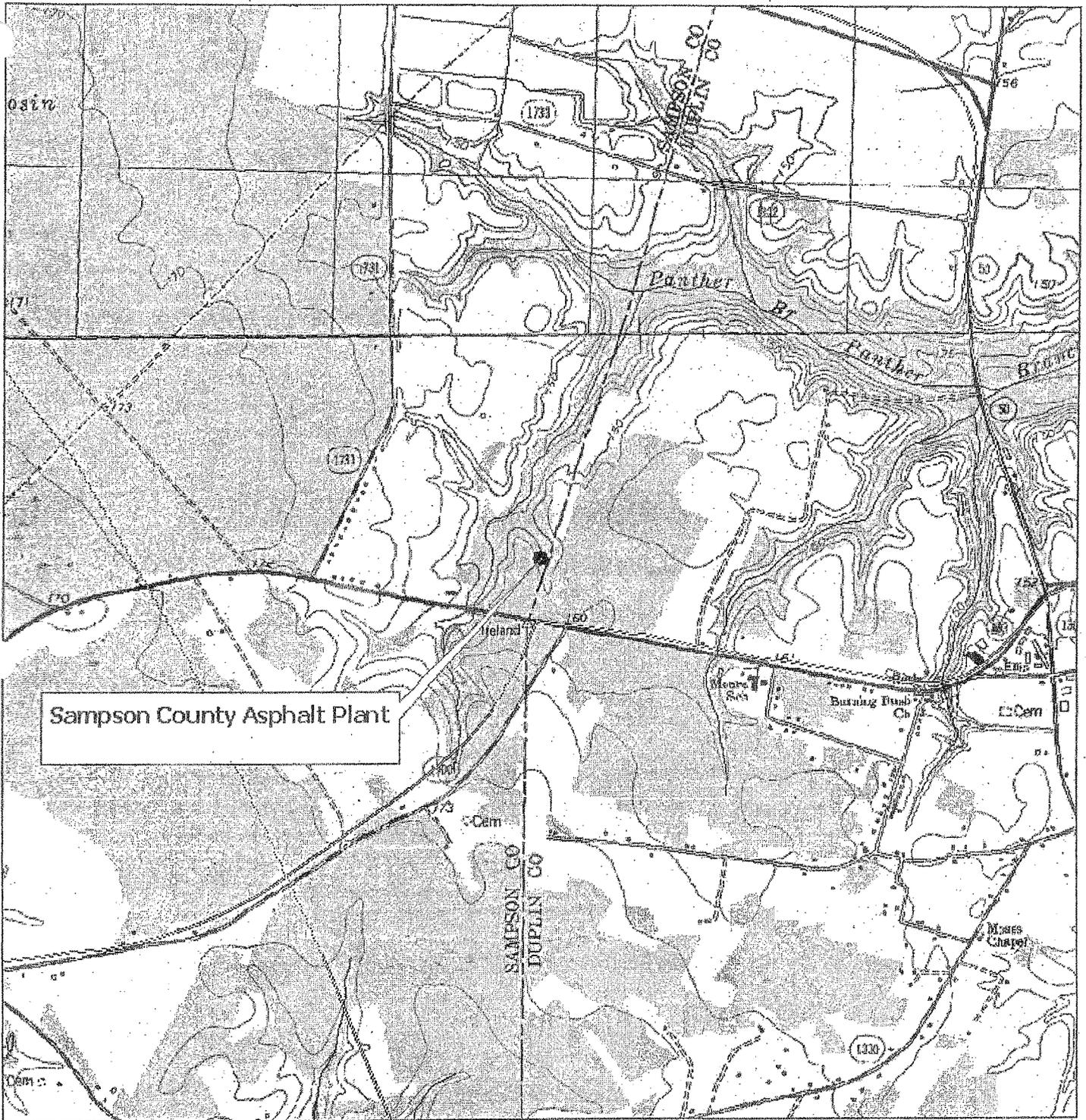


Barnhill Asphalt Plant
Sampson County, NC
Long: -78.18219
Lat: 35.13135

Image courtesy of the U.S. Geological Survey

© 2004 Microsoft Corporation. [Terms of Use](#) [Privacy Statement](#)

LOCATION MAP:



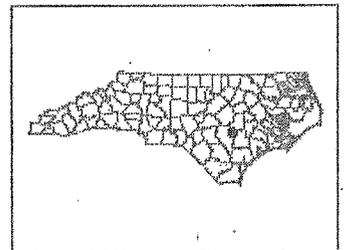
NCG160197



Map Scale 1:20,000

**Barnhill Contracting Company
Sampson County Asphalt Plant**

Latitude: 35° 07' 01" N
 Longitude: 78° 10' 14" W
 County: Sampson
 Receiving Stream: Panther Creek
 Stream Class: C; Sw
 Sub-basin: 03-06-22 (Cape Fear River Basin)



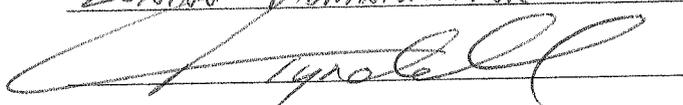
Facility Location

Zoning Consistency Determination

Facility Name BAARNHILL CONTRACTING CO. FAISON ASPHALT PLANT
Facility Street Address 2208 HWY 408 WEST
Facility City FAISON, N.C. 28341
Description of Process HOT MIX ASPHALT PRODUCTION
SIC/NAICS Code SIC - 161,295,353 NAICS - 237
Facility Contact DAVID GLOVER
Phone Number OFFICE (252) 823-1021 CELL (252) 883-4786
Mailing Address P.O. BOX 1529
Mailing City, State Zip TARBORO, N.C. 27886

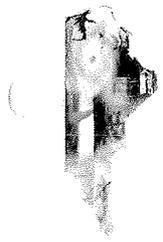
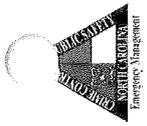
Based on the information given above:

- I have received a copy of the air permit application (draft or final) AND...
- There are no applicable zoning ordinances for this facility at this time
- The proposed operation IS consistent with applicable zoning ordinances
- The proposed operation IS NOT consistent with applicable zoning ordinances
(please include a copy of the rules in the package sent to the air quality office)
- The determination is pending further information and can not be made at this time
- Other: _____

Agency TOWN OF FAISON
Name of Designated Official JIMMY TYNDALL
Title of Designated Official ZONING ADMINISTRATOR
Signature 
Date 03-03-2010

Please forward to the facility mailing address listed above and the air quality office at the appropriate address as checked on the back of this form.

Faison Flood Plan



- * Major Cities
- + Benchmarks
- GRID OFIRM Grid
- Rivers and Streams
- Transverse (Coastal)
- County Boundaries
- ▣ Coastal Barrier Resource Systems
- Roads
- NC Highway
- US Highway
- Interstate Highway
- Political Areas
- Extraterritorial Jurisdictions
- Coastal Sounds
- 100yr Flooding - Floodway (AE)
- 100yr Flooding - Has BFEs (AE)
- 100yr Flooding - No BFEs (A)
- 100yr Flooding - Velocity Zone
- 500yr Flooding (Shaded X)
- Base Flood Elevation (Symbol)
- Cross Sections



North Carolina
Floodplain Mapping Program

"Operation Plan"

APPROVED
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

Date 01/24/2011 By Patricia M. Backus

Attachment 1 Part II Document 1
Permit 82-06 PERMIT DIN 12622

Barnhill Contracting Company

For

Recycled Asphalt Shingles

Permit: 82-06

2808 West NC 403 Highway

Faison, NC 28341

November 11, 2010

Operation Plan for Recycled Shingles

Barnhill Contracting Company-Faison Asphalt Plant

Permit #: 82-06

Barnhill Contracting Company-Faison Plant is located at 2808 West NC 403 Highway in Faison, North Carolina. This facility will be recycling asphalt roofing shingles for use in their hot mix asphalt production. The economic value of recycled asphalt shingles in hot mix asphalt has been shown nationwide to provide significant savings to our industry. Barnhill Contracting Company has an approved operation plan in place which meets all requirements of the Health Hazards Control Unit of the Division of Public Health. A copy of this plan has been included in this application. Barnhill Contracting Company estimates to have 0 to 10 tons of recycled shingles delivered to our site on a daily basis. Accepted loads will be stockpiled and sorted. Barnhill Contracting Company will NOT accept any non-shingle material. Any non-shingle material will be rejected and suppliers will be directed to the local landfill, located at the Sampson County Landfill—Permit # 82-02 located at 7434 Roseboro Highway in Roseboro, NC 28382.

Barnhill Contracting Company will be open for business on Monday-Friday, from 7:00am to 6:00pm. This site location is secured with gates that are only open during business hours. A sign is posted at the entrance indicating the name, contact phone numbers, hours of operation, and types of waste received and prohibited. Other signs are located throughout the plant site indicating where acceptable loads are to be dumped.

Incoming trucks will be weighted and inspected, and drivers will be required to complete supply certification forms on the source of the shingles prior to unloading. During this time the load will be inspected and determined to be acceptable or non-acceptable. If the load is proven to be acceptable, at this time it will be directed to the proper location to dump the load and it will be marked and numbered for further processing. Any loads that are found to be non-acceptable will be rejected and asked to be removed from the facility by the supplier. A record will be kept to record all daily tonnages.

Material shall be stored in a defined area to prevent mixing or contamination. Each load will be sampled, marked, placed and separated by concrete barriers according to their arrival. At this time the loads will be tested and marked accordingly to the status of approval. All loads will be ticketed, stockpiled and tested according to the approved operational plan.

A front end loader will be used for stockpiling and loading waste and product. There will be a sorting area for the placing of material that is accepted and ready for testing and processing. There will be water available at all times during the processing of the shingles for dust control. All materials will be confined in an area to assure there will be no contamination. The material will be contained by concrete barriers. In the event of equipment break downs, the equipment will be fixed in a timely manner or replaced, to avoid interruption of the shingle process. Production will be halted in the event of power outage or excessive weather conditions which prohibits the proper process of the production of the shingle process. The grinding of the shingles for processing will be done by a sub-contractor.

All sampled material will be tested by an N.C. accredited testing firm. All samples will be taken by an accredited sampling inspector and a trained competent employee will be onsite at all times to oversee the loading and unloading of waste. Suppliers will also be trained on acceptable and non-acceptable materials by Barnhill Contracting Company.

The property has three retention ponds for the diversion of any run-off that collects on the grounds. Operation during wet weather will be limited depending on the severity of the weather. A copy of the storm water permit for this facility has been included in this application.

All documents maintained on site will include: operation plan and procedures, approved testing protocol, test results of pre-processed and processed shingles, all supplier documentation, accepted, rejected and processed shingles, and a list of all projects using shingles.



North Carolina Department of Health and Human Services
 Division of Public Health • Epidemiology Section
 Occupational and Environmental Epidemiology Branch
 1912 Mail Service Center • Raleigh, North Carolina 27699-1912
 Tel 919-707-5950 • Fax 919-870-4808

Beverly Eaves Perdue, Governor
 Lanier M. Cansler, Secretary

Jeffrey P. Engel, M.D.
 State Health Director

April 19, 2010

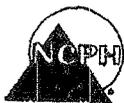
Mr. David Glover
 Barnhill Contracting Company
 2311 North Main Street, PO Box 1529
 Tarboro, NC 27886

Subject: Third Review for Recycling and Grinding Post-Consumer Asphalt
 Roofing Shingles, Test Project

Dear Mr. Glover:

After reviewing the third draft of your written "Operational Plan for Post-Consumer Tear-Off Roofing Shingles" dated April 19, 2010, we believe that you have adequately addressed all of our questions about the project. It is expected that you will adhere to the existing plan as written for all of your facilities. Should you decide to expand your operation or modify your existing plan to address future needs, remember that you must submit an amendment to our office for review and comment. Make sure we are aware of which facilities will be recycling post-consumer asphalt roofing shingles. The (HHCU) will conduct periodic inspections to assess the effectiveness of your operation and provide written recommendations for improvement or corrections as necessary.

In closing, should your facility accidently grind any asbestos-containing building material, all grinding operations will stop and we will be contacted. Also, bear in mind that any landfill approved to receive non-regulated asbestos roofing waste will have the final authority on how the waste will be packaged, labeled and properly disposed. We look forward to working towards a project that allows the recycling and grinding of "asbestos free" post-consumer asphalt roofing shingles.



North Carolina Public Health
 Working for a healthier and safer North Carolina
 Everywhere. Everyday. Everybody.

Location: 5505 Six Forks Road, 2nd Floor, Room D-1 • Raleigh, N.C. 27609



Mr. David Glover
Barnhill Contracting Company
April 19, 2010
Page 2

Should you have any questions, please feel free to contact me or Pat Wylie at
(919) 707-5950.

Sincerely,



Jeffery W. Dellinger
Industrial Hygiene Consultant
Health Hazards Control Unit

Ed Mussler, DSWM
Mary Giguere, Program Manager
Danny Lineback, IH Supervisor
Pat Wylie, IH Consultant

11/13

**Operational Plan for Recycling
Post Consumer or "Tear-Off" Asphalt Roofing Shingles**

April 19, 2010

Mr. Edward Mussler, P.E.

N.C. Department of Environment and Natural Resources

Division of Waste Management

1646 Mail Service Center

Raleigh, NC 27699-1646

Mr. Jeffrey W. Dellinger

N.C. Department of Health and Human Services

Health Hazards Control Unit

1912 Mail Service Center

Raleigh, NC 27699-1912

Dear Sirs:

Barnhill Contracting Company submits this operational plan for the recycling of Post Consumer or ("Tear-Off") asphalt roofing shingles to be used at all of our facilities. With the demonstrated economic and environmental benefits of using recycled asphalt shingles (RAS) in hot mix asphalt (HMA) pavement, it is our goal to use this product in our HMA production. The economic value of RAS in HMA has been shown nationwide to provide significant savings to our industry. Suppliers may include roofing contractors, haulers, landfills, and transfer stations, shingle recycling operations, hot-mix asphalt producers and the owner agency. In addition to the economical savings of RAS in HMA, the environmental benefits include the removal of shingles from landfills along with the reduction of green house gases through the replacement of virgin asphalt.

Barnhill Contracting Company has prepared an operational plan for approval to begin the recycling of "Tear-Off" asphalt shingles for use in our hot-mix asphalt production.

The majority of the recovered waste material shall be used, reused or sold. Storage and processing procedures of the "Tear-Off" asphalt shingles along with plant operations are attached.

1. "Tear-Off" asphalt shingles will be accepted from multiple suppliers. Suppliers will provide written documentation on the source of the "Tear-Off" asphalt shingles.
2. Incoming loads of "Tear-Off" asphalt shingles will be tested by a N.C. accredited asbestos inspector trained to identify potential asbestos containing material. Other unacceptable wastes and materials will be rejected. Any "Tear-Off" shingles testing positive for asbestos will be rejected.
3. Suppliers will be awareness trained on acceptable and non-acceptable materials by Barnhill Contracting Company. A letter along with a list of acceptable and non-acceptable materials will be distributed to all approved suppliers. Accepted loads of "Tear-Off" asphalt shingles will be clean of all construction debris and will only be accepted from approved suppliers.
4. No "Flat Built-Up" roofing products, asbestos cement products, asbestos painted shingles or asbestos mastic painted shingles will be allowed.
5. Accepted loads of "Tear-Off" asphalt shingles will follow the sampling procedures below:
 - A. Representative samples will be collected from the pre-processed shingle pile by a N.C. accredited inspector based on color and homogenous material. All designated employees will attend an approved N.C. Asbestos Inspector/Sampling class as required.
 - B. OSHA training will be given to all designated employees for asbestos awareness.
 - C. Samples will be sent to an accredited laboratory for testing for ACM using the polarized light method (PLM) analysis or current approved testing procedures.
 - D. Sample results will be recorded and maintained on site.
 - E. In the event that a sample is found to contain >1% asbestos:
 1. The shingle pile will be rejected and will be disposed of in a designated landfill permitted to accept asbestos containing materials. Proper documentation, including the asbestos waste shipment record form, will accompany the load at the time of disposal.
 2. Proper documentation will be recorded and maintained on site at each facility.
 - F. Only asbestos free material will be used in the asphalt production process.

1. In the event our facility actually grinds roofing shingles containing asbestos, the production will be stopped immediately. A call will be made to the Health Hazards Control Unit to make them aware of the situation. The material in question at that time will be located, wet down and contained. A NC accredited asbestos inspector will be brought in to address the asbestos material.
6. "Tear-Off" asphalt shingles shall be stored in a defined area to prevent mixing or contamination.
 - A. Access to the storage facility will be controlled by a gated entrance and exit.
 - B. A sign will be posted at the entrance indicating the name and hours of operation.
 - C. Incoming loads will be inspected for unacceptable waste and materials.
 - D. Storage and unloading of the "Tear-Off" asphalt shingles will be confined to an approved designated area. Every load of pre-processed "Tear-Off" asphalt shingles shall be sampled and stockpiled. Each load will be marked and placed in the order of arrival. The loads will be separated by concrete barriers and numbered in according to their arrival. At this time the loads will be tested and marked accordingly to the status of approval. Each load will be ticketed, stockpiled and tested.
 - E. Storage of the shingles shall be a minimum of 100 feet from surface waters.
 - F. All recyclable material will be separated and delivered to a recycling facility. All non-recyclable material will be separated and stored in a roll-off container for disposal at a designated landfill.
 - G. Sorting of the shingles will be completed daily or for every 2,500 tons collected.
7. The final sorted "Tear-Off" shingle product for grinding shall contain less than 2% deleterious materials by weight including nails, wood, paper or plastic. The final sorted "Tear-Off" shingle product shall not include metal flashings, glass, rubber or other objectionable materials.
8. The final post-processed "Tear-Off" asphalt shingle product shall be free of nails and other metals and have at most 1% deleterious material.
9. Storage of the final ground "Tear-Off" asphalt shingle product will be defined to an approved designated area and shall be a minimum of 100 feet from surface waters.
10. "Tear-Off" shingle processing will be conducted on site by using equipment capable of producing a product that meets all NCDOT specifications.

11. Water will be available at all times during the processing of the material for dust control. Water will also be available to wet down any loads containing asbestos before being moved.
12. Documents maintained on site will include at a minimum:
 - A. Operation plan and procedures.
 - B. Approved testing protocol.
 - C. Test results of pre-processed and processed shingles.
 - D. All supplier documentation.
 - E. "Tear-Off" shingles tonnages accepted.
 - F. "Tear-Off" shingles tonnages rejected.
 - G. "Tear-Off" shingles tonnages processed.
 - H. List of projects using processed "Tear-Off" shingles.

SUPPLIERS LIST OF ACCEPTABLE AND NON-ACCEPTABLE

"TEAR-OFF ASPHALT SHINGLES"

ACCEPTABLE

- *SHINGLES
- *FELT ATTACHED TO SHINGLES
- *NAILS

NON-ACCEPTABLE

- *ASBESTOS
- *WOOD
- *METAL FLASHINGS, GUTTERS, ETC.
- *ROLLS OR SHEETS OF FELT PAPER
- *PAPER WASTE
- *GARBAGE OR TRASH

SUPPLIERS OF "TEAR-OFF" ASPHALT SHINGLES

Company Name: _____

Address: _____

Contact: _____

Phone: _____

E-mail: _____

As a supplier, we certify that:

All "Tear-Off" asphalt shingle scrap came from single- family and multi-family dwellings. The roofing waste material delivered consists of asphalt shingles and normal roofing debris only and contains no known hazardous material (asbestos).

Residential address where "Tear-Off" asphalt shingle scrap originated: _____

Barnhill Contracting plant site where the "Tear-Off" asphalt shingle scrap was supplied:

Plant Location: _____

Address: _____

Contact: _____

Phone Number: _____

"Tear-Off" asphalt shingle supplier

Date

NORTH CAROLINA ASBESTOS WASTE SHIPMENT RECORD

1. Waste Generator/Owner Name and Address:		Work Site Name and Physical Address:		Waste Generator/Owner Phone Number: _____	
2. Contractor Name and Address:				Contractor Phone Number: _____	
3. Waste Disposal Site (WDS) Name, Mailing Address:		WDS Physical Site Location:		WDS Phone Number: _____	
		NC Landfill Permit #:			
4. Name of Responsible Agency:					
<input type="checkbox"/> Forsyth Co. Environmental Affairs Dept.		Permit #: _____		NESHAP (ACTS) ID #: _____	
<input type="checkbox"/> Mecklenburg Co. Dept. of Environmental Protection		Start Date: _____		Complete Date: _____	
<input type="checkbox"/> NC DHHS - Health Hazards Control Unit					
<input type="checkbox"/> WNC Regional Air Pollution Control Agency					
5. Description of materials:					
6. Containers Number: _____		Vehicle: _____		7. Total Quantity (yd ³)m ³ : _____	
Type: _____		RQ, ASBESTOS, CLASS 9 NA 2212, III			
8. Special Handling Instructions and Additional Information:					
EMERGENCY CONTACT: DIVISION OF EMERGENCY MANAGEMENT AT 1-800-858-0368					
9. CONTRACTOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.					
Printed/Typed Name & Title: _____					
Signature: _____				Date (MM/DD/YY): _____	
10. Transporter 1 (Acknowledgment of Receipt of Materials):					
Printed/Typed Name & Title: _____					
Address: _____			Phone Number: _____		
Signature: _____				Date (MM/DD/YY): _____	
11. Transporter 2 (Acknowledgment of Receipt of Materials):					
Printed/Typed Name & Title: _____					
Address: _____			Phone Number: _____		
Signature: _____				Date (MM/DD/YY): _____	
12. Discrepancy Indication Space:					
13. Waste Disposal Site: _____ Owner or Operator Certification of Receipt of Asbestos Materials Covered by this Manifest, Except as Noted in Item #12.					
Printed/Typed Name & Title: _____				Total Weight (Tons): _____	
Signature: _____				Date (MM/DD/YY): _____	

BARNHILL CONTRACTING COMPANY ASPHALT PLANT LIST

CASTLE HAYNE

4909 NORTH COLLEGE ROAD

CASTLE HAYNE, NC 28429

AIR PERMIT # 02905R15

CONTACT: TERRY ALLEN @ 252-559-3528

CLINTON

174 PEAVINE ROAD

CLINTON, NC 28238

AIR PERMIT #: 06991R07

CONTACT: MIKE SMITH @ 910-635-7025

CURRITUCK

US HIGHWAY 158

CURRITUCK, NC

AIR PERMIT #: 07430R-08

CONTACT: AL BAGGETT @ 252-207-9603

DEPPE

6190 OLD NEW BERN ROAD

JACKSONVILLE, NC 28555

AIR PERMIT #: 02224R16

CONTACT: TERRY ALLEN @ 252-559-3528

ELIZABETH CITY

270 KNOBBS CREEK DRIVE

ELIZABETH CITY, NC 27909

AIR PERMIT #: 07/70/00089

CONTACT: AL BAGGETT @ 252-207-9603

ELIZABETH CITY OFFICE

1304 HIGHWAY 17S

ELIZABETH CITY, NC 27909

CONTACT: DAVID BARNHILL @ 252-333-6565

FAYETTEVILLE

1139 SHAW MILL ROAD

FAYETTEVILLE, NC 28311

AIR PERMIT #: 06316R10

CONTACT: MIKE SMITH @ 910-635-7025

FAISON

2808 WEST NC 403 HIGHWAY

FAISON, NC 28341

AIR PERMIT #: 10002R00

CONTACT: MIKE SMITH @ 910-635-7025

GREENVILLE

1407 BARRUS CONSTRUCTION ROAD

GREENVILLE, NC 27858

AIR PERMIT #: 0225R16

CONTACT: TERRY ALLEN @ 252-559-3528

KENANSVILLE

195 MAGNOLIA EXIT HWY 11

KENANSVILLE, NC 28349

AIR PERMIT #: 07516R05

CONTACT: MIKE SMITH @ 910-635-7025

LILLINGTON

1715 401 SOUTH

LILLINGTON, NC 27546

AIR PERMIT #: 06364R10

CONTACT: MIKE SMITH @ 910-635-7025

LUMBERTON

1156 US HWY 74 WEST

LUMBERTON, NC 28358

AIR PERMIT #: 02259R16

CONTACT: MIKE SMITH @ 910-635-7025

NEW BERN

SOUTH GLENBURNIE ROAD

NEW BERN, NC

AIR PERMIT #: 00228R18

CONTACT: TERRY ALLEN @ 252-559-3528

PRINCETON

1288B RAINS MILL ROAD

PRINCETON, NC 27569

AIR PERMIT#: 06431R12

CONTACT: TERRY ALLEN @ 252-559-3528

RALEIGH

4425 PLEASANT VALLEY ROAD

RALEIGH, NC 27622

AIR PERMIT #: 03773R12

CONTACT: MIKE SMITH @ 910-635-7025

ROCKINGHAM

185 DICKS ROAD

ROCKINGHAM, NC 28380

AIR PERMIT #: 03267R21

CONTACT: MIKE SMITH @ 910-635-7025

ROCKY MOUNT

10826 NC HWY 97 WEST

ROCKY MOUNT, NC

AIR PERMIT #: 04876R12

CONTACT: EMERSON ETHERIDGE @ 252-266-9008

SHALLOTTE

2284 OCEAN HIGHWAY WEST

SHALLOTTE, NC 28459

AIR PERMIT #: 01599R13

CONTACT: TERRY ALLEN @ 252-559-3528

WILLIAMSTON

1210 WEST ISLANDS ROAD

WILLIAMSTON, N C 27892

AIR PERMIT #: 06831R11

CONTACT: AL BAGGETT @ 252-207-9603



North Carolina Department of Environment and Natural Resources

Division of Water Quality

Coleen H. Sullins

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

November 16, 2009

David Glover
Barnhill Contracting Company
PO Box 1529
Tarboro, NC 27886-1529

Subject: NPDES Stormwater Permit Coverage Renewal
Sampson County Asphalt Plant
COC Number NCG160197
Sampson County

Dear Permittee:

Your facility was granted coverage under stormwater general permit NCG160000 on 5/29/2009. This letter serves as your notification that the Division of Water Quality (DWQ) has reissued the general permit and that your facility's coverage will continue under the conditions of the reissued general permit. Please review the new permit to familiarize yourself with the changes in the reissued permit. This permit is reissued pursuant to the requirements of North Carolina General Statute 143-215.1 and the Memorandum of Agreement between the state of North Carolina and the U.S. Environmental Protection Agency, dated October 15, 2007 (or as subsequently amended).

The following information is included with your permit package:

- A new Certificate of Coverage
- A copy of stormwater General Permit NCG160000
- A copy of a Technical Bulletin for the General Permit
- Five copies of the Discharge Monitoring Report (DMR) Form
- Five copies of the Qualitative Monitoring Report Form

The General Permit authorizes discharges of stormwater only, and it specifies your obligations with respect to stormwater discharge controls, management, monitoring, and record keeping. Please review the new permit to familiarize yourself with all the changes in the reissued permit.

The more significant changes in the General Permit since your last Certificate of Coverage include the following:

- Part I Section A – This part explains that the No Exposure Exclusion from permitting option may be available to the permittee.
- Part II Section A – Several minor expansions and clarifications of the required content of the Stormwater Pollution Prevention Plan have been added. Please be sure that your plan is updated to comply with the new requirements.
- Part II Section B – Analytical monitoring frequency has been increased to twice per year.
- Part II Section B – Analytical monitoring for pH and Total Petroleum Hydrocarbons (TPH) have been added.
- Part II Section B – New provisions require the permittee to execute Tier One and Tier Two response actions, based on the first benchmark exceedence (Tier One) and the second consecutive benchmark exceedence (Tier Two). Tier Two requires that the permittee institute monthly monitoring instead of twice-per-year monitoring, until three consecutive monitoring events show no benchmark exceedences. The previous provisions for averaging of analytical results and cutoff concentrations have been removed.
- Part II Section B – New provisions establish that four exceedences of any particular benchmark will trigger increased DWQ involvement in the permittee's stormwater management and control actions. DWQ may direct the permittee to apply for an individual permit, or may direct the implementation or installation of specific stormwater control measures.
- Part II Section B – Separate monitoring parameters for discharges from vehicle maintenance areas have been removed (previously in Part II Section D.)
- Part II Section C – Qualitative monitoring must now be conducted during a representative storm event.

Wetlands and Stormwater Branch
1617 Mail Service Center, Raleigh, North Carolina 27699-1617
Location: 512 N. Salisbury St. Raleigh, North Carolina 27604
Phone: 919-807-6300 \ FAX: 919-807-6494 \ Customer Service: 1-877-623-6748
Internet: www.ncwaterquality.org

An Equal Opportunity \ Affirmative Action Employer

One
North Carolina
Naturally

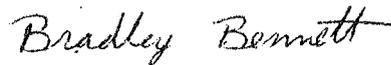
- Part II Section C – The permittee is required to keep a written record of his response to problems identified by his qualitative monitoring observations.
- Part III Section E – Item 2. requires submittal of a new reporting form, the Annual Summary DMR. This annual summary of only the analytical monitoring results (if any) should be submitted to the local DWQ Regional Office. The Annual Summary DMR reporting form will be posted on the Stormwater Permitting Unit's website in the near future.
- Part III Section E – Item 9. requires the reporting of spills to DWQ, a provision not previously included in NCG160000.

Your coverage under the General Permit is transferable only through the specific action of DWQ.

This permit does not affect the legal requirements to obtain other permits which may be required by DENR, nor does it relieve the permittee from responsibility for compliance with any other applicable federal, state, or local law, rule, standard, ordinance, order, judgment, or decree.

If you have any questions regarding this permit package please contact Jennifer Jones of the DWQ Stormwater Permitting Unit at (919) 807-6379.

Sincerely,



for Coleen H. Sullins

cc: DWQ Central Files
Stormwater Permitting Unit Files
Fayetteville Regional Office

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WATER QUALITY

GENERAL PERMIT NO. NCG160000
CERTIFICATE OF COVERAGE No. NCG160197

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,

Barnhill Contracting Company

is hereby authorized to discharge stormwater from a facility located at

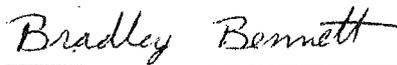
Sampson County Asphalt Plant
2808 W NC 403 Hwy
Faison
Sampson County

to receiving waters designated as Panther Creek, a class C;Sw waterbody in the Cape Fear River Basin in accordance with the effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II, III, IV, V, and VI of General Permit No. NCG160000 as attached.

This certificate of coverage shall become effective November 16, 2009.

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

Signed this 16th day of November, 2009.



for Coleen H. Sullins, Director
Division of Water Quality
By Authority of the Environmental Management Commission

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL
RESOURCES
DIVISION OF WATER QUALITY

GENERAL PERMIT NO. NCG160000

TO DISCHARGE STORMWATER UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

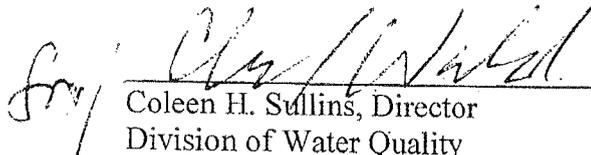
In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission and the Federal Water Pollution Control Act, as amended, this permit is hereby issued to all owners or operators, hereafter permittees, which are covered by this permit as evidenced by receipt of a Certificate of Coverage by the Environmental Management Commission to allow the discharge of stormwater to the surface waters of North Carolina or separate storm sewer systems conveying stormwater to surface waters in accordance with the terms and conditions set forth herein.

Coverage under this general permit is applicable to all owners or operators of stormwater point source discharges associated with activities classified as establishments primarily engaged in Asphalt Paving Mixtures and Blocks [standard industrial classification (SIC) 2951].

The General Permit shall become effective on October 1, 2009.

The General Permit shall expire at midnight on September 30, 2014.

Signed this 30th day of September, 2009.



Coleen H. Sullins, Director
Division of Water Quality
By the Authority of the Environmental Management Commission

STATE OF NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL
RESOURCES
DIVISION OF WATER QUALITY

GENERAL PERMIT NO. NCG160000

TO DISCHARGE STORMWATER UNDER THE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

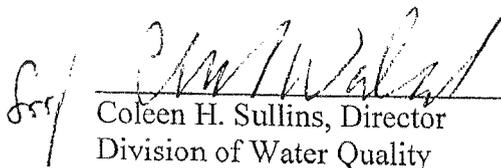
In compliance with the provision of North Carolina General Statute 143-215.1, other lawful standards and regulations promulgated and adopted by the North Carolina Environmental Management Commission and the Federal Water Pollution Control Act, as amended, this permit is hereby issued to all owners or operators, hereafter permittees, which are covered by this permit as evidenced by receipt of a Certificate of Coverage by the Environmental Management Commission to allow the discharge of stormwater to the surface waters of North Carolina or separate storm sewer systems conveying stormwater to surface waters in accordance with the terms and conditions set forth herein.

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Coleen H. Sullins, Director
Division of Water Quality
By the Authority of the Environmental Management Commission

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PART I INTRODUCTION

SECTION A: GENERAL PERMIT COVERAGE

All persons desiring to be covered by this General Permit must register with the Division of Water Quality by the filing of a Notice of Intent (NOI) and applicable fees. The NOI shall be submitted and a certificate of coverage issued prior to any discharge of stormwater associated with industrial activity that has a point source discharge to the surface waters of the state.

Any owner or operator not wishing to be covered or limited by this General Permit may make application for an individual NPDES permit in accordance with NPDES procedures in 15A NCAC 2H .0100, stating the reasons supporting the request. Any application for an individual permit should be made at least 180 days prior to commencement of discharge.

This General Permit does not cover activities or discharges covered by an individual NPDES permit until the individual permit has expired or has been revoked. Any person conducting an activity covered by an individual permit but which could be covered by this General Permit may request that the individual permit be revoked and coverage under this General Permit be provided.

If industrial materials and activities are not exposed to precipitation or runoff as described in 40 CFR §122.26(g), the facility may qualify for a No Exposure Exclusion from NPDES stormwater discharge permit requirements. Any owner or operator wishing to obtain a No Exposure Exclusion from permitting must submit a No Exposure Certification NOI form to the Division, must receive approval by the Division, must maintain no exposure conditions unless authorized to discharge under a valid NPDES stormwater permit, and must reapply for the No Exposure Exclusion once every five (5) years.

Any facility may apply for new or continued coverage under this permit until a Total Maximum Daily Load (TMDL) for pollutants for stormwater discharges is established. A TMDL sets a pollutant loading limit that affects a watershed, or portion of a watershed, draining to an impaired water. For stormwater discharges to watersheds affected by a TMDL, coverage under this permit may depend on the facility demonstrating it does not have reasonable potential to violate applicable water quality standards for those pollutants as a result of discharges. If the Division determines that discharges have reasonable potential to cause water quality standard violations, the facility shall apply for an individual permit 180 days prior to the expiration date of this general permit, and once that permit is effective, will no longer have coverage under this general permit. [Note the facility must identify impaired waters (scheduled for TMDL development) and waters already subject to a TMDL in the Site Plan, as outlined in the Stormwater Pollution Prevention Plan (SPPP), Part II, Section A.1.]

During the period beginning on the effective date of the permit and lasting until expiration, the Permittee is authorized to discharge stormwater associated with the industrial activity. Such discharges shall be controlled, limited, and monitored as specified in this permit.

SECTION B: PERMITTED ACTIVITIES

Until this permit expires or is modified or revoked, the permittee is authorized to discharge stormwater to the surface waters of North Carolina or separate storm sewer system which has been adequately treated and managed in accordance with the terms and conditions of this General Permit. All discharges shall be in accordance with the conditions of this permit.

Any other point source discharge to surface waters of the state is prohibited unless it is an allowable non-stormwater discharge or is covered by another permit, authorization, or approval. The stormwater discharges allowed by this General Permit shall not cause or contribute to violations of Water Quality Standards.

This General Permit does not allow discharges determined by the Division of Water Quality to be wastewaters. The discharge and/or disposal of vehicle wash water or vehicle rinse water is not permitted by this General Permit. Wash water and rinse water must be directed to a sanitary sewer system or permitted by a separate wastewater permit issued by the Division. The discharge and/or disposal of any paints, solvents, petroleum, diesel oil or oil/water compounds applied to any surface of the vehicles is not permitted by this General Permit.

This permit does not relieve the permittee from responsibility for compliance with any other applicable federal, state, or local law, rule, standard, ordinance, order, judgment, or decree.

PART II MONITORING, CONTROLS, AND LIMITATIONS FOR PERMITTED DISCHARGES

SECTION A: STORMWATER POLLUTION PREVENTION PLAN

The Permittee shall develop a Stormwater Pollution Prevention Plan, herein after referred to as the Plan. This Plan shall be considered public information in accordance with Part III, Standard Conditions, Section E, Paragraph 3 of this General Permit. The Plan shall include, at a minimum, the following items:

1. Site Plan. The site plan shall provide a description of the physical facility and the potential pollutant sources which may be expected to contribute to contamination of stormwater discharges. The site plan shall contain the following:
 - (a) A general location map (USGS quadrangle map or appropriately drafted equivalent map), showing the facility's location in relation to transportation routes and surface waters, the name of the receiving water(s) to which the stormwater outfall(s) discharges, or if the discharge is to a municipal separate storm sewer system, the name of the municipality and the ultimate receiving waters, and accurate latitude and longitude of the point(s) of discharge. The general location map (or alternatively the site map) shall identify whether each receiving water is impaired (on the state's 303(d) list of impaired waters) or is located in a watershed for which a TMDL has been established, and what the parameter(s) of concern are.
 - (b) A narrative description of storage practices, loading and unloading activities, outdoor process areas, dust or particulate generating or control processes, and waste disposal practices. A narrative description of the potential pollutants which could be expected to be present in the stormwater discharge from each outfall.
 - (c) A site map drawn at a scale sufficient to clearly depict: the site property boundary, the stormwater discharge outfalls, all on-site and adjacent surface waters and wetlands, industrial activity areas (including storage of materials, disposal areas, process areas, loading and unloading areas, and haul roads), site topography, all drainage features and structures, drainage areas for each outfall, direction of flow in each drainage area, industrial activities occurring in each drainage area, buildings, existing BMPs, and impervious surfaces. The site map shall include a distance legend and must indicate the percentage of each drainage area that is impervious. In addition, the following industrial activity areas must also be identified on the site map: fueling, engine maintenance and repair, vessel maintenance and repair, washing, painting, sanding, blasting, welding, and metal fabrication.
 - (d) A list of significant spills or leaks of pollutants that have occurred at the facility during the three (3) previous years and any corrective actions taken to mitigate spill impacts.

- (e) Certification that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges. The certification statement will be signed in accordance with the requirements found in Part III, Standard Conditions, Section B, Paragraph 5. The permittee shall re-certify annually that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges.
2. Stormwater Management Plan. The stormwater management plan shall contain a narrative description of the materials management practices employed which control or minimize the exposure of significant materials to stormwater, including structural and nonstructural measures. The stormwater management plan, at a minimum, shall incorporate the following:
- (a) Feasibility Study. A review of the technical and economic feasibility of changing the methods of operations and/or storage practices to eliminate or reduce exposure of materials and processes to stormwater. Wherever practical, the permittee shall prevent exposure of all storage areas, material handling operations, and manufacturing or fueling operations. In areas where elimination of exposure is not practical, the stormwater management plan shall document the feasibility of diverting stormwater runoff away from areas of potential contamination.
 - (b) Secondary Containment Requirements and Records. Secondary containment is required for: bulk storage of liquid materials; storage in any amount of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) water priority chemicals; and storage in any amount of hazardous substances, in order to prevent leaks and spills from contaminating stormwater runoff. A table or summary of all such tanks and stored materials and their associated secondary containment areas shall be maintained. If the secondary containment devices are connected to stormwater conveyance systems, the connection shall be controlled by manually activated valves or other similar devices (which shall be secured closed with a locking mechanism), and any stormwater that accumulates in the containment area shall be at a minimum visually observed for color, foam, outfall staining, visible sheens and dry weather flow, prior to release of the accumulated stormwater. Accumulated stormwater shall be released if found to be uncontaminated by any material. Records documenting the individual making the observation, the description of the accumulated stormwater, and the date and time of the release shall be kept for a period of five years.
 - (c) BMP Summary. A listing of site structural and non-structural Best Management Practices (BMP) shall be provided. The installation and implementation of BMPs shall be based on the assessment of the potential for sources to contribute significant quantities of pollutants to stormwater discharges and data collected through monitoring of stormwater discharges. The BMP Summary shall include a written record of the specific rationale for installation and implementation of the selected site BMPs. The BMP Summary shall be reviewed and updated annually.
3. Spill Prevention and Response Plan. The Spill Prevention and Response Plan (SPRP) shall incorporate an assessment of potential pollutant sources based on a materials inventory of the facility. Facility personnel (or the team) responsible for implementing the SPRP shall be identified in a written list incorporated into the SPRP and signed and dated

by each individual acknowledging their responsibilities for the plan. A responsible person shall be on-site at all times during facility operations that have the potential to contaminate stormwater runoff through spills or exposure of materials associated with the facility operations. The SPRP must be site stormwater specific. Therefore, an oil Spill Prevention Control and Countermeasure plan (SPCC) may be a component of the SPRP, but may not be sufficient to completely address the stormwater aspects of the SPRP. The common elements of the SPCC with the SPRP may be incorporated by reference into the SPRP.

4. Preventative Maintenance and Good Housekeeping Program. A preventative maintenance and good housekeeping program shall be developed. The program shall list all stormwater control systems, stormwater discharge outfalls, all on-site and adjacent surface waters and wetlands, industrial activity areas (including material storage areas, material handling areas, disposal areas, process areas, loading and unloading areas, and haul roads), all drainage features and structures, and existing structural BMPs. The program shall establish schedules of inspections, maintenance, and housekeeping activities of stormwater control systems, as well as facility equipment, facility areas, and facility systems that present a potential for stormwater exposure or stormwater pollution. Inspection of material handling areas and regular cleaning schedules of these areas shall be incorporated into the program. Timely compliance with the established schedules for inspections, maintenance, and housekeeping shall be recorded in writing and maintained in the SPPP.
5. Employee Training. Training programs shall be developed and training provided at a minimum on an annual basis for facility personnel with responsibilities for: spill response and cleanup, preventative maintenance activities, and for any of the facility's operations that have the potential to contaminate stormwater runoff. Facility personnel (or team) responsible for implementing the training shall be identified, and their annual training shall be documented by the signature of each employee trained.
6. Responsible Party. The Stormwater Pollution Prevention Plan shall identify a specific position(s) responsible for the overall coordination, development, implementation, and revision to the Plan. Responsibilities for all components of the Plan shall be documented and position assignments provided.
7. Plan Amendment. The permittee shall amend the Plan whenever there is a change in design, construction, operation, or maintenance which has a significant effect on the potential for the discharge of pollutants to surface waters. All aspects of the Stormwater Pollution Prevention Plan shall be reviewed and updated on an annual basis. The annual update shall include an updated list of significant spills or leaks of pollutants for the previous three years, or the notation that no spills have occurred. The annual update shall include written re-certification that the stormwater outfalls have been evaluated for the presence of non-stormwater discharges. Each annual update shall include a documented re-evaluation of the effectiveness of the BMPs listed in the BMP Summary of the Stormwater Management Plan.

The Director may notify the permittee when the Plan does not meet one or more of the minimum requirements of the permit. Within 30 days of such notice, the permittee shall submit a time schedule to the Director for modifying the Plan to meet minimum

requirements. The permittee shall provide certification in writing (in accordance with Part III, Standard Conditions, Section B, Paragraph 5) to the Director that the changes have been made.

8. Facility Inspections. Inspections of the facility and all stormwater systems shall occur as part of the Preventative Maintenance and Good Housekeeping Program at a minimum on a semi-annual schedule, once during the first half of the year (January to June), and once during the second half of the year (July to December), with at least 60 days separating inspection dates (unless performed more frequently than semi-annually). The inspection and any subsequent maintenance activities performed shall be documented, recording date and time of inspection, individual(s) making the inspection. These facility inspections are different from, and in addition to, the stormwater discharge characteristic monitoring required in Part II of this permit.
9. Implementation. The permittee shall implement the Plan. Implementation of the Plan shall include documentation of all monitoring, measurements, inspections, maintenance activities, and training provided to employees, including the log of the sampling data and of actions taken to implement BMPs associated with the industrial activities, including vehicle maintenance activities. Such documentation shall be kept on-site for a period of five years and made available to the Director or the Director's authorized representative immediately upon request.

SECTION B: ANALYTICAL MONITORING REQUIREMENTS

Analytical monitoring of stormwater discharges shall be performed as specified in Table 1. Sampling results shall be reported as described in Part III, Section E.

Table 1. Analytical Monitoring Requirements

Discharge Characteristics	Units	Measurement Frequency ¹	Sample Type ²	Sample Location ³
pH	standard	semi-annual	Grab	SDO
TSS, Total Suspended Solids	mg/l	semi-annual	Grab	SDO
Total Petroleum Hydrocarbons <i>EPA Method 1664 (SGT-HEM)</i>	mg/l	semi-annual	Grab	SDO
Total Rainfall ⁴	inches	semi-annual	Rain gauge	-

Footnotes:

- 1 Measurement Frequency: Twice per year during a representative storm event.
- 2 Grab samples shall be collected within the first 30 minutes of discharge.
- 3 Sample Location: Samples shall be collected at each stormwater discharge outfall (SDO) unless representative outfall status has been granted.
- 4 For each sampled representative storm event the total precipitation must be recorded. An on-site rain gauge or local rain gauge reading must be recorded.

All analytical monitoring shall be performed during a representative storm event at each stormwater discharge outfall (SDO).

A representative storm event is a storm event that measures greater than 0.1 inches of rainfall. The time between this storm event and the previous storm event measuring greater than 0.1 inches must be at least 72 hours. A single storm event may have a period of no precipitation of up to 10 hours. For example, if it rains but stops before producing any collectable discharge, a sample may be collected if the next rain producing a discharge begins within 10 hours.

The permittee shall complete the analytical samplings in accordance with the schedule specified in Table 2. A minimum of 60 days must separate Period 1 and Period 2 sample dates unless monthly monitoring has been instituted under a Tier Two response.

Table 2. Monitoring Schedule

Monitoring period ^{1,2}	Sample	Start	End
Year 1 – Period 1	1	September 1, 2009	February 28, 2010
Year 1 – Period 2	2	March 1, 2010	August 31, 2010
Year 2 – Period 1	3	September 1, 2010	February 28, 2011
Year 2 – Period 2	4	March 1, 2011	August 31, 2011
Year 3 – Period 1	5	September 1, 2011	February 29, 2012
Year 3 – Period 2	6	March 1, 2012	August 31, 2012
Year 4 – Period 1	7	September 1, 2012	February 28, 2013
Year 4 – Period 2	8	March 1, 2013	August 31, 2013
Year 5 – Period 1	9	September 1, 2013	February 28, 2014
Year 5 – Period 2	10	March 1, 2014	August 31, 2014

Footnotes:

- 1 Maintain semi-annual monitoring during permit renewal process. If at the expiration of the general permit, the permittee has submitted an application for renewal of coverage before the submittal deadline, the permittee will be considered for renewed coverage. The applicant must continue semi-annual monitoring until the renewed Certificate of Coverage is issued.
- 2 If no discharge occurs during the sampling period, the permittee must submit a monitoring report indicating “No Flow” within 30 days of the end of the six-month sampling period.

In all cases, the permittee shall report the analytical results from the first sample with valid results within the monitoring period. The permittee shall compare those results to the benchmark values in Table 3. Exceedences of benchmark values require the permittee to increase monitoring, increase management actions, increase record keeping, and/or install stormwater Best Management Practices (BMPs) in a tiered program. See below the descriptions of Tier One and Tier Two response actions.

Table 3. Benchmark Values for Analytical Monitoring Requirements

Discharge Characteristics	Benchmark Value
pH	Within the range 6.0 - 9.0
TSS, Total Suspended Solids	100 mg/l
Total Petroleum Hydrocarbons (TPH)	15 mg/L

Tier One

If: The first valid sampling results are above a benchmark value, or outside of the benchmark range, for any parameter at any outfall;

Then: The permittee shall:

1. Conduct a stormwater management inspection of the facility **within two weeks of receiving sampling results.**
2. Identify and evaluate possible causes of the benchmark value exceedence.
3. Identify potential and select the specific: source controls, operational controls, or physical improvements to reduce concentrations of the parameters of concern, or to bring concentrations within the benchmark range.
4. Implement the selected actions **within two months of the inspection.**
5. Record each instance of a Tier One response in the Stormwater Pollution Prevention Plan. Include the date and value of the benchmark exceedence, the inspection date, the personnel conducting the inspection, the selected actions, and the date the selected actions were implemented.

Tier Two

If: During the term of this permit, the first valid sampling results from two consecutive monitoring periods are above the benchmark values, or outside of the benchmark range, for any specific parameter at a specific discharge outfall;

Then: The permittee shall:

1. Repeat all the required actions outlined above in Tier One.
2. Immediately institute monthly monitoring for all parameters at every outfall where a sampling result exceeded the benchmark value for two consecutive samples. Monthly (analytical and qualitative) monitoring shall continue until three consecutive sample results are below the benchmark values or within the benchmark range.
3. If no discharge occurs during the sampling period, the permittee is required to submit a monthly monitoring report indicating "No Flow" to comply with reporting requirements.
4. Maintain a record of the Tier Two response in the Stormwater Pollution Prevention Plan.

During the term of this permit, if the valid sampling results required for the permit monitoring periods exceed the benchmark value, or are outside the benchmark range, for any specific parameter at any specific outfall on **four occasions**, the permittee shall notify the DWQ Regional Office Supervisor in writing **within 30 days of receipt** of the fourth analytical results. DWQ may:

- require that the permittee revise, increase, or decrease the monitoring frequency for the remainder of the permit;
- rescind coverage under the General Permit, and require that the permittee apply for an individual stormwater discharge permit;
- require the permittee to install structural stormwater controls;
- require the permittee to implement other stormwater control measures; or
- require that the permittee implement site modifications to qualify for the No Exposure Exclusion.

SECTION C: QUALITATIVE MONITORING REQUIREMENTS

Qualitative monitoring requires a visual inspection of each stormwater outfall *regardless* of representative outfall status; and shall be performed as specified below in Table 4. No analytical tests are required. Qualitative monitoring of stormwater outfalls must be performed during a representative storm event.

Table 4. Qualitative Monitoring Requirements

Discharge Characteristics	Frequency	Monitoring Location ¹
Color	Semi-Annual	SDO
Odor	Semi-Annual	SDO
Clarity	Semi-Annual	SDO
Floating Solids	Semi-Annual	SDO
Suspended Solids	Semi-Annual	SDO
Foam	Semi-Annual	SDO
Oil Sheen	Semi-Annual	SDO
Erosion or deposition at the outfall	Semi-Annual	SDO
Other obvious indicators of stormwater pollution	Semi-Annual	SDO

Footnotes:

¹ Monitoring Location: Qualitative monitoring shall be performed at each stormwater discharge outfall (SDO) regardless of representative outfall status.

If the permittee's qualitative monitoring indicates either that existing stormwater BMPs are ineffective, or that significant stormwater contamination is present, the permittee shall investigate potential causes, evaluate the feasibility of corrective actions, and implement those corrective actions appropriate. A written record of the permittee's investigation, evaluation, and response actions shall be kept in the Stormwater Pollution Prevention Plan.

Qualitative monitoring is for the purposes of evaluating the effectiveness of the Stormwater Pollution Prevention Plan (SPPP), assessing new sources of stormwater pollution, and prompting the permittee's response actions to pollution. If the permittee repeatedly fails to respond effectively to correct problems identified by qualitative monitoring, or if the discharge causes or contributes to a water quality standard violation, DWQ may:

- require that the permittee revise, increase, or decrease the monitoring frequency for the remainder of the permit;
- rescind coverage under the General Permit, and require that the permittee apply for an individual stormwater discharge permit;
- require the permittee to install structural stormwater controls;
- require the permittee to implement other stormwater control measures; or
- require that the permittee implement site modifications to qualify for the No Exposure Exclusion.

Qualitative monitoring will be performed twice per year, in accordance with the schedule in Table 2. A minimum of 60 days must separate Period 1 and Period 2 monitoring dates, unless monthly sampling has been instituted under a Tier Two response as part of other analytical monitoring requirements in this permit.

PART III STANDARD CONDITIONS FOR NPDES STORMWATER GENERAL PERMITS

SECTION A: COMPLIANCE AND LIABILITY

1. Compliance Schedule

The permittee shall comply with Limitations and Controls specified for stormwater discharges in accordance with the following schedule:

Existing facilities already operating, but applying for coverage under this General Permit for the first time: The Stormwater Pollution Prevention Plan shall be developed and implemented within 12 months of the effective date of the initial Certificate of Coverage issued pursuant to this General Permit and updated thereafter on an annual basis.

Secondary containment, as specified in Part II, Section A, Paragraph 2(b) of this permit, shall be accomplished within 12 months of the effective date of the initial Certificate of Coverage.

New facilities applying for permit coverage for the first time and existing facilities previously permitted and applying for renewal under this General Permit: All requirements, conditions, limitations, and controls contained in this permit become effective immediately upon issuance of the Certificate of Coverage. The Stormwater Pollution Prevention Plan shall be developed and implemented prior to the beginning of discharges from the operation of the industrial activity and be updated thereafter on an annual basis. Secondary containment, as specified in Part II, Section A, Paragraph 2(b) of this permit shall be accomplished prior to the beginning of discharges from the operation of the industrial activity.

2. Duty to Comply

The permittee must comply with all conditions of this General Permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for certificate of coverage termination; revocation and reissuance, or modification; or denial of a certificate of coverage upon renewal application.

- a. The permittee shall comply with standards or prohibitions established under section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
- b. The Clean Water Act provides that any person who violates a permit condition is subject to a civil penalty not to exceed \$25,000 per day for each violation. Any person who negligently violates any permit condition is subject to criminal penalties of \$2,500 to \$25,000 per day of violation, or imprisonment for not more than 1 year, or both. Any person who knowingly violates permit conditions is subject to criminal penalties of \$5,000 to \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. Also, any person who violates a permit condition may be assessed an administrative penalty not to exceed \$10,000

per violation with the maximum amount not to exceed \$125,000. [Ref: Section 309 of the Federal Act 33 USC 1319 and 40 CFR 122.41(a).]

- c. Under state law, a daily civil penalty of not more than ten thousand dollars (\$10,000) per violation may be assessed against any person who violates or fails to act in accordance with the terms, conditions, or requirements of a permit. [Ref: North Carolina General Statutes 143-215.6A]
- d. Any person may be assessed an administrative penalty by the Director for violating section 301, 302, 306, 307, 308, 318, or 405 of the Act, or any permit condition or limitation implementing any of such sections in a permit issued under section 402 of the Act. Administrative penalties for Class I violations are not to exceed \$10,000 per violation, with the maximum amount of any Class I penalty assessed not to exceed \$25,000. Penalties for Class II violations are not to exceed \$10,000 per day for each day during which the violation continues, with the maximum amount of any Class II penalty not to exceed \$125,000.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this General Permit which has a reasonable likelihood of adversely affecting human health or the environment.

4. Civil and Criminal Liability

Except as provided in Section D of this permit regarding bypassing of stormwater control facilities, nothing in this General Permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties for noncompliance pursuant to NCGS 143-215.3, 143-215.6A, 143-215.6B, 143-215.6C or Section 309 of the Federal Act, 33 USC 1319. Furthermore, the permittee is responsible for consequential damages, such as fish kills, even though the responsibility for effective compliance may be temporarily suspended.

5. Oil and Hazardous Substance Liability

Nothing in this General Permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under NCGS 143-215.75 et seq. or Section 311 of the Federal Act, 33 USC 1321.

6. Property Rights

The issuance of this General Permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

7. Severability

The provisions of this General Permit are severable, and if any provision of this General Permit, or the application of any provision of this General Permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this General Permit, shall not be affected thereby.

8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the certificate of coverage issued pursuant to this General Permit or to determine compliance with this General Permit. The permittee shall also furnish to the Director upon request, copies of records required to be kept by this General Permit.

9. Penalties for Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this General Permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both. If a conviction of a person is for a violation committed after a first conviction of such person under this paragraph, punishment is a fine of not more than \$20,000 per day of violation, or by imprisonment of not more than 4 years, or both.

10. Penalties for Falsification of Reports

The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this General Permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than two years per violation, or by both.

SECTION B: GENERAL CONDITIONS1. General Permit Expiration

The permittee is not authorized to discharge after the expiration date. In order to discharge beyond the expiration date, the permittee shall submit forms and fees as are required by the agency authorized to issue permits no later than 180 days prior to the expiration date. Any permittee that has not requested renewal at least 180 days prior to expiration, or any permittee that does not have a permit after the expiration and has not requested renewal at least 180 days prior to expiration, will be subjected to enforcement procedures as provided in NCGS §143-2153.6 and 33 USC 1251 et. seq.

2. Transfers

The certificate of coverage issued pursuant to this General Permit is not transferable to any person except after notice to and approval by the Director. The Director may require modification or revocation and reissuance of the certificate of coverage to change the name and incorporate such other requirements as may be necessary under the Clean Water Act. Permittee is required to notify the Division within 90 days in the event the permitted facility is sold or closed.

3. When an Individual Permit May be Required

The Director may require any owner/operator authorized to discharge under a certificate of coverage issued pursuant to this General Permit to apply for and obtain an individual permit or an alternative General Permit. Any interested person may petition the Director to take action under this paragraph. Cases where an individual permit may be required include, but are not limited to, the following:

- a. The discharger is a significant contributor of pollutants;
- b. Conditions at the permitted site change, altering the constituents and/or characteristics of the discharge such that the discharge no longer qualifies for a General Permit;
- c. The discharge violates the terms or conditions of this General Permit;
- d. A change has occurred in the availability of demonstrated technology or practices for the control or abatement of pollutants applicable to the point source;
- e. Effluent limitations are promulgated for the point sources covered by this General Permit;
- f. A water quality management plan containing requirements applicable to such point sources is approved after the issuance of this General Permit.
- g. The Director determines at his or her own discretion that an individual permit is required.

4. When an Individual Permit May be Requested

Any permittee operating under this General Permit may request to be excluded from the coverage of this General Permit by applying for an individual permit. When an individual permit is issued to an owner/operator the applicability of this General Permit is automatically terminated on the effective date of the individual permit.

5. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified.

- a. All notices of intent to be covered under this General Permit shall be signed as follows:
- (1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (a) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision making functions for the corporation, or (b) the manager of one or more manufacturing production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding 25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.
- b. All reports required by the General Permit and other information requested by the Director shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
- (1) The authorization is made in writing by a person described above;
 - (2) The authorization specified either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or well field, superintendent, a position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
 - (3) The written authorization is submitted to the Director.
- c. Any person signing a document under paragraphs a. or b. of this section shall make the following certification; which shall not be modified in any way:
- "I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

6. General Permit Modification, Revocation and Reissuance, or Termination

The issuance of this General Permit does not prohibit the Director from reopening and modifying the General Permit, revoking and reissuing the General Permit, or terminating the General Permit as allowed by the laws, rules, and regulations contained in Title 40, Code of Federal Regulations, Parts 122 and 123; Title 15A of the North Carolina Administrative Code, Subchapter 2H .0100; and North Carolina General Statute 143-215.1 et. al.

After public notice and opportunity for a hearing, the General Permit may be terminated for cause. The filing of a request for a General Permit modification, revocation and reissuance, or termination does not stay any General Permit condition. The certificate of coverage shall expire when the General Permit is terminated.

7. Certificate of Coverage Actions

The certificate of coverage issued in accordance with this General Permit may be modified, revoked and reissued, or terminated for cause. The notification of planned changes or anticipated noncompliance does not stay any General Permit condition.

SECTION C: OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with this General Permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the General Permit.

2. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the condition of this General Permit.

3. Bypassing of Stormwater Control Facilities

Bypass is prohibited and the Director may take enforcement action against a permittee for bypass unless:

- a. Bypass was unavoidable to prevent loss of life, personal injury or severe property damage; and
- b. There were no feasible alternatives to the bypass, such as the use of auxiliary control facilities, retention of stormwater or maintenance during normal periods of equipment downtime or dry weather. This condition is not satisfied if adequate

backup controls should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and

- c. The permittee submitted notices as required under Section E of this Part.

If the Director determines that it will meet the three conditions listed above, the Director may approve an anticipated bypass after considering its adverse effects.

SECTION D: MONITORING AND RECORDS

1. Representative Sampling

Samples collected and measurements taken, as required herein, shall be characteristic of the volume and nature of the permitted discharge. Analytical sampling shall be performed during a representative storm event. Samples shall be taken on a day and time that is characteristic of the discharge. All samples shall be taken before the discharge joins or is diluted by any other waste stream, body of water, or substance. Monitoring points as specified in this permit shall not be changed without notification to and approval of the Director.

2. Recording Results

For each measurement, sample, inspection or maintenance activity performed or collected pursuant to the requirements of this General Permit, the permittee shall record the following information:

- a. The date, exact place, and time of sampling, measurements, inspection or maintenance activity;
- b. The individual(s) who performed the sampling, measurements, inspection or maintenance activity;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

3. Flow Measurements

Where required, appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to the EMC regulations published pursuant to NCGS 143-215.63 et. seq, the Water and Air Quality Reporting Acts, and to regulations published pursuant to Section 304(g), 33 USC 1314, of the Federal Water Pollution Control Act, as Amended, and Regulation 40 CFR 136.

To meet the intent of the monitoring required by this General Permit, all test procedures must produce minimum detection and reporting levels and all data generated must be reported down to the minimum detection or lower reporting level of the procedure.

5. Representative Outfall

If a facility has multiple discharge locations with substantially identical stormwater discharges that are required to be sampled, the permittee may petition the Director for representative outfall status. If it is established that the stormwater discharges are substantially identical and the permittee is granted representative outfall status, then analytical sampling requirements may be performed at a reduced number of outfalls.

6. Records Retention

Visual monitoring shall be documented and records maintained at the facility along with the Stormwater Pollution Prevention Plan. Copies of analytical monitoring results shall also be maintained on-site. The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this General Permit for a period of at least 5 years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

7. Inspection and Entry

The permittee shall allow the Director, or an authorized representative (including an authorized contractor acting as a representative of the Director), or in the case of a facility which discharges through a municipal separate storm sewer system, an authorized representative of a municipal operator or the separate storm sewer system receiving the discharge, upon the presentation of credentials and other documents as may be required by law, to;

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this General Permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this General Permit;
- c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this General Permit; and

- d. Sample or monitor at reasonable times, for the purposes of assuring General Permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

SECTION E: REPORTING REQUIREMENTS

1. Discharge Monitoring Reports

Samples analyzed in accordance with the terms of this permit shall be submitted to the Division on Discharge Monitoring Report forms provided by the Director. Submittals shall be delivered to the Division no later than 30 days from the date the facility receives the sampling results from the laboratory.

When no discharge has occurred from the facility during the report period, the permittee is required to submit a discharge monitoring report, within 30 days of the end of the six-month sampling period, giving all required information and indicating "NO FLOW" as per NCAC T15A 02B .0506.

The permittee shall record the required qualitative monitoring observations on the SDO Qualitative Monitoring Report form provided by the Division, and shall retain the completed forms on site. Visual monitoring results should not be submitted to the Division, except upon DWQ's specific requirement to do so.

The permittee shall include the signed certification statement described in Part I, Section A.4.

2. Submitting Reports

Two signed copies of Discharge Monitoring Reports (DMRs), shall be submitted to:

Central Files
Division of Water Quality
1617 Mail Service Center
Raleigh, North Carolina 27699-1617

In addition, a *separate* signed Annual Summary DMR copy shall be submitted to the local DWQ Regional Office (RO) by March 1 of each year.

Addresses for each RO and the counties covered by each RO can be found here: <http://www.enr.state.nc.us/html/regionaloffices.html>. The permittee shall retain the completed originals on site. Visual monitoring results should **not** be submitted to the Regional Offices or Central Files unless specifically requested by DWQ.

3. Availability of Reports

Except for data determined to be confidential under NCGS 143-215.3(a)(2) or Section 308 of the Federal Act, 33 USC 1318, all reports prepared in accordance with the terms shall be available for public inspection at the offices of the Division of Water Quality. As

required by the Act, analytical data shall not be considered confidential. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in NCGS 143-215.6B or in Section 309 of the Federal Act.

4. Non-Stormwater Discharges

If the storm event monitored in accordance with this General Permit coincides with a non-stormwater discharge, the permittee shall separately monitor all parameters as required under the non-stormwater discharge permit and provide this information with the stormwater discharge monitoring report.

5. Planned Changes

The permittee shall give notice to the Director as soon as possible of any planned changes at the permitted facility which could significantly alter the nature or quantity of pollutants discharged. This notification requirement includes pollutants which are not specifically listed in the General Permit or subject to notification requirements under 40 CFR Part 122.42 (a).

6. Anticipated Noncompliance

The permittee shall give notice to the Director as soon as possible of any planned changes at the permitted facility which may result in noncompliance with the General Permit requirements.

7. Bypass

a. Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass; including an evaluation of the anticipated quality and affect of the bypass.

b. Unanticipated bypass. The permittee shall submit notice within 24 hours of becoming aware of an unanticipated bypass.

8. Twenty-four Hour Reporting

The permittee shall report to the central office or the appropriate regional office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee became aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances.

The written submission shall contain a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time compliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

The Director may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.

9. Spills

The permittee shall report to the local DWQ Regional Office, within 24 hours, all significant spills as defined in Part VI of this permit. Additionally, the permittee shall report spills including: any oil spill of 25 gallons or more, any spill regardless of amount that causes a sheen on surface waters, any oil spill regardless of amount occurring within 100 feet of surface waters, and any oil spill less than 25 gallons that cannot be cleaned up within 24 hours.

10. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under 24 hour reporting at the time monitoring reports are submitted.

11. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a Notice of Intent to be covered under this General Permit or in any report to the Director, it shall promptly submit such facts or information.

PART IV LIMITATIONS REOPENER

This General Permit shall be modified or alternatively, revoked and reissued, to comply with any applicable effluent guideline or water quality standard issued or approved under Sections 302(b) (2) (c), and (d), 304(b) (2) and 307(a) of the Clean Water Act, if the effluent guideline or water quality standard so issued or approved:

- a. Contains different conditions or is otherwise more stringent than any effluent limitation in the General Permit; or
- b. Controls any pollutant not limited in the General Permit.

The General Permit as modified or reissued under this paragraph shall also contain any other requirements in the Act then applicable.

**PART V ADMINISTERING AND COMPLIANCE MONITORING FEE
REQUIREMENTS**

The permittee must pay the administering and compliance monitoring fee within 30 (thirty) days after being billed by the Division. Failure to pay the fee in timely manner in accordance with 15A NCAC 2H .0105(b)(4) may cause this Division to initiate action to revoke the Certificate of Coverage.

PART VI DEFINITIONS

1. Act

See Clean Water Act.

2. Allowable Non-Stormwater Discharges

This permit regulates stormwater discharges. Non-stormwater discharges which shall be allowed in the stormwater conveyance system are:

- (a) All other discharges that are authorized by a non-stormwater NPDES permit.
- (b) Uncontaminated groundwater, foundation drains, air-conditioner condensate without added chemicals, springs, discharges of uncontaminated potable water, waterline and fire hydrant flushings, water from footing drains, flows from riparian habitats and wetlands.
- (c) Discharges resulting from fire-fighting or fire-fighting training.

3. Best Management Practices (BMPs)

Measures or practices used to reduce the amount of pollution entering surface waters. BMPs may take the form of a process, activity, or physical structure. More information on BMPs can be found at:

<http://cfpub.epa.gov/npdes/stormwater/menuofbmps/index.cfm>.

4. Bypass

A bypass is the known diversion of stormwater from any portion of a stormwater control facility including the collection system, which is not a designed or established operating mode for the facility.

5. Bulk Storage of Liquid Products

Liquid raw materials, manufactured products, waste materials or by-products with a single above ground storage container having a capacity of greater than 660 gallons or with multiple above ground storage containers located in close proximity to each other having a total combined storage capacity of greater than 1,320 gallons.

6. Certificate of Coverage

The Certificate of Coverage (COC) is the cover sheet which accompanies the General Permit upon issuance and lists the facility name, location, receiving stream, river basin, effective date of coverage under the permit and is signed by the Director.

7. Clean Water Act

The Federal Water Pollution Control Act, also known as the Clean Water Act (CWA), as amended, 33 USC 1251, et. seq.

8. Division or DWQ

The Division of Water Quality, Department of Environment and Natural Resources.

9. Director

The Director of the Division of Water Quality, the permit issuing authority.

10. EMC

The North Carolina Environmental Management Commission.

11. Grab Sample

An individual sample collected instantaneously. Grab samples that will be analyzed (quantitatively or qualitatively) must be taken within the first 30 minutes of discharge.

12. Hazardous Substance

Any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act.

13. Landfill

A disposal facility or part of a disposal facility where waste is placed in or on land and which is not a land treatment facility, a surface impoundment, an injection well, a hazardous waste long-term storage facility or a surface storage facility.

14. Municipal Separate Storm Sewer System

A stormwater collection system within an incorporated area of local self-government such as a city or town.

15. No Exposure

A condition of no exposure means that all industrial materials and activities are protected by a storm resistant shelter or acceptable storage containers to prevent exposure to rain, snow, snowmelt, or runoff. Industrial materials or activities include, but are not limited to, material handling equipment or activities, industrial machinery, raw materials, intermediate products, by-products, final products, or waste products. DWQ may grant a No Exposure Exclusion from NPDES Stormwater Permitting requirements only if a facility complies with the terms and conditions described in 40 CFR §122.26(g)

16. Notice of Intent

The state application form which, when submitted to the Division, officially indicates the facility's notice of intent to seek coverage under a General Permit.

17. Overburden

Any material of any nature, consolidated or unconsolidated, that overlies a mineral deposit, excluding topsoil or similar naturally-occurring surface materials that are not disturbed by mining operations.

18. Permittee

The owner or operator issued a certificate of coverage pursuant to this General Permit.

19. Point Source Discharge of Stormwater

Any discernible, confined and discrete conveyance including, but not specifically limited to, any pipe, ditch, channel, tunnel, conduit, well, or discrete fissure from which stormwater is or may be discharged to waters of the state.

20. Representative Storm Event

A storm event that measures greater than 0.1 inches of rainfall. The time between this storm event and the previous storm event measuring greater than 0.1 inches must be at least 72 hours. A single storm event may have a period of no precipitation of up to 10 hours. For example, if it rains but stops before producing any collectable discharge, a sample may be collected if the next rain producing a discharge begins within 10 hours.

21. Representative Outfall Status

When it is established that the discharge of stormwater runoff from a single outfall is representative of the discharges at multiple outfalls, the DWQ may grant representative outfall status. Representative outfall status allows the permittee to perform analytical monitoring at a reduced number of outfalls.

22. Rinse Water Discharge

The discharge of rinse water from equipment cleaning areas associated with industrial activity. Rinse waters from vehicle and equipment cleaning areas are process wastewaters and do not include washwaters utilizing any type of detergent or cleaning agent.

23. Secondary Containment

Spill containment for the contents of the single largest tank within the containment structure plus sufficient freeboard to allow for the 25-year, 24-hour storm event.

24. Section 313 Water Priority Chemical

A chemical or chemical category which:

- a. Is listed in 40 CFR 372.65 pursuant to Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, also titled the Emergency Planning and Community Right-to-Know Act of 1986;
- b. Is present at or above threshold levels at a facility subject to SARA title III, Section 313 reporting requirements; and
- c. Meets at least one of the following criteria:
 - (1) Is listed in appendix D of 40 CFR part 122 on Table II (organic priority pollutants), Table III (certain metals, cyanides, and phenols) or Table IV (certain toxic pollutants and hazardous substances);
 - (2) Is listed as a hazardous substance pursuant to section 311(b)(2)(A) of the CWA at 40 CFR 116.4; or
 - (3) Is a pollutant for which EPA has published acute or chronic water quality criteria.

25. Severe Property Damage

Means substantial physical damage to property, damage to the control facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

26. Significant Materials

Includes, but is not limited to: raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances designated under section 101(14) of CERCLA; any chemical the facility is required to report pursuant to section 313 of Title III of SARA; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with stormwater discharges.

27. Significant Spills

Includes, but is not limited to: releases of oil or hazardous substances in excess of reportable quantities under section 311 of the Clean Water Act (Ref: 40 CFR 110.10 and CFR 117.21) or section 102 of CERCLA (Ref: 40 CFR 302.4).

28. Stormwater Discharge Outfall (SDO)

The point of departure of stormwater from a discernible, confined, or discrete conveyance, including but not limited to, storm sewer pipes, drainage ditches, channels, spillways, or channelized collection areas, from which stormwater flows directly or indirectly into waters of the State of North Carolina.

29. Stormwater Runoff

The flow of water which results from precipitation and which occurs immediately following rainfall or as a result of snowmelt.

30. Stormwater Associated with Industrial Activity

The discharge from any point source which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing or raw material storage areas at an industrial site. Facilities considered to be engaged in "industrial activities" include those activities defined in 40 CFR 122.26(b)(14). The term does not include discharges from facilities or activities excluded from the NPDES program.

31. Stormwater Pollution Prevention Plan

A comprehensive site-specific plan which details measures and practices to reduce stormwater pollution and is based on an evaluation of the pollution potential of the site.

32. Ten Year Design Storm

The maximum 24 hour precipitation event expected to be equaled or exceeded on the average once in ten years. Design storm information can be found in the State of North Carolina Erosion and Sediment Control Planning and Design Manual.

33. Total Flow

The flow corresponding to the time period over which the entire storm event occurs. Total flow shall be either; (a) measured continuously, (b) calculated based on the amount of area draining to the outfall, the amount of built-upon (impervious) area, and the total amount of rainfall, or (c) estimated by the measurement of flow at 20 minute intervals during the rainfall event.

34. Total Maximum Daily Load (TMDL)

TMDLs are written plans for attaining and maintaining water quality standards, in all seasons, for a specific water body and pollutant. (A list of approved TMDLs for the state of North Carolina can be found at: <http://h2o.enr.state.nc.us/tmdl/>)

35. Toxic Pollutant

Any pollutant listed as toxic under Section 307(a)(1) of the Clean Water Act.

36. Upset

Means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment or control facilities, inadequate treatment or control facilities, lack of preventive maintenance, or careless or improper operation.

37. Vehicle Maintenance Activity

Vehicle or vessel rehabilitation, mechanical repairs, painting, fueling, lubrication, cleaning operations, or airport deicing operations.

38. Visible Sedimentation

Solid particulate matter, both mineral and organic, that has been or is being transported by water, air, gravity, or ice from its site of origin which can be seen with the unaided eye.

39. 25-year, 24 hour storm event

The maximum 24-hour precipitation event expected to be equaled or exceeded, on the average, once in 25 years.



North Carolina Department of Environment and Natural Resources

Division of Air Quality

Beverly Eaves Perdue
Governor

B. Keith Overcash, P.E.
Director

Dee Freeman
Secretary

March 29, 2010

Mr. David Glover
Quality Control Manager
Barnhill Contracting - Faison Plant (Multi-Site)
P. O. Box 1529
Tarboro, NC 27886

Subject: Barnhill Contracting - MULTI-SITE Permit

- Barnhill Contracting - Faison Plant (Multi-Site) –
Air Permit No. 10002R01, Facility ID# 8200147 (primary location)
 - Barnhill Contracting - Clinton Plant (Multi-Site) –
Air Permit No. 06691R08, Facility ID# 8200108
 - Barnhill Contracting - Benson Plant (Multi-Site) –
Air Permit No. 10001R00, Facility ID# 5100203
- Clinton, Sampson County, North Carolina
Fee Class: Synthetic Minor

Dear Mr. Glover:

In accordance with your completed application received January 26, 2010, we are forwarding herewith Permit No. 10002R01 to Barnhill Contracting - Faison Plant (Multi-Site), Faison, Sampson County, North Carolina for the construction and operation of air emissions sources or air cleaning devices and appurtenances. Additionally, any emissions activities determined from your air permit application as meeting the exemption requirements contained in 15A NCAC 2Q .0102 or 15A NCAC 2Q .0503 have been listed for information purposes as an "ATTACHMENT" to the enclosed air permit. Please note the records retention requirements are contained in General Condition 2 of the General Conditions and Limitations.

If any parts, requirements, or limitations contained in this permit are unacceptable to you, you have the right to request a formal adjudicatory hearing within 30 days following receipt of this permit, identifying the specific issues to be contested. Such a request will stay the effectiveness of the entire permit. This hearing request must be in the form of a written petition, conforming to G.S. 150B-23 of the North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. The form for requesting a formal

Fayetteville Regional Office - Division of Air Quality
Systel Building, 225 Green Street, Suite 714, Fayetteville, North Carolina 28301-5094
225 Green Street, Suite 714
Phone: (910) 433-3300 \ FAX: (910) 485-7467 \ Internet: www.ncair.org/

One
North Carolina
Naturally

adjudicatory hearing may be obtained upon request from the Office of Administrative Hearings. Unless a request for a hearing is made pursuant to G.S. 150B-23, this air permit shall be final and binding.

You may request modification of your air permit through informal means pursuant to G.S. 150B-22. This request must be submitted in writing to the Director and must identify the specific provisions or issues for which the modification is sought. Please note that the permit will become final and binding regardless of a request for informal modification unless a request for a hearing is also made under G.S. 150B-23.

Unless exempted by a condition of this permit or the regulations, construction of new air pollution sources or air cleaning devices, or modifications to the sources or air cleaning devices described in this permit must be covered under a permit issued by the Division of Air Quality prior to construction. Failure to do so is a violation of G.S. 143-215.108 and may subject the Permittee to civil or criminal penalties as described in G.S. 143-215.114A and 143-215.114B.

This permit shall be effective from March 29, 2010 until May 31, 2014, is nontransferable to future owners and operators, and shall be subject to the conditions and limitations as specified therein.

The Permittee is responsible for carefully reading the entire permit This is a multi-site permit. There are specific requirements that need to be addressed. Note that documents submitted to DAQ should be sent to all affected supervisors (at this time this is Fayetteville and Raleigh). All documents should include a header that lists all facilities and facility ID#s covered by this multi-site permit.

Changes have been made to the permit stipulations. The Permittee is responsible for carefully reading the entire permit and evaluating the requirements of each permit stipulation. The Permittee shall comply with all terms, conditions, requirements, limitations and restrictions set forth in this permit. Noncompliance with any permit condition is grounds for enforcement action, for permit termination, revocation and reissuance, or modification, or for denial of a permit renewal application. Should you have any questions concerning this matter, please contact Jim Moser at (910) 433-3300.

Sincerely,



Steven F. Vozzo
Regional Air Quality Supervisor

jem
encl

C: Central Files
FRO Files
RRO Files

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF AIR QUALITY

AIR PERMIT NOS. 10002R01, 10001R00, & 06691R08

Issue Date: March 29, 2010

Effective Date: March 29, 2010

Expiration Date: May 31, 2014

Replaces Permit: 10002R00

To construct and operate air emission source(s) and/or air cleaning device(s), and for the discharge of the associated air contaminants into the atmosphere in accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina (NCGS) as amended, and other applicable Laws, Rules and Regulations,

Barnhill Contracting - Multi-Site Asphalt Plant

Faison Plant (Multi-Site)

2808 West NC Highway 403

Faison, Sampson County, North Carolina

Fee Class: Synthetic Minor Facility ID# 8200147

Clinton Plant (Multi-Site)

174 Peavine Road

Clinton, Sampson County, North Carolina

Fee Class: Synthetic Minor Facility ID# 8200108

Benson Plant (Multi-Site)

14224 Raleigh Road

Benson, Johnston County, North Carolina

Fee Class: Synthetic Minor Facility ID# 5100203

(the Permittee) is hereby authorized to construct and operate the air emissions sources and/or air cleaning devices and appurtenances described below:

Emission Source ID	Emission Source Description	Control System ID / Description
One (1) Drum Type Hot Mix Asphalt (HMA) Plant with 400 tons per hour capacity:		
ES1 (NSPS)	One Natural Gas / No. 2 Fuel Oil / Recycled No. 2 Fuel Oil / No. 4 Fuel Oil / Recycled No. 4 Fuel Oil-Fired Aggregate Dryer/Mixer (100 MBtu per hour heat input) - Serial # 09-144-2201	CD1 / Inertial Separator in series with Baghouse (12,142 square feet of filter area)
ES2	One HMA Surge Bin	N/A
F1 B	Surge Bin Truck Loadout Operation	N/A
ES3	One HMA Storage Silo (CLINTON & FAISON SITES ONLY)	N/A
F1 A	Silo Truck Loadout Operation (CLINTON & FAISON SITES ONLY)	N/A
One (1) Portable Recycled Asphalt Pavement (RAP) Plant with 50 tons per hour capacity:		
F2	One (1) RAP Crusher (50 ton per hour capacity)	N/A
F3	Three (3) RAP Conveyors	N/A
F4	One (1) RAP Screen	N/A

in accordance with the completed application 8200147.10A received January 26, 2010 including any plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environment and Natural Resources, Division of Air Quality (DAQ) and are incorporated as part of this permit.

This permit is subject to the following specified conditions and limitations including any TESTING, REPORTING, OR MONITORING REQUIREMENTS:

A. SPECIFIC CONDITIONS AND LIMITATIONS

1. Any air emission sources or control devices authorized to construct and operate above must be operated and maintained in accordance with the provisions contained herein. The Permittee shall comply with applicable Environmental Management Commission Regulations, including Title 15A North Carolina Administrative Code (NCAC), Subchapter 2D .0200, 2D .0202, 2D .0506, 2D .0516, 2D .0521, 2D .0524 (40 CFR 60, Subpart I), 2D .0535, 2D .0540, 2D .0611, 2D .1100, 2D .1806, 2Q .0304, 2Q .0311, 2Q .0315, 2Q .0317 (Avoidance), 2Q .0700 and 2Q .0711.
2. PERMIT RENEWAL AND EMISSION INVENTORY REQUIREMENT - The Permittee, at least 90 days prior to the expiration date of this permit, shall request permit renewal by letter in accordance with 15A NCAC 2Q .0304(d) and (f). Pursuant to 15A NCAC 2Q .0203(i), no permit application fee is required for renewal of an existing air permit (without a modification request). The renewal request (with AA application form) should be submitted to the Regional Supervisor, DAQ. Also, at least 90 days prior to the expiration date of this permit, the Permittee shall submit the air pollution emission inventory report (with Certification Sheet) in accordance with 15A NCAC 2D .0202, pursuant to N.C. General Statute 143 215.65. The report shall be submitted to the Regional Supervisor, DAQ and shall document air pollutants emitted for the 2012 calendar year.
3. PARTICULATE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0506 "Particulates from Hot Mix Asphalt Plants,"
 - a. Particulate matter emissions resulting from the operation of a hot mix asphalt plant shall not exceed allowable emission rates. The allowable emission rates are, as defined in 15A NCAC 2D .0506, a function of the process weight rate and shall be determined by the following equation (calculated to two significant figures), where P is the process throughput rate in tons per hour (tons/hr) and E is the allowable emission rate in pounds per hour (lbs/hr).
$$E = 4.9445 * (P)^{0.4376} \quad \text{for } P < 300 \text{ tons/hr, or}$$
$$E = 60 \text{ lbs/hr} \quad \text{for } P \geq 300 \text{ tons/hr}$$
 - b. Visible emissions from stacks or vents at a hot mix asphalt plant shall be less than 20 percent opacity when averaged over a six-minute period.
 - c. Fugitive dust emissions shall be controlled as required by 15A NCAC 2D .0540 "Particulates From Fugitive Dust Emission Sources."

- d. Fugitive emissions for sources at a hot mix asphalt plant not covered elsewhere under this Rule shall not exceed 20 percent opacity averaged over six minutes.
4. SULFUR DIOXIDE CONTROL REQUIREMENT - As required by 15A NCAC 2D .0516 "Sulfur Dioxide Emissions from Combustion Sources," sulfur dioxide emissions from the combustion sources shall not exceed 2.3 pounds per million Btu heat input.
5. VISIBLE EMISSIONS CONTROL REQUIREMENT - As required by 15A NCAC 2D .0521 "Control of Visible Emissions," visible emissions from the emission sources, manufactured after July 1, 1971, shall not be more than 20 percent opacity when averaged over a six-minute period, except that six-minute periods averaging not more than 87 percent opacity may occur not more than once in any hour nor more than four times in any 24-hour period. However, sources which must comply with 15A NCAC 2D .0524 "New Source Performance Standards" or .1110 "National Emission Standards for Hazardous Air Pollutants" must comply with applicable visible emissions requirements contained therein.
6. 15A NCAC 2D .0524 "NEW SOURCE PERFORMANCE STANDARDS" - For One (1) Natural Gas / No. 2 Fuel Oil / Recycled No. 2 Fuel Oil / No. 4 Fuel Oil / Recycled No. 4 Fuel Oil-Fired Aggregate Dryer/Mixer (100 MBtu per hour heat input) - Serial # 09-144-2201 (ID No. ES1), the Permittee shall comply with all applicable provisions, including the notification, testing, reporting, recordkeeping, and monitoring requirements contained in Environmental Management Commission Standard 15A NCAC 2D .0524 "New Source Performance Standards" (NSPS) as promulgated in 40 CFR 60, Subpart I, including Subpart A "General Provisions."
 - a. NSPS Emissions Limitations - As required by 15A NCAC 2D .0524, the Permittee shall not discharge or cause the discharge into the atmosphere from any affected source any gases which:
 - i. Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf); or
 - ii. Exhibit 20 percent opacity, or greater.
7. NOTIFICATION REQUIREMENT - As required by 15A NCAC 2D .0535, the Permittee of a source of excess emissions that last for more than four hours and that results from a malfunction, a breakdown of process or control equipment or any other abnormal conditions, shall:
 - a. Notify the Director or his designee of any such occurrence by 9:00 a.m. Eastern time of the Division's next business day of becoming aware of the occurrence and describe:
 - i. the name and location of the facility,
 - ii. the nature and cause of the malfunction or breakdown,
 - iii. the time when the malfunction or breakdown is first observed,
 - iv. the expected duration, and

- v. an estimated rate of emissions.
- b. Notify the Director or his designee immediately when the corrective measures have been accomplished.

This reporting requirement does not allow the operation of the facility in excess of Environmental Management Commission Regulations.

8. FUGITIVE DUST CONTROL REQUIREMENT - As required by 15A NCAC 2D .0540 "Particulates from Fugitive Dust Emission Sources," the Permittee shall not cause or allow fugitive dust emissions to cause or contribute to substantive complaints or excess visible emissions beyond the property boundary. If substantive complaints or excessive fugitive dust emissions from the facility are observed beyond the property boundaries for six minutes in any one hour (using Reference Method 22 in 40 CFR, Appendix A), the owner or operator may be required to submit a fugitive dust plan as described in 2D .0540(f).

"Fugitive dust emissions" means particulate matter from process operations that does not pass through a process stack or vent and that is generated within plant property boundaries from activities such as: unloading and loading areas, process areas stockpiles, stock pile working, plant parking lots, and plant roads (including access roads and haul roads).

9. FABRIC FILTER REQUIREMENTS including cartridge filters, baghouses, and other dry filter particulate collection devices - As required by 15A NCAC 2D .0611, particulate matter emissions shall be controlled as described in the permitted equipment list.
- a. Inspection and Maintenance Requirements - To comply with the provisions of this permit and ensure that emissions do not exceed the regulatory limits, the Permittee shall perform, at a minimum, an annual (for each 12 month period following the initial inspection) internal inspection of each bagfilter system. In addition, the Permittee shall perform periodic inspections and maintenance as recommended by the equipment manufacturer.
 - b. Recordkeeping Requirements - The results of all inspections and any variance from manufacturer's recommendations or from those given in this permit (when applicable) shall be investigated with corrections made and dates of actions recorded in a logbook. Records of all maintenance activities shall be recorded in the logbook. The logbook (in written or electronic format) shall be kept on-site and made available to DAQ personnel upon request.

10. TOXIC AIR POLLUTANT EMISSIONS LIMITATION AND REPORTING REQUIREMENT - **BENSON SITE** -

Pursuant to 15A NCAC 2D .1100 "Control of Toxic Air Pollutants," and in accordance with the approved application for an air toxic compliance demonstration, the following permit limits shall not be exceeded:

Affected Source(s)	Toxic Air Pollutant	Emission Limit
Aggregate Dryer/Mixer (ES1)	Arsenic & Compounds (ASC (7778394))	0.448 lb/yr
	Benzene (71-43-2)	312 lbs/yr
	Formaldehyde (50-00-0)	1.24 lbs/hr
	Mercury & Compounds (HGC)	0.025 lbs/day
	Nickel metal (7440-02-0)	0.605 lbs/day
HMA Surge Bin (ES2)	Benzene (71-43-2)	3.12 lbs/yr
	Formaldehyde (50-00-0)	0.0336 lbs/hr
Truck Loadout Operation (F1 B)	Benzene (71-43-2)	1.73 lbs/yr
	Formaldehyde (50-00-0)	0.146 hr

- a. Restrictions - To ensure compliance with the above limits, the following restrictions shall apply:
- i. the amount of asphalt produced shall be less than 800,000 tons per calendar year,
 - ii. the amount of asphalt produced shall not exceed 400 tons per hour (the maximum rated capacity of the plant),
 - iii. the aggregate dryer/mixer (ID ES1) with a stack height of 22 feet shall be located a minimum of 161 feet from the property boundary,
 - iv. the HMA surge bin (ID ES2) with a stack height of 36 feet shall be located a minimum of 89 feet from the property boundary and
 - v. the surge bin truck loadout operation (ID F1 B) (fugitive) with a stack height of 5 feet shall be located a minimum of 89 feet from the property boundary.
- b. Reporting Requirements - For compliance purposes, **within 30 days after each calendar year**, regardless of the actual emissions, the following shall be reported to all affected Regional Supervisors, DAQ:
- i. the maximum amount of asphalt produced in any day during the previous 12 month period and
 - ii. the monthly amount of asphalt produced during the previous 12 month period.
- c. Recordkeeping Requirements - The following recordkeeping requirements apply:
- the Permittee shall record daily, monthly, and annual asphalt production in tons for the previous 12 month period.

11. TOXIC AIR POLLUTANT EMISSIONS LIMITATION AND REPORTING REQUIREMENT - **CLINTON SITE** - Pursuant to 15A NCAC 2D .1100 "Control of Toxic Air Pollutants," and in accordance with the approved application for an air toxic compliance demonstration, the following permit limits shall not be exceeded:

Affected Source(s)	Toxic Air Pollutant	Emission Limit
Aggregate Dryer/Mixer (ES1)	Arsenic & Compounds (ASC (7778394))	0.448 lb/yr
	Benzene (71-43-2)	312 lbs/yr
	Formaldehyde (50-00-0)	1.24 lbs/hr
	Mercury & Compounds (HGC)	0.025 lbs/day
	Nickel metal (7440-02-0)	0.605 lbs/day
HMA Surge Bin (ES2)	Benzene (71-43-2)	3.12 lbs/yr
	Formaldehyde (50-00-0)	0.0336 lbs/hr
Surge Bin Truck Loadout Operation (F1 B)	Benzene (71-43-2)	1.73 lbs/yr
	Formaldehyde (50-00-0)	0.00146 lbs/hr
HMA Storage Silo (ES3)	Benzene (71-43-2)	3.12 lbs/yr
	Formaldehyde (50-00-0)	0.0336 lbs/hr
Silo Truck Loadout Operation (F1 A)	Benzene (71-43-2)	1.73 lbs/yr
	Formaldehyde (50-00-0)	0.00146 lbs/hr

- a. Restrictions - To ensure compliance with the above limits, the following restrictions shall apply:
- i. the amount of asphalt produced shall be less than 800,000 tons per calendar year,
 - ii. the amount of asphalt produced shall not exceed 400 tons per hour (the maximum rated capacity of the plant),
 - iii. the aggregate dryer/mixer (ID ES 1) with a stack height of 22 feet shall be located a minimum of 203 feet from the property boundary,
 - iv. the HMA surge bin (ES2) with a stack height of 36 feet shall be located a minimum of 108 feet from the property boundary,
 - v. the HMA storage silo (ID ES3) with a stack height of 80 feet shall be located a minimum of 125 feet from the property boundary,
 - vi. the surge bin truck loadout operation (ID F1 B) (fugitive) with a stack height of 5 feet shall be located a minimum of 108 feet from the property boundary and
 - vii. the storage silo truck loadout operation (F1 A) (fugitive) with a stack height of 5 feet shall be located a minimum of 125 feet from the property boundary

b. Reporting Requirements - For compliance purposes, **within 30 days after each calendar year**, regardless of the actual emissions, the following shall be reported to all affected Regional Supervisors, DAQ:

- i. the maximum amount of asphalt produced in any day during the previous 12 month period and
- ii. the monthly amount of asphalt produced during the previous 12 month period.

c. Recordkeeping Requirements - The following recordkeeping requirements apply:

the Permittee shall record daily, monthly, and annual asphalt production in tons for the previous 12 month period.

12. TOXIC AIR POLLUTANT EMISSIONS LIMITATION AND REPORTING

REQUIREMENT - **FAISON SITE** - Pursuant to 15A NCAC 2D .1100 "Control of Toxic Air Pollutants," and in accordance with the approved application for an air toxic compliance demonstration, the following permit limits shall not be exceeded:

Affected Source(s)	Toxic Air Pollutant	Emission Limit
Aggregate Dryer/Mixer (ES1)	Arsenic & Compounds (ASC (7778394))	0.448 lb/yr
	Benzene (71-43-2)	312 lbs/yr
	Formaldehyde (50-00-0)	1.24 lbs/hr
	Mercury & Compounds (HGC)	0.025 lbs/day
	Nickel metal (7440-02-0)	0.605 lbs/day
HMA Surge Bin (ES2)	Benzene (71-43-2)	3.12 lbs/yr
	Formaldehyde (50-00-0)	0.0336 lbs/hr
Surge Bin Truck Loadout Operation (F1 B)	Benzene (71-43-2)	1.73 lbs/yr
	Formaldehyde (50-00-0)	0.00146 lbs/hr
HMA Storage Silo (ES3)	Benzene (71-43-2)	3.12 lbs/yr
	Formaldehyde (50-00-0)	0.0336 lbs/hr
Silo Truck Loadout Operation (F1 A)	Benzene (71-43-2)	1.73 lbs/yr
	Formaldehyde (50-00-0)	0.00146 lbs/hr

a. Restrictions - To ensure compliance with the above limits, the following restrictions shall apply:

- i. the amount of asphalt produced shall be less than 800,000 tons per calendar year,
- ii. the amount of asphalt produced shall not exceed 400 tons per hour (the maximum rated capacity of the plant),
- iii. the aggregate dryer/mixer (ID ES1) with a stack height of 22 feet shall be located a minimum of 226 feet from the property boundary,

- iv. the HMA surge bin (ID ES2) with a stack height of 36 feet shall be located a minimum of 151 feet from the property boundary,
 - v. the surge bin truck loadout operation (ID F1 B) (fugitive) with a stack height of 5 feet shall be located a minimum of 151 feet from the property boundary,
 - vi. the HMA storage silo (ID ES3) with a stack height of 80 feet shall be located a minimum of 147 feet from the property boundary and
 - vii. the storage silo truck loadout operation (F1 A) (fugitive) with a stack height of 5 feet shall be located a minimum of 147 feet from the property boundary
- b. Reporting Requirements - For compliance purposes, **within 30 days after each calendar year**, regardless of the actual emissions, the following shall be reported to all affected Regional Supervisors, DAQ:
- i. the maximum amount of asphalt produced in any day during the previous 12 month period and
 - ii. the monthly amount of asphalt produced during the previous 12 month period.
- c. Recordkeeping Requirements - The following recordkeeping requirements apply:
- the Permittee shall record daily, monthly, and annual asphalt production in tons for the previous 12 month period.
13. CONTROL AND PROHIBITION OF ODOROUS EMISSIONS - As required by 15A NCAC 2D .1806 "Control and Prohibition of Odorous Emissions" the Permittee shall not operate the facility without implementing management practices or installing and operating odor control equipment sufficient to prevent odorous emissions from the facility from causing or contributing to objectionable odors beyond the facility's boundary.
14. ZONING SPECIFIC CONDITION - Prior to construction or operation of the facility under this permit, the Permittee shall comply with all lawfully adopted local ordinances that apply to the facility at the time of construction or operation of the facility. The local zoning authority shall have the responsibility of enforcing all lawfully adopted local zoning or subdivision ordinances.
15. MULTIPLE SITE PERMIT REQUIREMENTS - As required by 15A NCAC 2Q .0311 "Permitting of Facilities at Multiple Temporary Sites,"
- a. Notification of Installation and Relocation - Within 15 days after the initial installation and at least ten days before each relocation of any portable plant, the Permittee shall provide written notice to all affected Regional Supervisors, DAQ listed in this permit. This written notice shall include the following:
 - i. The installation or relocation dates;

- ii. A list of the equipment affected by the installation or relocation;
 - iii. The county in which the equipment was installed or to which the equipment was relocated; and
 - iv. The county from which the equipment was relocated (if applicable).
- b. Reporting and Correspondence - All correspondence required under this permit shall be provided for each permitted location. All correspondence shall specify this is a multi-site permit and indicate all affected facility ID's and permit numbers. Correspondence shall indicate the required information at each location, and then totals for all locations covered under this permit. This comprehensive report, and all other correspondences, shall be provided to all affected Regional Supervisors, DAQ.
- c. Multi-Site Permitted Locations and Limitations - The equipment listed in this air permit is permitted at the locations specified (and associated facility ID numbers) on the first page of this permit only. All correspondence should reflect the overall totals as well as site specific information. Any production limitations (such as Synthetic Minor) are for the total multi-site permit, and are not based on each individual site.
- d. The counties and locations for which the facility has been permitted and the affected responsible Regional Supervisors are tabulated below:

Counties / Locations Permitted	DAQ Regional Office Information
Sampson County: Faison Plant (8200147) Sampson County Clinton Plant (8200108)	Fayetteville Regional Office Steven F. Vozzo Systel Building 225 Green Street, Suite 714 Fayetteville, NC 28301-5094 Phone: (910) 433-3300 Fax: (910) 485-7467

Counties / Locations Permitted	DAQ Regional Office Information
Johnston County: Benson Plant (5100203)	Raleigh Regional Office Patrick Butler 3800 Barrett Drive Raleigh, NC 27609 Phone: (919) 791-4200 Fax: (919) 571-4718

16. LIMITATION TO AVOID 15A NCAC 2Q .0501 - Pursuant to 15A NCAC 2Q .0315 "Synthetic Minor Facilities," to avoid the applicability of 15A NCAC 2Q .0501 "Purpose of Section and Requirement for a Permit," as requested by the Permittee, facility-wide emissions shall be less than the following:

Pollutant	Emission Limit (Tons per consecutive 12-month period)
SO ₂	100
CO	100

- a. Operations Restrictions - To ensure emissions do not exceed the limitations above, the following restrictions shall apply:
- i. The asphalt production shall be less than 1,481,000 tons per consecutive 12-month period when burning fuel that is 0.5 percent by weight sulfur.
 - ii. The sulfur content of the No. 2 fuel oil, recycled No. 2 fuel oil, No. 4 fuel oil, recycled No. 4 fuel oil shall be limited to 0.5% sulfur by weight.
 - iii. If multiple fuels are used, emissions should be determined using the sum of the individual emissions rates.
- b. Recordkeeping Requirements
- i. The Permittee shall record monthly and total annually the asphalt production
 - ii. Fuel supplier certification shall be kept on-site and made available to DAQ personnel upon request.
- c. Reporting Requirements - Within 30 days after each calendar year, regardless of the actual emissions, the Permittee shall submit the following:

monthly and 12 month totals for the previous 12 month period for the facility's asphalt production.

17. LIMITATION TO AVOID 15A NCAC 2D .0530 "PREVENTION OF SIGNIFICANT DETERIORATION" - In accordance with 15A NCAC 2Q .0317, to comply with this permit and avoid the applicability of 15A NCAC 2D .0530 "Prevention of Significant Deterioration," as requested by the Permittee, emissions shall be limited as follows:

Affected Source(s)	Pollutant	Emission Limit (Tons Per Consecutive 12 - month Period)
Facility Wide	SO ₂	250

- Operations Restrictions - To ensure emissions do not exceed the limitations above, the following restrictions shall apply:

By complying with the operations, recordkeeping, and reporting requirements in stipulation 15A NCAC 2Q .0315, Limitation to Avoid 15A NCAC 2Q .0501 (Permit Condition 17), in a correct and timely manner, the Permittee shall have also complied with the operations, recordkeeping, and reporting requirements for 15A NCAC 2Q .0317, Limitation to Avoid 15A NCAC 2D .0530.

18. VENDOR SUPPLIED RECYCLED No(s). 2 and 4 FUEL OIL REQUIREMENTS - In accordance with Rule 2Q .0317, the Permittee is avoiding the applicability of Rule 2Q .0700 by using recycled fuels which are equivalent to their virgin counterparts. The Permittee is allowed to use the recycled fuel oil(s) supplied by a DAQ-approved vendor as follows:

a. Specifications - The recycled fuel oil(s) shall be equivalent to unadulterated fossil fuel by meeting the following criteria:

Constituent/Property	Allowable Level
Arsenic	1.0 ppm maximum
Cadmium	2.0 ppm maximum
Chromium	5.0 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash Point	
No. 2	100°F minimum
No. 4	130°F minimum
Sulfur	0.5% maximum (by weight)
No. 2	0.5% maximum (by weight)
No. 4	* Note: This facility has requested to have a maximum sulfur content of 0.5% (by weight) for No. 4 oil.
Ash	1.0% maximum

b. The Permittee is responsible for ensuring that the recycled fuel oil(s), as received at the site, meet(s) the approved criteria for unadulterated fuel. The Permittee is held responsible for any discrepancies discovered by DAQ as a result of any sampling and analysis of the fuel oil(s).

c. Recordkeeping Requirements - The Permittee shall maintain at the facility for a minimum of three years, and shall make available to representatives of the DAQ upon request, accurate records of the following:

- i. The actual amount of recycled fuel oil(s) delivered to, and combusted at the facility on an annual basis.
- ii. Each load of recycled fuel oil received shall include the following:

- A. A delivery manifest document clearly showing the shipment content and amount, its place and date of loading, and place and date of destination.
 - B. A batch specific analytical report that contains an analysis for all constituents / properties listed above. Analytical results of the samples representative of the recycled oil shipment from the vendor shall be no more than one year old when received.
 - C. Batch signature information consisting of the following: a batch number, tank identification with batch volume of recycled oil, date and time the batch completed treatment, and volume(s) delivered.
 - D. A certification indicating that the recycled fuel oil does not contain detectable PCBs (<2ppm).
- d. Reporting Requirements - Within 30 days after each calendar year, regardless of the amount received or combusted, the Permittee shall submit in writing to the Regional Supervisor, DAQ, the following:
- i. A summary of the results of the analytical testing for the previous 12 months.
 - ii. The total gallons of recycled fuel oil(s) from each approved vendor combusted at the facility for the previous 12 months.
 - iii. The DAQ reserves the right to require additional testing and/or monitoring of the recycled fuel oil(s) on an annual basis or without notice.

19. REQUIREMENTS FOR USE OF RECYCLED ASPHALT SHINGLES

The Permittee is avoiding applicability of 15A NCAC 2Q .0700 for asbestos by using certified asbestos free recycled post consumer asphalt shingles ("post consumer" meaning already purchased, used on a structure, and removed) that are included as part of the feed materials for the production of asphalt concrete paving material as follows:

- a. The recycled post consumer asphalt shingles shall be received only from a facility that has an approved Recycled Asphalt Shingle management and sampling plan from the NC Division of Waste Management (DWM), and / or
- b. If the facility chooses to process the post consumer asphalt shingles, the facility shall obtain a permit from the NC DWM to receive and process post consumer asphalt shingles.
- c. Recordkeeping Requirements - Each load of post consumer asphalt shingles shall include a report from the processor certifying that the post consumer asphalt shingles comply with DWM rules, regulations, and permit requirements. Records shall be maintained at the facility for a minimum of three years, and the Permittee shall make them available to representatives of the DAQ upon request.

20. TOXIC AIR POLLUTANT EMISSIONS LIMITATION REQUIREMENT - Pursuant to 15A NCAC 2Q .0711 "Emission Rates Requiring a Permit," for each of the below listed toxic air pollutants (TAPs), the Permittee has made a demonstration that facility-wide actual emissions do not exceed the Toxic Permit Emission Rates (TPERs) listed in 15A NCAC 2Q .0711. The facility shall be operated and maintained in such a manner that emissions of any listed TAPs from the facility, including fugitive emissions, will not exceed TPERs listed in 15A NCAC 2Q .0711.

- a. A permit to emit any of the below listed TAPs shall be required for this facility if actual emissions from all sources will become greater than the corresponding TPERs.
- b. PRIOR to exceeding any of these listed TPERs, the Permittee shall be responsible for obtaining a permit to emit TAPs and for demonstrating compliance with the requirements of 15A NCAC 2D .1100 "Control of Toxic Air Pollutants".
- c. In accordance with the approved application, the Permittee shall maintain records of operational information demonstrating that the TAP emissions do not exceed the TPERs as listed below:

Pollutant	Carcinogens (lb/yr)	Chronic Toxicants (lb/day)	Acute Systemic Toxicants (lb/hr)	Acute Irritants (lb/hr)
Acetaldehyde (75-07-0)				6.8
Acrolein (107-02-8)				0.02
Benzo (a) pyrene (Component of 83329/POMTV & 56553/7PAH) (50-32-8)	2.2			
Beryllium Metal (unreacted) (Component of BEC) (7440-41-7)	0.28			
Cadmium Metal, elemental, unreacted (Component of CDC) (7440-43-9)	0.37			
Carbon disulfide (75- 15-0)		3.9		
Chromium (VI) Soluble Chromate Compounds (Component of CRC) (SolCR6)		0.013		
Hexachlorodibenzo-p- dioxin 1,2,3,6,7,8 (57653-85-7)	0.0051			

Pollutant	Carcinogens (lb/yr)	Chronic Toxicants (lb/day)	Acute Systemic Toxicants (lb/hr)	Acute Irritants (lb/hr)
Hexane, n- (110-54-3)		23		
MEK (methyl ethyl ketone, 2-butanone) (78-93-3)		78		22.4
Manganese & compounds (MNC)		0.63		
Methyl chloroform (71- 55-6)		250		64
Methylene chloride (75- 09-2)	1600		0.39	
Perchloroethylene (tetrachloroethylene) (127-18-4)	13000			
Phenol (108-95-2)			0.24	
Styrene (100-42-5)			2.7	
TCE (trichloroethylene) (79-01-6)	4000			
Tetrachlorodibenzo-p- dioxin, 2,3,7,8- (Component of CLDC & 83329/POMTV) (1746-01-6)	0.0002			
Toluene (108-88-3)		98		14.4
Xylene (mixed isomers) (1330-20-7)		57		16.4

B. GENERAL CONDITIONS AND LIMITATIONS

1. TWO COPIES OF ALL DOCUMENTS, REPORTS, TEST DATA, MONITORING DATA, NOTIFICATIONS, REQUESTS FOR RENEWAL, AND ANY OTHER INFORMATION REQUIRED BY THIS PERMIT shall be submitted to both

Regional Air Quality Supervisor
North Carolina Division of Air Quality
Fayetteville Regional Office
Systel Building
225 Green Street, Suite 714
Fayetteville, NC 28301-5094
(910) 433-3300

AND

Regional Air Quality Supervisor
North Carolina Division of Air Quality
Raleigh Regional Office
3800 Barrett Drive
Raleigh, NC 27609
(919) 791-4200

For identification purposes, each submittal should include the facility name as listed on the permit, the facility identification number, and the permit number.

2. RECORDS RETENTION REQUIREMENT - Any records required by the conditions of this permit shall be kept on site and made available to DAQ personnel for inspection upon request. These records shall be maintained in a form suitable and readily available for expeditious inspection and review. These records must be kept on site for a minimum of 2 years, unless another time period is otherwise specified.
3. ANNUAL FEE PAYMENT - Pursuant to 15A NCAC 2Q .0203(a), the Permittee shall pay the annual permit fee within 30 days of being billed by the DAQ. Failure to pay the fee in a timely manner will cause the DAQ to initiate action to revoke the permit.
4. EQUIPMENT RELOCATION - A new air permit shall be obtained by the Permittee prior to establishing, building, erecting, using, or operating the emission sources or air cleaning equipment at a site or location not specified in this permit.
5. This permit is subject to revocation or modification by the DAQ upon a determination that information contained in the application or presented in the support thereof is incorrect, conditions under which this permit was granted have changed, or violations of conditions contained in this permit have occurred. The facility shall be properly operated and maintained at all times in a manner that will effect an overall reduction in air pollution. Unless otherwise specified by this permit, no emission source may be operated without the concurrent operation of its associated air cleaning device(s) and appurtenances.

6. REPORTING REQUIREMENT - Any of the following that would result in previously unpermitted, new, or increased emissions must be reported to the Regional Supervisor, DAQ:
- a. changes in the information submitted in the application regarding facility emissions;
 - b. changes that modify equipment or processes of existing permitted facilities; or
 - c. changes in the quantity or quality of materials processed.

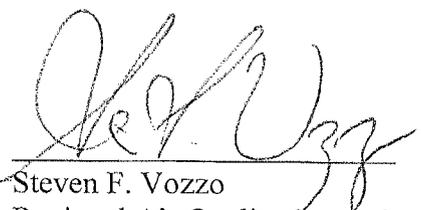
If appropriate, modifications to the permit may then be made by the DAQ to reflect any necessary changes in the permit conditions. In no case are any new or increased emissions allowed that will cause a violation of the emission limitations specified herein.

7. This permit is nontransferable by the Permittee. Future owners and operators must obtain a new air permit from the DAQ.
8. This issuance of this permit in no way absolves the Permittee of liability for any potential civil penalties which may be assessed for violations of State law which have occurred prior to the effective date of this permit.
9. This permit does not relieve the Permittee of the responsibility of complying with all applicable requirements of any Federal, State, or Local water quality or land quality control authority.
10. Reports on the operation and maintenance of the facility shall be submitted by the Permittee to the Regional Supervisor, DAQ at such intervals and in such form and detail as may be required by the DAQ. Information required in such reports may include, but is not limited to, process weight rates, firing rates, hours of operation, and preventive maintenance schedules.
11. A violation of any term or condition of this permit shall subject the Permittee to enforcement pursuant to G.S. 143-215.114A, 143-215.114B, and 143-215.114C, including assessment of civil and/or criminal penalties.
12. Pursuant to North Carolina General Statute 143-215.3(a)(2), no person shall refuse entry or access to any authorized representative of the DAQ who requests entry or access for purposes of inspection, and who presents appropriate credentials, nor shall any person obstruct, hamper, or interfere with any such representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
13. The Permittee must comply with any applicable Federal, State, or Local requirements governing the handling, disposal, or incineration of hazardous, solid, or medical wastes, including the Resource Conservation and Recovery Act (RCRA) administered by the Division of Waste Management.

14. PERMIT RETENTION REQUIREMENT - The Permittee shall retain a current copy of the air permit at the site. The Permittee must make available to personnel of the DAQ, upon request, the current copy of the air permit for the site.
15. CLEAN AIR ACT SECTION 112(r) REQUIREMENTS - Pursuant to 40 CFR Part 68 "Accidental Release Prevention Requirements: Risk Management Programs Under the Clean Air Act, Section 112(r)," if the Permittee is required to develop and register a risk management plan pursuant to Section 112(r) of the Federal Clean Air Act, then the Permittee is required to register this plan in accordance with 40 CFR Part 68.
16. PREVENTION OF ACCIDENTAL RELEASES - GENERAL DUTY - Pursuant to Title I Part A Section 112(r)(1) of the Clean Air Act "Hazardous Air Pollutants - Prevention of Accidental Releases - Purpose and General Duty," although a risk management plan may not be required, if the Permittee produces, processes, handles, or stores any amount of a listed hazardous substance, the Permittee has a general duty to take such steps as are necessary to prevent the accidental release of such substance and to minimize the consequences of any release. **This condition is federally-enforceable only.**
17. GENERAL EMISSIONS TESTING AND REPORTING REQUIREMENTS - If emissions testing is required by this permit, or the DAQ, or if the Permittee submits emissions testing to the DAQ in support of a permit application or to demonstrate compliance, the Permittee shall perform such testing in accordance with 15A NCAC 2D .2600 and follow all DAQ procedures including protocol approval, regional notification, report submittal, and test results approval.

Permit issued this the 29th of March, 2010.

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION



Steven F. Vozzo

Regional Air Quality Supervisor

By Authority of the Environmental Management Commission

Air Permit No. 10002R01

Insignificant / Exempt Activities

Source	Exemption Regulation	Source of TAPs? Source of Title V Pollutants?
I-H1 - Asphalt Heater (2.0 MBtu /hr heat input)	2Q .0102 (c)(2)(B)(i)(I)	Yes
I-H3 - Asphalt Heater (1.0 MBtu /hr heat input)	2Q .0102 (c)(2)(B)(i)(I)	Yes
I-H4 - Asphalt Heater (0.8 MBtu / hr heat input)	2Q .0102 (c)(2)(B)(i)(I)	Yes
I-H2 - Hot Oil Heater (1.5 MBtu / hr heat input)	2Q .0102 (c)(2)(B)(i)(I)	Yes
I-ST1 - 20,000-Gallon Fuel Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes
I-ST5 - 10,000-Gallon Fuel Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes
I-ST6 - 1,500-Gallon Fuel Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes
I-ST2 - 30,000-Gallon Asphalt Cement Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes
I-ST3 - 30,000-Gallon Asphalt Cement Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes
I-ST4 - 10,000-Gallon Asphalt Cement Storage Tank	2Q .0102 (c)(1)(D)(i)	Yes

1. Because an activity is exempted from being required to have a permit or permit modification does not mean that the activity is exempted from an applicable requirement or that the owner or operator of the source is exempted from demonstrating compliance with any applicable requirement.
2. When applicable, emissions from stationary source activities identified above shall be included in determining compliance with the permit requirements for toxic air pollutants under 15A NCAC 2D .1100 "Control of Toxic Air Pollutants" or 2Q .0711 "Emission Rates Requiring a Permit."

Financial Assurance

The financial assurance cost for this facility is based on the estimated maximum amount of asphalt shingles onsite that has not been verified as free from asbestos. The nearest permitted landfill that can accept this waste for disposal is the Sampson County Landfill in Roseboro, NC, Permit No. 82-02.

Quantity of Waste for Estimate

Frequency of sampling =	per load received
Estimated loads received =	5 per day
Estimated tons per load =	2
Time between sampling and results =	7 days
Quantity (tons/day x days) =	70 tons

Cost of Removal and Disposal

Disposal facility =	Sampson County Landfill Permit No. 82-02	
Unit cost loading waste =	\$4.25	per ton
Distance to landfill =	22.34	miles
Unit cost for hauling =	\$8.50	per ton
Unit cost for disposal (landfill cost)=	\$39.00	per ton
Total Unit Cost =	\$51.75	

Financial Assurance = (Quantity x Total Unit Cost) + 10% Contingency = \$3,985

Applicant Signature Page

Name of facility FAISON ASPHALT PLANT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision and that the information provided in this application 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.



Signature

David Glover

Print Name

10/26/10

Date

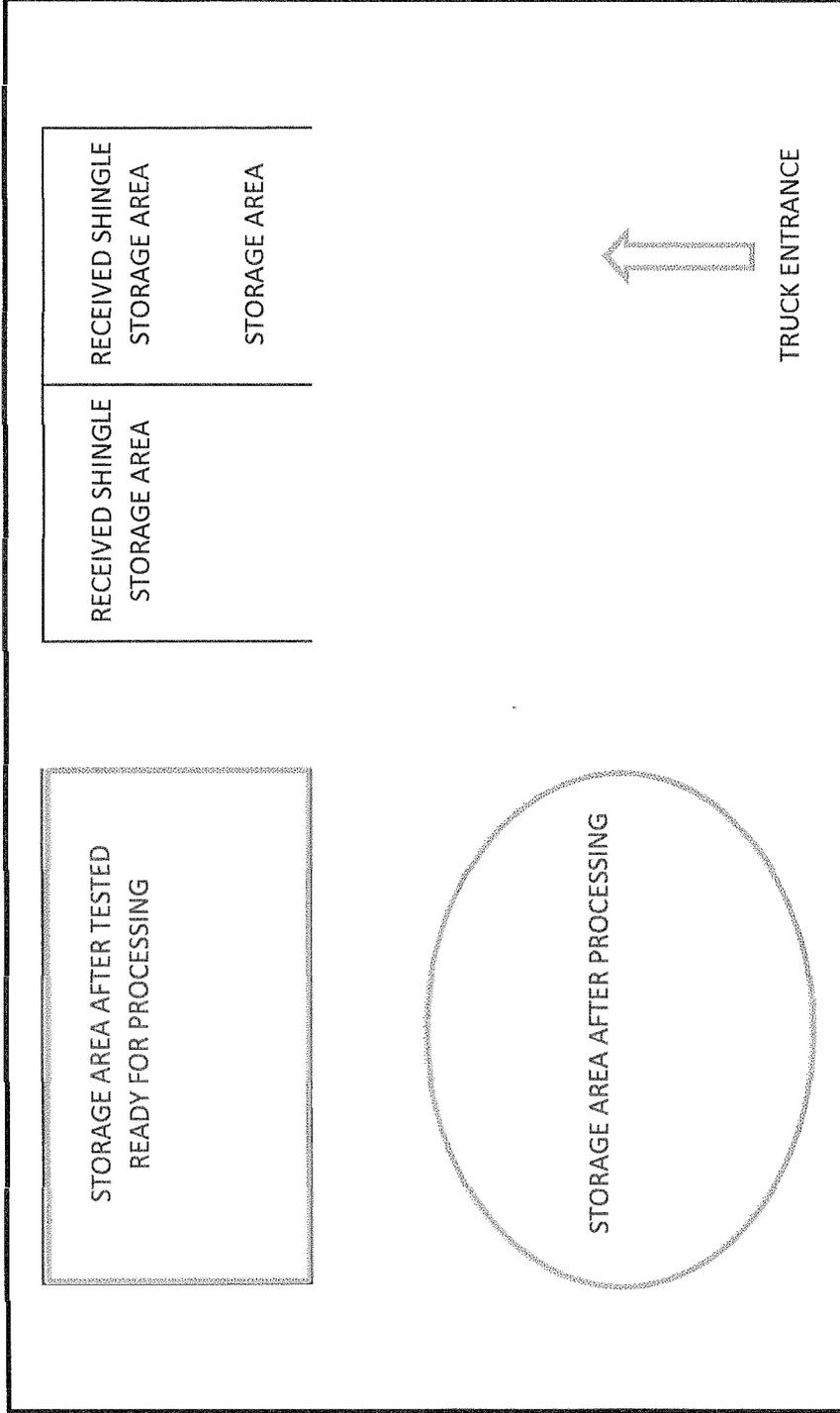
Asphalt QC General Mgr.

Title

Barnhill Contracting Company

Business or organization name

SHINGLE OPERATIONAL AREA

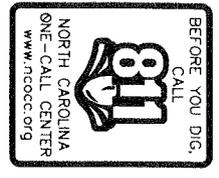


TOTAL AREA = 1 ACRE

Revised 11/17/2010

LEGEND

- (A) 30,000 GALLON ASPHALT CEMENT
- (B) 10,000 GALLON #2 DIESEL
- (C) 250 GALLON RELEASE AGENT
- (D) VARIOUS SIZED AGGREGATE BULK STORAGE



BEFORE YOU DIG,
CALL
811

OUTFALL C
10' WEIR
3.57 AC.
C=0.50

OUTFALL B
10' WEIR
3.58 AC.
C=0.50

OUTFALL A
12' WEIR
4.95 AC.
C=0.50

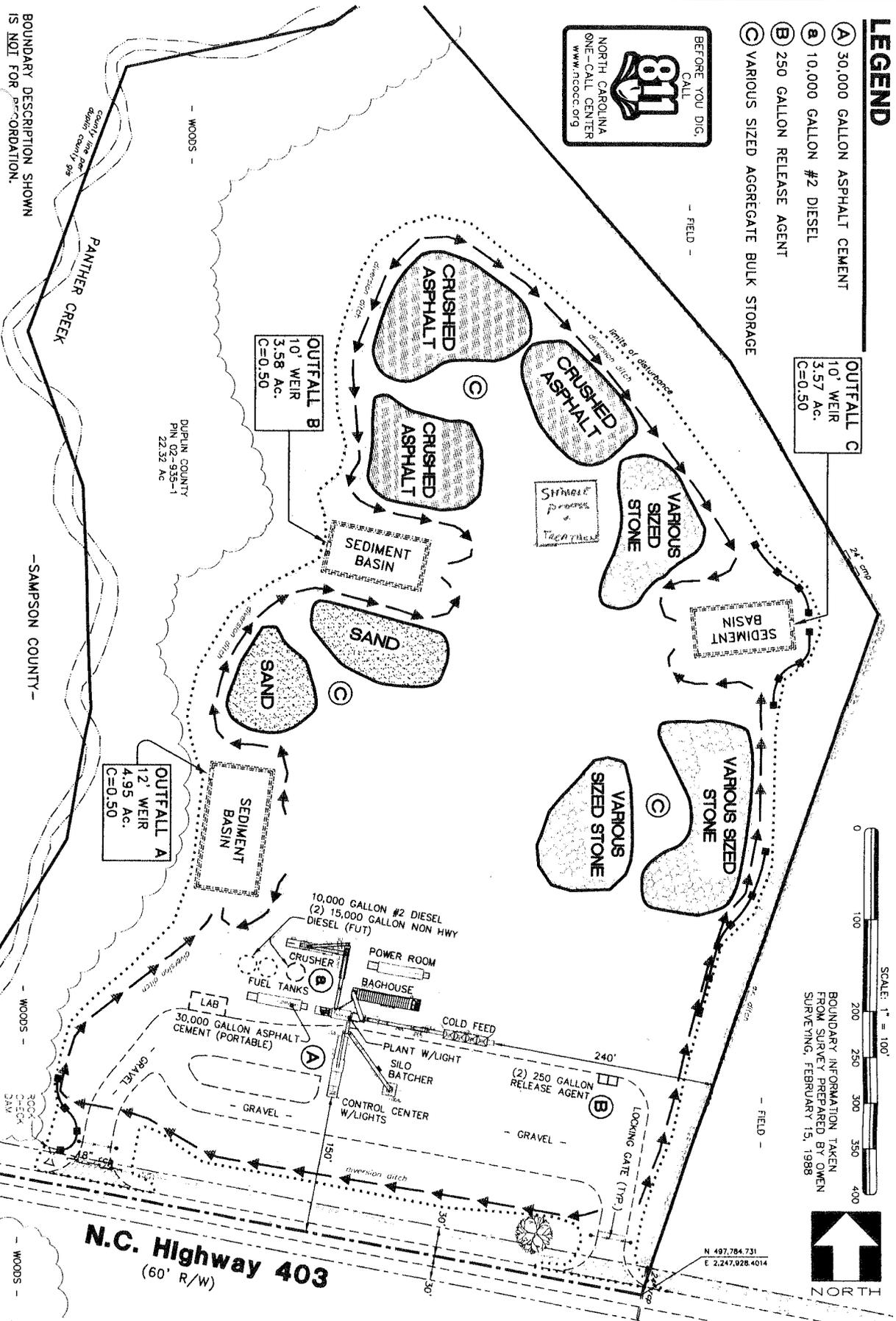
DUPLIN COUNTY
PIN 02-935-1
22.32 AC



BOUNDARY INFORMATION TAKEN
FROM SURVEY PREPARED BY OWEN
SURVEYING, FEBRUARY 15, 1988



N 497,784.731
E 2,247,928.4014



BOUNDARY DESCRIPTION SHOWN
IS NOT FOR RECORDATION.

**SITE SKETCH for
BARNHILL ASPHALT PLANT
SAMPSON COUNTY, N.C.**

DRAWN BY M.G.Jr.	JN 09-036
SCALE: 1"=100'	FILE NAME 09036-S1
DATE: APRIL 2009	SHEET #: 2 OF 2

CONSULTING ENGINEERS, P.A.
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