

1 Columbus Co. - 29-d

2000

4

2000

24012000



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

December 6, 2000

JAMES B. HUNT JR.
GOVERNOR

BILL HOLMAN
SECRETARY

WILLIAM L. MEYER
DIRECTOR

Mr. Dempsey Herring, County Administrator
County of Columbus
Administrative Building
111 Washington Street
Whiteville, North Carolina 28472

Subject: Columbus County Land Clearing and Inert Debris(LCID) Landfill Unit
Columbus County LF, Whiteville, Columbus County, North Carolina
Permit # 24-01: LCID UNIT

Dear Mr. Herring:

Enclosed please find a Solid Waste Permit and Conditions of the Solid Waste Permit for the above referenced Land Clearing & Inert Debris(LCID)landfill. This is a PERMIT TO OPERATE, issued in accordance with Section .0201(b) and consistent with Section .0203 of the Solid Waste Management Rules 15A NCAC 13B, based on the information provided by Marlowe, Drietzler & Associates Inc. in a letter dated 13 October 2000 and subsequent documents submitted on 8 November 2000. PHASE 1(a five year unit) is approved for operation as shown on sheets C-5. The issuance of this permit does not exempt an applicant from any local ordinances that may regulate a facility and the responsibility of compliance with any applicable ordinance lies with the permit holder.

If you have any questions or need further assistance please contact Mr. John Crowder, Waste Management Specialist, in our Wilmington Regional Office at (910) 395-3900 or Jim Barber at (910) 486-1541 Ext: 754 or (919) 733-0692 Ext: 344.

Sincerely,

Jim Barber

Eastern Area Engineer
Solid Waste Section

cc: Jim Coffey
Mark Fry
John Crowder

✓ Raleigh Central File: Permit #24-01 : Columbus County LF file



PERMIT NUMBER: 24-01
ORIGINAL DATE ISSUED(PTC/C&D): 05/06/99
ORIGINAL DATE ISSUED(PTO/LCID): 12/07/00

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
1646 MAIL SERVICE CENTER; RALEIGH, N.C. 27699-1646

SOLID WASTE PERMIT

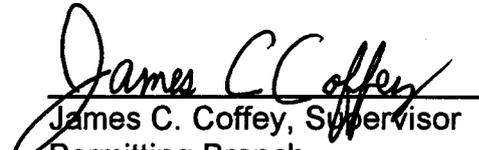
COLUMBUS COUNTY (LANDOWNER)

AND

WASTE MANAGEMENT INC. (OPERATOR)

is hereby issued a PERMIT TO OPERATE
PHASE 1(a four acre - five year phase) of a
LAND CLEARING AND INERT DEBRIS LANDFILL

on property identified as THE COLUMBUS COUNTY LANDFILL located off of S.R. 1428 and S.R. 1451 (Map Book 44 and Page 7/ a 193.77 acre tract), in the Whiteville Township, Whiteville, Coumbus County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The facility is located and described by the legal description in the permit application and the site drawings.


James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

PERMIT NUMBER: 24-01
ORIGINAL DATE ISSUED(PTC/C&D): 05/06/99
ORIGINAL DATE ISSUED(PTO/LCID): 12/07/00
FACILITY NAME: COLUMBUS COUNTY LCID LANDFILL UNIT-
PHASE #1: WHITEVILLE, COLUMBUS
COUNTY, N.C.

CONDITIONS OF PERMIT

1. This permit to operate is issued for a period not to exceed five years from date of issuance, 7 December 2005. This permit is for the operation of the landfill, Phase 1, according to the approved plans dated 29 September 2000(received 13 October 2000). Any revisions of these approved plans must be approved by the North Carolina Solid Waste Section.
2. Amendments or revisions to the NC Solid Waste Management Rules or any violation of groundwater standards may necessitate modification of the approved plans or closure of the facility.
3. When this property is sold, leased, conveyed, or transferred, the deed or other instrument of transfer shall contain in the deed description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a land clearing and inert debris landfill.
4. This facility is permitted to receive land clearing waste, yard trash(consisting of leaves, limbs, and tree trimmings) untreated and unpainted wood, and inert debris such as rock, brick, concrete, concrete block, and uncontaminated soil. Waste acceptance requirements may be affected by future revisions and amendments to the NC General Statutes, or to the NC Solid Waste Management Rules.
5. Waste shall be placed a minimum of four (4) feet above the seasonal high water table consistent with the approved contours.
6. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan required by 15A NCAC 13B .0565(4) prepared by Marlowe, Drietzler & Assoc. and the operational notes on the approved drawings.

PERMIT NUMBER: **24-01**
ORIGINAL DATE ISSUED(PTC/C&D): 05/06/99
ORIGINAL DATE ISSUED(PTO/LCID): 12/07/00
FACILITY NAME: COLUMBUS COUNTY LCID LANDFILL UNIT-
PHASE #1: WHITEVILLE, COLUMBUS
COUNTY, N.C.

8. This permit is not transferable.
9. The following requirements shall be maintained, during the operation of the site, to receive solid waste at the site:
 - a. Access to the site for semi-annual inspection shall be allowed by a representative of the Solid Waste Section unannounced.
 - b. A sign shall be posted at the entrance as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16) with the following: emergency phone #, permit number and waste types allowed.
 - c. All LCID waste shall be placed in the approved disposal area.
10. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L.
11. The approved sedimentation and erosion control plan shall be following for earth disturbing activities and all such activities shall be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) along with any other state, federal or local requirements.
12. Open burning of land clearing waste is PROHIBITED.

Verified by _____ County on the _____ day of _____, 19____
by AR 8-21 '86

James E. Hill, Jr., 109 Courthouse Square, Whiteville, N. C.

Mail after recording to _____

This instrument was prepared by James E. Hill, Jr.

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 20th day of August, 1986, by and between

GRANTOR

GRANTEE

GARLAND WILLIAMSON and wife,
SHELBA P. WILLIAMSON,

COUNTY OF COLUMBUS, A Body Politic

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in Whiteville Township, Columbus County, North Carolina and more particularly described as follows:

Being all of that 193.77 acre tract of land inclusive of highway right of way as shown on that plat for "Columbus County Landfill Property" by Billy M. Duncan, Registered Land Surveyor, dated the 23rd day of July, 1986, and filed and recorded in the Office of the Register of Deeds of Columbus County, N. C. in Map Book 44, page 7, on the 8th day of August, 1986. Reference is hereby made to said recorded map for a more particular and accurate description of the entire premises described and intended to be conveyed herein. The 0.65 acre Cemetery is reserved by the grantors and is not to be conveyed to the County of Columbus. The land of the easement is conveyed to Columbus County, but the right of ingress and regress is reserved by the grantors, their heirs and assigns.

This conveyance specifically excludes any A.S.C.S. crop allotments.

ATTACHMENTS

List of Additional Documents for the Approved Transition Plan

1. Site application and revised Construction Plans for the Columbus County C&D Landfill Unit 1, Permit # 24-01. Document titled Columbus County, North Carolina Construction and Demolition Landfill Permit Application dated July 1998 and received 18 August 1998.
2. Revised site plans and additional aerial photographs received 12 November 1998.
3. Revised Geological and Hydrogeological Study report dated 11 December 1998 and received 15 December 1998.
4. Addendum to revised Geological and hydrogeological Study report dated 9 March 1999 and received 22 March 1999.
5. Revised construction plans dated 3 May 1999 and received 4 May 1999.
6. Revised monitoring well location drawing dated 3 May 1999 received 4 May 1999.
7. Zoning letter from Dempsey Herring dated 30 July 1998, as part of the site application.
8. Permit submittal document for the LCID landfill unit that is derived from the C&D landfill application, dated October 2000 and received 13 October 2000.
9. Revised site operations drawings for the LCID unit dated 29 September 2000, received 13 October 2000 and approved 7 December 2000. Additional sets (three) received 8 November 2000.

INTERNATIONAL PAPER

RIEGELWOOD MILL
JOHN L. RIEGEL ROAD
RIEGELWOOD NC 28456
PHONE 910 655 2211

September 26, 2000

Mr. Ed Mussler
NC-DENR
Division of Waste Management
401 Oberlin Rd., Suite 150
Raleigh, NC 27605

CERTIFIED MAIL: Z596 075 078

Subject: Oil Contaminated Soil Remediation Plan
Tenth 90-day Status Report

Dear Mr. Mussler:

This is the tenth 90-day status report on the Oil Contaminated Soil Remediation Plan submitted to you on October 21, 1997. The report includes test results from soil samples twenty-three, twenty-four, and twenty-five of Phase II of the plan. A summary follows; actual laboratory results are attached.

July samples tested atypically high. Our contract lab, Oxford Labs, verified results and can offer no explanation for the unusual numbers. Aside from July's outlying data, Total Petroleum Hydrocarbons are approaching the desired level of 500 ppm. Beginning in July 1999, as agreed, BTX testing is performed on one sample per month, assuring continued compliance with the 10 ppm level set by your department.

Monthly composite samples will continue to be collected and tested for BTX and TPH using EPA method 8020 and revised EPA method 9071B, respectively, until both specified limits are met. Also, starting in October, 1999, TPH is run according to revised EPA method 9071B.

Please contact Wallace Coverdale at (910)655-6590 for additional information.



RESULTS SUMMARY

<u>PHASE II</u>	<u>SAMPLE DATE</u>	<u>SAMPLE ID</u>	<u>TPH(ppm)</u> [Target = 500ppm]	<u>BTX(ppb)</u> [Target = 10ppm]
Twenty-third Set	7/26/00	CSS 1	3940	652
		CSS 2	10400	
		CSS 3	2760	
		CSS 4	1890	
Twenty-fourth Set	8/22/00	CSS 1	502	546
		CSS 2	864	
		CSS 3	185	
		CSS 4	323	
Twenty-fifth Set	9/15/00	CSS 1	345	761
		CSS 2	664	
		CSS 3	140	
		CSS 4	115	

Based on available information, and after reasonable inquiry, I believe this report to be true, accurate, and complete.

Sincerely,



Edward J. Kreul
Manager, Environment, Health and Safety

attachments

cc: Terry Dover
Ikie Guyton
Diane Rossi
Charles Stehman October, 1997.



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 07-26-00
DATE REPORTED 08-03-00
00W2555

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0061-00598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 O&G 1 BTEX 7-26-00

1. CSS1 AS RECEIVED
2. CSS1 DRY BASIS
3. CSS2 AS RECEIVED
4. CSS2 DRY BASIS
5. CSS3 AS RECEIVED
6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Benzene, PPB	<500	<652	X	X	X	X
Toluene, PPB	<500	<652	X	X	X	X
Ethyl Benzene, PPB	<500	<652	X	X	X	X
Xylene, PPB	<500	<652	X	X	X	X
Oil & Grease						
SW846 9071 Gravimetric, PPM	3020	3940	7250	10400	2050	2760
Total Solids, %	76.73	X	69.76	X	74.16	X



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 07-26-00
DATE REPORTED 08-03-00
00W2555

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0061-00598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 O&G 1 BTEX 7-26-00

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

	<u>7</u>	<u>8</u>
Oil & Grease		
SW846 9071 Gravimetric, PPM	1240	1890
Total Solids, %	65.44	X


SHELIA GREENE, CHEMIST



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 08-23-00
DATE REPORTED 09-06-00
00W3100

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 O&G 1 BTEX 8-22-00

1. CSS1 AS RECEIVED
2. CSS1 DRY BASIS
3. CSS2 AS RECEIVED
4. CSS2 DRY BASIS
5. CSS3 AS RECEIVED
6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Benzene, PPB	X	X	<500	<546	X	X
Toluene, PPB	X	X	<500	<546	X	X
Ethyl Benzene, PPB	X	X	<500	<546	X	X
Total Xylenes, PPB	X	X	<500	<546	X	X
SW846 9071 Gravimetric	x	x	x	x	x	x
Oil & Grease, PPM	471	502	791	864	164	185
Total Solids, %	93.90	X	91.51	x	88.49	X



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 08-23-00
DATE REPORTED 09-06-00
00W3100

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

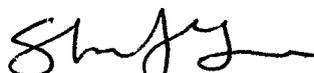
ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 O&G 1 BTEX 8-22-00

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

	<u>7</u>	<u>8</u>
SW846 9071 Gravimetric	x	x
Oil & Grease, PPM	286	323
Total Solids, %	88.47	X


SHELIA GREENE, CHEMIST



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 09-15-00
DATE REPORTED 09-22-00
00W3567

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES O&G 1 BTEX 9-15-00

1. CSS1 AS RECEIVED
2. CSS1 DRY BASIS
3. CSS2 AS RECEIVED
4. CSS2 DRY BASIS
5. CSS3 AS RECEIVED
6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Oil & Grease						
SW846 9071 Gravimetric, PPM	331	345	613	664	92	140
Total Solids, %	95.90	X	92.35	X	65.66	X
Benzene, PPB	X	X	X	X	<500	<761
Toluene, PPB	X	X	X	X	<500	<761
Ethyl Benzene, PPB	X	X	X	X	<500	<761
Xylene, PPB	X	X	X	X	<500	<761



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 09-15-00
DATE REPORTED 09-22-00
00W3567

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES O&G 1 BTEX 9-15-00

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

	<u>7</u>	<u>8</u>
Oil & Grease		
SW846 9071 Gravimetric, PPM	104	115
Total Solids, %	90.79	X


ROGER OXFORD, CHEMIST

INTERNATIONAL PAPER



RIEGELWOOD MILL
 JOHN L. RIEGEL ROAD
 RIEGELWOOD NC 28456
 PHONE 910 655 2211

July 26, 2000

Mr. Ed Mussler
 NC-DENR
 Division of Waste Management
 401 Oberlin Rd., Suite 150
 Raleigh, NC 27605

CERTIFIED MAIL: Z 596 075 062

Subject: Oil Contaminated Soil Remediation Plan
 Ninth 90-day Status Report

Dear Mr. Mussler:

This is the ninth 90-day status report on the Oil Contaminated Soil Remediation Plan submitted to you on October 21, 1997. The report includes the twentieth, twenty-first, and twenty-second sets of soil samples of Phase II of the plan. Results follow; laboratory results are attached.

Beginning in July 1999, as agreed, BTX testing is performed on only one sample per month to ensure continued compliance with the 10 ppm level set by your department in October, 1997. Also, beginning in October, 1999 TPH is run according to revised EPA method 9071B.

<u>PHASE II</u>	<u>SAMPLE DATE</u>	<u>SAMPLE ID</u>	<u>TPH(ppm)</u> [Target = 500ppm]	<u>BTX(ppb)</u> [Target = 10ppm]
Twentieth Set	4/24/00	CSS 1	1090	< <
		CSS 2	1120	< <612
		CSS 3	1530	< <
		CSS 4	615	< <
Twenty-first Set	5/31/00	CSS 1	727	< <
		CSS 2	764	< <
		CSS 3	493	< <523
		CSS 4	309	<
Twenty-second Set	6/30/00	CSS 1	690	<
		CSS 2	1530	<
		CSS 3	511	<
		CSS 4	601	<338

BTX samples continue to test below the specified level of 10 ppm. Monthly composite samples will continue to be collected and tested for BTX and TPH using EPA method 8020 and revised EPA method 9071B, respectively, until both specified limits are met.

Please contact Wallace Coverdale at (910)655-6590 for any additional information.

Based on available information, and after reasonable inquiry, I believe this report to be true, accurate, and complete.

Sincerely,

A handwritten signature in black ink that reads "Edward J. Kreul". The signature is written in a cursive style with a large, prominent initial "E".

Edward J. Kreul
Manager, Environmental, Health & Safety

attachments

cc: Terry Dover
Ikie Guyton
Diane Rossi
Charles Stehman



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 04-25-00
DATE REPORTED 05-01-00
00W9773

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # 061-199918

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES 4-24-00

1. CSS1 AS RECEIVED
2. CSS1 DRY BASIS
3. CSS2 AS RECEIVED
4. CSS2 DRY BASIS
5. CSS3 AS RECEIVED
6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Benzene, PPB	X	X	<500	<612	X	X
Toluene, PPB	X	X	<500	<612	X	X
Ethyl Benzene, PPB	X	X	<500	<612	X	X
Total Xylene, PPB	X	X	<500	<612	X	X
Oil & Grease						
SW846 9071 Gravimetric, PPM	756	1090	913	1120	1360	1530
Total Solids, %	69.14	X	81.83	X	88.70	X



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 04-25-00
DATE REPORTED 05-01-00
00W9773

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # 061-199918

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES 4-24-00

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

7 8

Oil & Grease

SW846 9071 Gravimetric, PPM

574 615

Total Solids, %

93.33 X

A handwritten signature in cursive script, appearing to read 'Shelia Greene', written in black ink.

SHELIA GREENE, CHEMIST



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 06-02-00
DATE REPORTED 06-15-00
00W1473

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S661-199918

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES 5-31-00

1. CSS1 AS RECEIVED
2. CSS1 DRY BASIS
3. CSS2 AS RECEIVED
4. CSS2 DRY BASIS
5. CSS3 AS RECEIVED
6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Benzene, PPB	X	X	X	X	<500	<523
Toluene, PPB	X	X	X	X	<500	<523
Ethyl Benzene, PPB	X	X	X	X	<500	<523
Total Xylene, PPB	X	X	X	X	<500	<523
Oil & Grease						
SW846 9071 Gravimetric, PPM	640	727	677	764	472	493
Total Solids, %	87.98	X	88.59	X	95.68	X



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 06-02-00
DATE REPORTED 06-15-00
00W1473

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S661-199918

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES 5-31-00

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

7 8

Oil & Grease

SW846 9071 Gravimetric, PPM

275 309

Total Solids, %

89.11 X

SHELIA GREENE, CHEMIST



Analytical and Consulting Chemists

1316 South Fifth Street

Wilmington, N.C. 28401

(910) 763-9793

Fax (910) 343-9688

DATE RECEIVED 06-30-00

DATE REPORTED 07-20-00

00W2026

PAGE 1 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES O&G/BTEX

- 1. CSS1 AS RECEIVED
- 2. CSS1 DRY BASIS
- 3. CSS2 AS RECEIVED
- 4. CSS2 DRY BASIS
- 5. CSS3 AS RECEIVED
- 6. CSS3 DRY BASIS

RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
Oil & Grease, SW846 9071, PPM	640	690	1380	1530	401	511
Total Solids, %	92.79	X	90.29	X	78.42	X



Analytical and Consulting Chemists

1316 South Fifth Street
Wilmington, N.C. 28401
(910) 763-9793
Fax (910) 343-9688

DATE RECEIVED 06-30-00
DATE REPORTED 07-20-00
00W2026

PAGE 2 OF 2

INTERNATIONAL PAPER
P. O. BOX 8
RIEGELWOOD, NC 28456

P.O. # S0661-000598

ATTENTION: WALLACE COVERDALE

SAMPLE DESCRIPTION: 4 SOIL SAMPLES O&G/BTEX

- 7. CSS4 AS RECEIVED
- 8. CSS4 DRY BASIS

RESULTS

	<u>7</u>	<u>8</u>
Benzene, PPB	<500	<601
Toluene, PPB	<500	<601
Ethyl Benzene, PPB	<500	<601
Total Xylene, PPB	<500	<601
Oil & Grease, SW846 9071, PPM	323	388
Total Solids, %	63.21	X

SHELIA GREENE, CHEMIST