



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

November 15, 1988

Mr. Dallas H. Pope, County Manager
Harnett County
P.O. Box 759
Lillington, N.C. 27546

RE: Harnett County Sanitary Landfill, Amendment to Permit #43-02

Dear Mr. Pope:

The enclosed Amendment to Permit for the referenced facility is issued in accordance with G.S. 130A-294, subject to the revised conditions of the permit.

Please note that this is a phased construction plan with only specified phases approved for a period not to exceed five years from the date of issuance.

Also, please note the other conditions, expanded ground water monitoring, and specific closure and post-closure requirements.

In addition, since this is leased land, it must be recorded in the manner previously used to record the existing landfill.

If there are any questions, please contact me at (919) 733-0692.

Sincerely,

A handwritten signature in cursive script that reads "James C. Coffey".
James C. Coffey
Environmental Engineer
Solid Waste Branch

Solid Waste Management Section

JCC/mj

cc: Terry F. Dover
Dexter Matthews

AMENDMENT TO PERMIT NO. 43-02
DATE ISSUED 11/15/88

STATE OF NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

P.O. BOX 2091

RALEIGH, NC 27602

S O L I D W A S T E P E R M I T

HARNETT COUNTY

is hereby issued a permit to operate a

SANITARY LANDFILL

located .

off Highway 1724, near Dunn-Erwin,

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 of the site on the attached sheet.



J. Gordon Layton, Supervisor
Solid Waste Branch
Solid Waste Management Section

Being all the certain tract or parcel of land containing 219.09 acres, more or less, situated on both sides of Secondary Road No. 1724 South of termination point of said secondary road in Grove Township, Harnett County, North Carolina, and more fully described upon a map of survey by Artis P. Spence, RLS, and of record in Plat Cabinet 2, Slide 399, Harnett County Registry, to which reference is hereby made and incorporated herein as a part of this description, said lands are more fully described by metes and bounds as follows:

BEGINNING at an existing concrete monument being the northeast corner of the County of Harnett Landfill Site which is described in a lease dated April 14, 1976 and of record in Book 637, Page 920, Harnett County Registry and runs thence as the northern line of the County of Harnett landfill site North 66 degrees 12 minutes 29 seconds West 2765.73 feet to an existing concrete monument in the edge of an old field near a swamp; thence North 44 degrees 59 minutes 06 seconds East 992.54 feet to an existing iron stake on a hill; thence North 9 degrees 41 minutes 48 seconds West 774.76 feet to a new iron stake in the edge of a swamp; thence North 4 degrees 35 minutes 41 seconds West 600 feet to an existing iron stake on a ridge; thence North 27 degrees 38 minutes 19 seconds East 698.24 feet to an existing iron stake; thence North 27 degrees 38 minutes 19 seconds East 729 feet to an existing iron stake in the edge of a small marsh area; thence South 52 degrees 48 minutes 39 seconds East 1513.41 feet to a new iron stake in or near the center line of Secondary Road No. 1724, being a corner with a 2.22 acre tract which is not a portion of the area herein described; thence in and as the center line of said Secondary Road No. 1724 South 3 degrees 47 minutes 31 seconds West 232.84 feet to a new iron stake, another corner for the 2.22 acre tract; thence South 53 degrees 18 minutes 35 seconds East 440.32 feet to a new iron stake, being another corner of said 2.22 acre tract; thence North 36 degrees 41 minutes 25 seconds East 190.04 feet to a new iron stake in the original line, another corner with said 2.22 acre tract; thence with a fence and as the original line South 52 degrees 48 minutes 39 seconds East 572.71 feet to an existing iron stake; thence continuing South 52 degrees 48 minutes 39 seconds East 467.81 feet to an existing iron stake in a small branch area; thence South 34 degrees 32 minutes 26 seconds West 297.10 feet to an existing iron stake in a branch; thence South 16 degrees 06 minutes 06 seconds East 93.60 feet to an existing iron stake on the point of a small ridge; thence South 37 degrees 22 minutes 09 seconds East 637.49 feet to a existing concrete monument on the edge of a hill; thence South 38 degrees 54 minutes 40 seconds West 1980.71 feet to an existing concrete monument; thence South 38 degrees West 223.70 feet to the point of beginning and containing 219.09 acres, more or less.

There is excepted from the sale hereof the dwelling house and all appurtenant outbuildings situated on that certain 2.1 acre tract, described in deed dated August 19, 1974, and recorded in Book 633, Page 487, Harnett County Registry, said tract of land being contained within the aforesaid described lands and the grantors Jeanette D. Johnson and husband, P. J. Johnson, Jr. shall be entitled to remove said items of property which are hereby deemed to be personal property and specifically not a part of the realty herein being conveyed.

The aforesaid properties are subject to an easement to Carolina Power and Light Company for a high rise transmission line which passes across said property and located as shown on the aforementioned recorded plat, said right of way easement is dated August 30, 1983 and recorded Book 754, Page 41, Harnett County Registry.

The aforesaid tract of land is subject to a timber deed to Boise Cascade Corporation dated June 28, 1985, and recorded Book 785, Page 776, Harnett County Registry.

TO HAVE AND TO HOLD said easement right, hereinafter more fully set forth, unto the grantee and its successors and assigns pursuant to the terms hereinafter set forth.

905

S O L I D W A S T E P E R M I T

CONDITIONS OF PERMIT:

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste Branch and shall have indicated on it the page and book number, date of recordation, and Register's seal.
2. When this property is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the 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 sanitary landfill.
3. The following requirements shall be met prior to receiving solid waste at the site:
 - a. Site preparation shall be in accordance with the construction plan.
 - b. Site inspection shall be made by a representative of the Division of Health Services.
 - c. The permit number and the words "NO HAZARDOUS OR LIQUID WASTE ACCEPTED" shall be posted on an entrance sign.
4. This solid waste disposal site is permitted to receive solid waste as defined in 10 NCAC 10G, .0101(36), except that hazardous waste, liquid waste and any other wastes that may pose a threat to the environment or public health are prohibited from disposal at this site.
5. This permit is for construction according to the attached plans with the following revisions:
 - a. The construction plan is a phased construction plan with only the specified phases (I, II and III) approved for a period not to exceed five years from the date of issuance.
 - b. The remaining phases within the site will be reviewed when the approved capacity is fully utilized.
 - c. A 200 foot buffer between the waste boundary and the property boundary must be maintained on the northern boundary of Phase III.

Additional conditions and revisions of the approved plans shall be approved by the North Carolina Solid and Hazardous Waste Management Branch.

6. Ground water monitoring wells and monitoring requirements:
 - a. Three wells shall be installed at locations as shown on construction plans.
 - b. Installation shall conform to DHS well standard (Attachment 1).
 - c. A well completion record shall be submitted to DHS for each monitoring well constructed (Attachment 2) within 30 days upon completion.
 - d. The location of the monitoring wells shall be physically located in the field and approved by DHS prior to the well being constructed.
 - e. For new site locations, ground water monitoring wells shall be constructed and sampled prior to the acceptance of any waste at the landfill and confirm to specifications outlined in the N.C. Water Quality Monitoring Guidance Document for Solid Waste Facilities. Complete specifications are delineated in this document which is available from DHS.
 - f. Surface water sampling shall be performed at the locations specified on the construction plans as per methods outlined in the above-referenced Guidance Document.
 - g. Harnett County shall sample monitoring wells and surface waters, semi-annually, for the first year and annually thereafter as per the above-referenced Guidance Document.
 - h. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
7. This facility shall conform to operating procedures in Rule .0505 of the Solid Waste Management Rules.
8. Ground water quality at this facility is subject to the classification and remedial action provisions of 15 NCAC 2L (Attachment 3).
9. All future necessary maintenance shall be the responsibility of Harnett County. Necessary maintenance will be specified in the closure letter and will include, at a minimum, the following:
 - a. Maintenance of the integrity and effectiveness of the final cover including settling, subsidence, erosion and prevention of run-on and run-off problems.
 - b. Maintenance of ground water monitoring system and water quality sampling in accordance with N.C. Water Quality Monitoring Guidance Document.
 - c. Post-closure use must not be allowed to disturb the integrity of the final cover, unless approved by the Branch.

08584

I certify that I am holder of a partial fee interest in the land described in the foregoing Order of Approval for a sanitary landfill issued to Harnett County.

Rebecca M. Sturlington
Edward S. Sturlington
Paula R. Sturlington
Frank H. Sturlington
Owner(s), Herein described land
(Grantor)

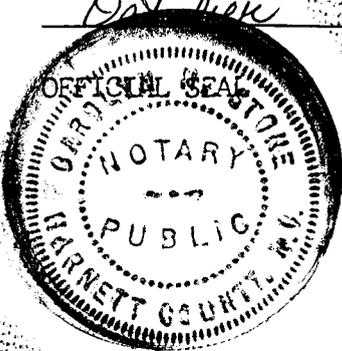
FILED
BOOK 869 PAGE 438-442
OCT 28 2 58 PM '88

North Carolina
Harnett County

GAYLE P. HOLDER
REGISTER OF DEEDS
HARNETT COUNTY, NC

I, Carolyn H. Stone, a Notary Public for said County and State, do hereby certify that Rebecca M. Sturlington, Edward S. Sturlington, Paula R. Sturlington & Frank H. Sturlington personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4th day of Oct, 1988.



Carolyn H. Stone
NOTARY PUBLIC

My commission expires December 30, 1991.

North Carolina — Harnett County
The foregoing certificate(s) of

Carolyn H. Stone
Notary Public (Notaries Public) is/are certified to be correct. This instrument was presented for registration

and recorded in this office at Book 869 page 438-442

This 29 day of October, 1988 at

2:58 o'clock P M.

Gayle P. Holder By KSH
Register of Deeds — Ass't Deputy

NORTH CAROLINA

HARNETT COUNTY

LEASE

THIS LEASE, Made and entered into this 24 day of February, 1976, by and between REBECCA M. TURLINGTON, Widow; EDWARD S. TURLINGTON and wife, PAULA R. TURLINGTON; and FRANK TURLINGTON and wife, BRENDA S. TURLINGTON, all of Harnett County, North Carolina, hereinafter called TURLINGTON, and the COUNTY OF HARNETT, a body politic, hereinafter called COUNTY;

W I T N E S S E T H :

That for Ten Dollars and other good and valuable consideration and subject to the terms and conditions herein set out, said Turlington does hereby let and lease unto the County that certain property situate in Grove Township, Harnett County, North Carolina, and more fully described as follows:

BEGINNING at a corner in the center of the road, it being a new dividing corner between Carl F. Turlington and Harold S. Turlington, said corner being a pin 8 feet West of culvert and runs thence as a new dividing line between Carl F. Turlington and Harold S. Turlington South 50 degrees 50 minutes West 990.5 feet to an iron stake; thence North 32 degrees West 273.6 feet to a concrete corner; thence North 35 degrees East 2,435 feet to an iron stake; thence South 51 degrees East 1,028 feet to an iron stake, a new corner between Carl F. and Harold S. Turlington; thence as a dividing line between the said parties South 32 degrees 7 minutes West 817 feet to an iron stake; thence another dividing line between said parties South 54 degrees 40 minutes West 859.5 feet to a corner in the center of the road; thence along the center of the road North 25 degrees 24 minutes West 290 feet to the BEGINNING, containing 41 acres more or less, not including that part in the right-of-way of Durham and Southern Railroad.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. TERM: This lease shall commence upon execution and shall continue for a term of Twenty-five (25) years from the above date, as herein provided and shall be binding upon the successors, heirs and assigns of the Lessors and Lessee.
2. USE OF PROPERTY: The above described property shall be used only for a solid waste disposal site.
3. SPECIAL CONDITIONS: The County shall exercise reasonable care in maintaining the premises, including access roads, and in controlling fire, insects, rodents, and other hazards associated with garbage disposal sites. The County shall implement a Rodent Control Program in keeping with the State regulations and in all respects operate said site in accordance with State law.

4. BREACH OF CONDITIONS: In the event that Turlington or their successors in title should be of the opinion that the County has breached the terms of this agreement, the County shall be given written notice thereof, setting forth the allegations as to the specific breach or breaches which are deemed to have occurred, and thereafter the County shall have 60 days within which to make an investigation and remedy any condition which in their opinion is found to constitute a possible breach; however, any such action on their part shall not constitute an admission of a breach. Following the expiration of said 60 day period, Turlington or their successors in title, shall have the right to apply to the Courts for an Order or Judgment requiring specific performance by the County of the terms of the Lease, and such action on the part of Turlington shall be the exclusive remedy of Turlington in connection with any allegation of breach by the County, it being specifically agreed that no monetary damages shall be payable to or claimed by Turlington in connection with any breach alleged or determined to have been made and neither shall any breach or breaches by County constitute or effect a termination of the Lease.

5. COST OF THE LEASE:

(a) The County shall pay to Turlington the sum of \$1,500.00 per acre for 41 acres of land or \$61,500.00. This sum shall be paid in three (3) equal payments as follows:

- \$20,500.00 upon execution of this lease;
- \$20,500.00 on January 10, 1977 and
- \$20,500.00 on January 10, 1978.

(b) The County agrees to pay an additional sum annually as rent which sum shall be equal to the amount by which County property taxes exceed \$75.00. (Taxes for 1975 on the premises were about \$50.00.)

6. ADDITIONAL COUNTY OBLIGATIONS:

(a) The County shall leave and not use a 25 foot border inside all property lines and not use the area within such border for solid waste disposal purposes.

(b) Harnett County agrees to keep all access roads and SR #1725 clear of debris and waste that might be caused by the operation of the sanitary landfill.

(c) At the expiration of the leased period, the County agrees to provide cover material to the solid waste disposal site and seed the site in accordance with State Health Regulations governing solid waste disposal.

7. ADDITIONAL LESSOR RIGHTS: Lessor shall retain timber rights but will remove any timber upon request by the County within a 30 day period following such request. If such timber is not removed, the County shall have the right to remove such timber.

8. WARRANTY: The Lessors covenant to and with the Lessee that they are seized and possessed of said premises in fee and have a right to convey the same in fee simple; that the same are free and clear of all encumbrances; that the Lessee is entitled to immediate possession of said premises; that they will warrant and defend the title to the same against the lawful claims of all persons whomsaever.

IN TESTIMONY WHEREOF, said Turlington and County have executed this Lease in duplicate, the original of which is retained by the County and a copy of which is retained by Turlington.

Rebecca M. Turlington (SEAL)
Rebecca M. Turlington

Edward S. Turlington (SEAL)
Edward S. Turlington

Paula R. Turlington (SEAL)
Paula R. Turlington

Frank Turlington (SEAL)
Frank Turlington

Brenda S. Turlington (SEAL)
Brenda S. Turlington

COUNTY OF HARNETT

By: M. H. Brock
M. H. Brock, County Manager

ATTEST:

H. D. Carson, Jr.
H. D. Carson, Jr., Clerk

NORTH CAROLINA
HARNETT COUNTY

ACKNOWLEDGMENT

I, Judith Ann Breder, a Notary Public in and for said State and County do hereby certify that REBECCA M. TURLINGTON, Widow; EDWARD S. TURLINGTON and wife, PAULA R. TURLINGTON; and FRANK TURLINGTON and wife, BRENDA S. TURLINGTON, each personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 24 day of February, 1976.



Judith Ann Breder
Notary Public

HARNETT COUNTY, N. C.
FILED DATE 10-28-88 TIME 2:58 pm
BOOK 869 PAGE 438-442
REGISTER OF DEEDS
GAYLE P. HOLDER

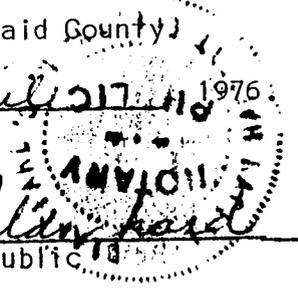
NORTH CAROLINA
HARNETT COUNTY

ACKNOWLEDGMENT

I, Rachel W. Blanchard, a Notary Public in and for said State and County, do hereby certify that H. D. CARSON, JR. personally appeared before me who being by me duly sworn, says that he knows the common seal of said County of Harnett, and is acquainted with M. H. Brock, who is the County Manager of said County; that he, the said H. D. Carson, Jr., is the Clerk of the Board of Commissioners of said County, and saw the said County Manager sign the foregoing instrument, and that the said Clerk as aforesaid, affixed said seal to said instrument, and that the said Clerk signed his name in attestation of the execution of said instrument in the presence of the said County Manager of said County.

Witness my hand and notarial seal, this 23rd day of April, 1976.

Rachel W. Blanchard
Notary Public



My Commission Expires: July 24, 1976

FILED
BOOK 637 PAGE 916-919

APR 23 2 36 PM '76

FLORA J. MILTON
REGISTER OF DEEDS
HARNETT COUNTY, N.C.

North Carolina-Harnett County
The foregoing certificate of Judith Ann Breder
Rachel W. Blanchard
Notary Public of Harnett County is
certified to be correct.
This 23 day of April, 1976
Flora J. Milton
Register of Deeds
Harnett County, N.C.

08583

I certify that I am holder of a partial fee interest in the land described in the foregoing Order of Approval for a sanitary landfill issued to Harnett County.

FILED
BOOK 869 PAGE 433-437
OCT 28 2 58 PM '88

Paul Johnson Jr.
Jeanett Daniels Johnson
Owner(s), herein described land
(Grantor)

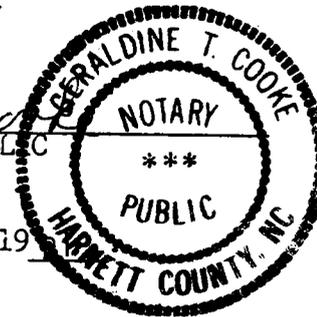
GAYLE P. HOLDER
REGISTER OF DEEDS
North Carolina COUNTY, NC
Harnett County

I, Geraldine T. Cooke, a Notary Public for said County and State, do hereby certify that Paul Johnson Jr. and Jeanett Daniels Johnson personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 11 day of August, 1988.

OFFICIAL SEAL

Geraldine T. Cooke
NOTARY PUBLIC



My commission expires August 10, 1988

North Carolina — Harnett County
The foregoing certificate(s) of

Geraldine T. Cooke
Notary Public (Notaries Public) is/are certified to be correct. This instrument was presented for registration and recorded in this office at Book 869 page 433-437
This 28 day of October, 1988 at 2:58 o'clock P M.

Gayle P. Holder By KSTH
Register of Deeds — Ass't. Deputy

433

NORTH CAROLINA

LEASE

HARNETT COUNTY

THIS LEASE, Made and entered into this 14 day of ^{April} February, 1976 by and between PAUL JOHNSON, JR. and wife, JEANETTE DANIELS JOHNSON of Harnett County, North Carolina, hereinafter called JOHNSON, and the COUNTY OF HARNETT, a body politic, hereinafter called COUNTY;

W I T N E S S E T H :

That for Ten Dollars and other good and valuable consideration and subject to the terms and conditions herein set out, said Johnson does hereby let and lease unto the County that certain property situate in Grove Township, Harnett County, North Carolina, and more fully described as follows:

BEGINNING at a stake on the West side of Stewart's Creek and runs North 45 degrees East 6.70 chains to a stake; thence South 71 degrees East 41.70 chains to a stake in Sorrell's line; thence South 20 degrees West 1.57 chains to a stake corner; thence South $38\frac{1}{4}$ degrees West 18 chains to a small red oak; thence North $54\frac{3}{4}$ degrees West 15.50 chains; thence North 51 degrees 45 minutes 25 chains to the BEGINNING, containing 50 acres, more or less.

THE TERMS AND CONDITIONS OF THIS LEASE ARE AS FOLLOWS:

1. TERM: This lease shall commence upon execution and shall continue for a term of twenty-five (25) years from the above date, as herein provided and shall be binding upon the successors, heirs and assigns of the Lessors and Lessee.
2. USE OF PROPERTY: The above described property shall be used only for a solid waste disposal site.
3. SPECIAL CONDITIONS: The County shall exercise reasonable care in maintaining the premises, including access roads, and in controlling fire, insects, rodents, and other hazards associated with garbage disposal sites. The County shall implement a Rodent Control Program in keeping with the State regulations and in all respects operate said site in accordance with State Law.
4. BREACH OF CONDITIONS: In the event that Johnson or their successors in title should be of the opinion that the County has breached the terms of this agreement, the County shall be given written notice thereof, setting forth the allegations as to the specific breach or breaches which are deemed to have occurred, and thereafter the County shall have 60 days within which to make an investigation and remedy any condition which in their opinion is found to constitute a possible breach; however, any such action on their part shall not constitute an

admission of a breach. Following the expiration of said 60 day period, Johnson or their successors in title, shall have the right to apply to the Courts for an Order or Judgment requiring specific performance by the County of the terms of the Lease, and such action on the part of Johnson shall be the exclusive remedy of Johnson in connection with any allegation of breach by the County, it being specifically agreed that no monetary damages shall be payable to or claimed by Johnson in connection with any breach alleged or determined to have been made and neither shall any breach or breaches by County constitute or effect a termination of the Lease.

5. COST OF THE LEASE:

(a) The County shall pay to Johnson the sum of \$1,500.00 per acre for 50 acres of land or \$75,000.00. This sum shall be paid in three (3) equal payments as follows:

\$25,000.00 upon execution of this lease;
\$25,000.00 on January 10, 1977 and
\$25,000.00 on January 10, 1978.

(b) The County agrees to pay an additional sum annually as rent which sum shall be equal to the amount by which County property taxes exceed \$125.00. (Taxes for 1975 on the premises were about \$80.75.)

6. ADDITIONAL COUNTY OBLIGATIONS:

(a) The County shall leave and not use a 25 foot border inside all property lines and not use the area within such border for solid waste disposal purposes.

(b) Harnett County agrees to keep all access roads and SR #1725 clear of debris and waste that might be caused by the operation of the sanitary landfill.

(c) If this lease is terminated as hereinabove provided, the County agrees to provide cover material to the solid waste disposal site and seed the site in accordance with State Health Regulations governing solid waste disposal.

7. ADDITIONAL LESSOR RIGHTS AND OBLIGATIONS:

(a) Lessor shall retain timber rights but will remove any timber upon request by the County within a 30 day period following such request. If such timber is not removed, the County shall have the right to remove such timber.

(b) Lessor has two (2) tobacco barns on said property which will be removed at the expense of Lessor when requested by the County to move the same.

8. WARRANTY: The Lessors covenant to and with the Lessee that they are seized and possessed of said premises in fee and have a right to convey the same in fee simple; that the same are free and clear of all encumbrances; that the Lessee is entitled to immediate possession of said premises; that they will warrant and defend the title to the same against the lawful claims of all persons whomsoever.

IN TESTIMONY WHEREOF, said Johnson and County have executed this Lease in duplicate, the original of which is retained by the County and a copy of which is retained by Johnson.

Paul Johnson Jr. (SEAL)
Paul Johnson, Jr.

Jeanette Daniels Johnson (SEAL)
Jeanette Daniels Johnson

COUNTY OF HARNETT

By: M. H. Brock
M. H. Brock, County Manager

ATTEST:
H. D. Carson, Jr., Clerk
CLERK OF COUNTY RECORDS
COUNTY OF HARNETT, N.C.

NORTH CAROLINA

ACKNOWLEDGMENT

HARNETT COUNTY

I, Judith Ann Beeder, a Notary Public in and for said State and County do hereby certify that PAUL JOHNSON, JR. and wife, JEANETTE DANIELS JOHNSON each personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and notarial seal, this 14 day of April, 1976.

Judith Ann Beeder
Notary Public

My Commission Expires: 4-14-80

NOTARY PUBLIC
JUDITH ANN BEEDER
HARNETT COUNTY, N.C.

NORTH CAROLINA

HARNETT COUNTY

ACKNOWLEDGMENT

I, Rachel W. Blanchard, a Notary Public in and for said State and County, do hereby certify that H. D. CARSON, JR. personally appeared before me this day and who being by me duly sworn, says that he knows the common seal of said County of Harnett, and is acquainted with M. H. Brock, who is the County Manager of said County; that he, the said H. D. Carson, Jr. is the Clerk of the Board of Commissioners of said County, and saw the said County Manager sign the foregoing instrument, and that the said Clerk as aforesaid, affixed said seal to said instrument, and that said Clerk signed his name in attestation of the execution of said instrument in the presence of the said County Manager of said County.

Witness my hand and notarial seal, this 23rd day of April, 1976.

Rachel W. Blanchard
Notary Public

My Commission Expires: July 24, 1976

FILED
BOOK 637 PAGE 920-923
APR 23 2 36 PM '76
FLORA J. MILTON
REGISTER OF DEEDS
HARNETT COUNTY, N.C.

North Carolina-Harnett County
The foregoing certificate of Judith Ann Irwin
Rachel W. Blanchard
Notary Public of Harnett County is
certified to be correct.
This 23 day of April, 1976
Ilera J. Melton
Register of Deeds
Harnett County, N.C.

HARNETT COUNTY, N. C.
FILED DATE 10-28-88 TIME 2:58 pm
BOOK 869 PAGE 433-437
REGISTER OF DEEDS
GAYLE P. HOLDER

RECEIVED JUN 15 1988



Chemical & Environmental Technology, Inc.

43-02

ENVIRONMENTAL LABORATORY SERVICES

JOHN M. OGLE
PRESIDENT

P. O. BOX 12298
RESEARCH TRIANGLE PARK, N. C. 27709
PHONE (919) 467.3090

June 13, 1988

Mr. C.T. Clayton
Ragsdale Consultants, Inc.
PO Box 970
Lillington, NC 27545

re: Harnett County Landfill - Dunn Erwin

SAMPLE HISTORY

<u>Client ID</u>	<u>C&ET Sample</u>	<u>Date Received</u>	<u>Date Analyzed</u>
Well #33	14032	5-11-88	5-11-88 to 6-1-88
Well #32	14033	5-11-88	5-11-88 to 6-1-88
Well #16	14034	5-11-88	5-11-88 to 6-1-88
Well #31	14035	5-11-88	5-11-88 to 6-1-88
Well #23	14036	5-11-88	5-11-88 to 6-1-88
Upstream 1	14037	5-11-88	5-11-88 to 6-1-88
Upstream 2	14038	5-11-88	5-11-88 to 6-1-88
Downstream	14039	5-11-88	5-11-88 to 6-1-88

ANALYTICAL RESULTS-1

I. Well Samples

<u>Parameter</u>	<u>Method-2</u>	<u>Well #33</u>	<u>Well #32</u>	<u>Well #16</u>	<u>Well #31</u>	<u>Well #23</u>
BOD	405.1	3.8	1.2	<1.0	5.2	5.2
COD	410.1	35	7.8	7.8	7.8	7.8
Chloride	325.3	12.3	4.1	3.6	2.1	3.1
Conductivity	120.1	58	132	188	24	26
Fluoride	340.2	0.07	0.15	0.38	0.06	0.06
Nitrate	352.1	4.75	0.77	1.17	1.17	1.95
pH	150.1	5.5	7.4	11.0*	6.3	5.6
Solids, Dissolved	160.1	452	103	52	364	77
Sulfate	375.3	134	1.6	<1.0	82	36
TOC	415.1	2.0	3.8	1.6	2.9	2.4
TOX	450.1	0.018	0.010	0.002	0.040	0.064
Arsenic	206.2	0.028	0.002	0.002	0.004	0.003
Barium	208.1	1.20	0.12	0.06	0.16	0.21
Cadmium	213.1	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium	218.1	0.042	0.002	0.012	0.067	0.027
Copper	220.1	0.186	0.005	0.011	0.027	0.035
Iron	236.1	113	2.45*	13.2*	23.7*	20.0*
Lead	239.2	0.030	0.002	0.009	0.021	0.016
Manganese	243.1	0.729	0.870*	0.124*	0.051*	0.048
Mercury	245.1	0.0016	0.0017*	0.0058*	0.0054*	0.0031*
Selenium	270.1	<0.001	<0.001	<0.001	<0.001	<0.001
Silver	272.1	0.011	0.004	0.005	<0.001	0.008
Zinc	289.1	0.128	0.020	0.011	0.014	0.024
Temperature	150.1	17.0	19.0	18.0	18.5	16.5
Depth to Water	---	13.91	13.26	10.70	20.75	6.78