RCO 2267

G.N. RICHARDSON & ASSOCIATES
Engineering and Geological Services

June 3, 2005

Received
JUN 2005
Waste Management

Jim Barber
NCDENR – Division of Waste Management
Solid Waste Section - Permitting
401 Oberlin Road – Suite 150
Raleigh, NC 27605

RE: Solid Waste Transfer Facility Permit Modification – Change In Ownership
Beaufort County Transfer Station Facility – Permit No. 07-03 T
Washington, Beaufort County, North Carolina

Dear Jim:

G. N. Richardson & Associates, Inc. (GNRA) is pleased to submit this application for permit modification on behalf of Waste Industries, LLC, for the Beaufort County Transfer Station Facility, Permit No. 07-03 T located in Washington, Beaufort County, North Carolina. This application is submitted following transfer of ownership of the facility from the previous owner, Waste Management, Inc. to Waste Industries, LLC.

Included in this application are the following:

- Property deed showing current ownership by Waste Industries, LLC;
- Letter of zoning approval from the City of Washington, stating that the existing transfer facility operations are consistent with current zoning requirements;
- An Operations Plan prepared in accordance with **Rule .0402**; and
- Construction drawings prepared by Marlowe, Dreitzler & Associates in December of 1993 for American Refuse Systems, Inc.

In addition to the change in ownership, an increase in service area is requested in this application.

Note that the facility is currently constructed, and has been operating under Permit No. 07-03 T since November 1994. As-built drawings were not available at the time of this application; however, it is our understanding that site conditions have not changed significantly from the above-referenced construction drawings. Additionally, since all construction activities are complete, an approved erosion control plan is not required to accompany this application.

Please contact us at (919) 828-0577 with any questions or comments regarding this application submittal. Thank you for your time.

Sincerely,
G. N. Richardson & Associates, Inc.

Matthew S. Lamb
Project Scientist

For

John M. Gardner, P.E.
Senior Engineer
Attachments

Cc: Thomas Winstead, WI

BK 1449 PG 140

FOR REGISTRATION REGISTER OF DEEDS
JENNIFER LEGGETT WHITEHURST
BEAUFORT COUNTY, NC
2005 APR 18 03:49:30 PM
BK:1449 PG:140-143 FEE:$20.00
NC REVENUE STAMP:$2,380.00
INSTRUMENT # 2005002941

~~Tax Lot~~ No. Excise: $ ~~[illegible]~~ 2,380 Parcel Identifier No. _____

Verified by _____ County on the _____ day of _____, 20____

by _____

Mail after recording to: WYRICK ROBBINS YATES & PONTON LLP (CLF), 4101 Lake Boone Trail, Suite 300, Raleigh NC 27607

This instrument was prepared by WYRICK ROBBINS YATES & PONTON LLP

Brief description for the Index: 10.00 acres, 500 Flanders Filter Road, Washington Township, Beaufort Co., NC

NORTH CAROLINA SPECIAL WARRANTY DEED

THIS DEED made this 15 day of April, 2005 by and between

GRANTOR	GRANTEE
WASTE MANAGEMENT OF CAROLINAS, INC., a North Carolina corporation	WASTE INDUSTRIES, LLC 3301 Benson Drive, Suite 601 Raleigh, North Carolina 27609

BEAUFORT COUNTY LAND RECORDS
LR - FORM001 # 23505
ACCEPTED
[signature] 4/18/05
Land Records Official Date

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 the City of _____, Washington Township, Beaufort County, North Carolina and more particularly described as follows:

EXHIBIT A

Being all of that certain parcel located at 500 Flanders Filter Road, Washington Township, Beaufort County, North Carolina, more particularly described as follows:

BEGINNING at an existing iron pipe, said iron pipe being located North 56° 50' 20" West 1,646.31 feet from a computed point located on the western boundary of the right-of-way of Flanders Filter Road / S.R. 1427, said computed point having North Carolina Grid Coordinates Y(N) = 674911.4290 and X(E) = 2562327.3491 and being located North 10°39'40" East 966.88 feet from NCGS "Filter" NAD (83) Y(N) = 673961.339 X(E) = 2562148.494; thence from said BEGINNING point North 56° 50' 20" West 505.89 feet along the northern boundary of the abandoned 130-foot Seaboard Coast Line Railroad right-of-way to an existing iron pipe located in the eastern boundary of the property owned now or formerly by Manfred D. Alligood, Jr. (see Deed Book 1278, Page 93 and Plat Cabinet E, Slide 86-8 for reference); thence running with the easterly line of the Alligood property North 34° 22' 26" East 810.07 feet to an existing iron pipe; thence running South 51° 57' 26" East 117.43 feet to an existing iron pipe; thence running South 56° 34' 07" East 260.47 feet to an existing iron pipe; thence running South 52° 27' 59" East 215.90 feet to an existing iron pipe located in the western boundary of the property owned now or formerly by Robert E. Hardy (see Deed Book 1096, Page 137 for reference); thence running with the western boundary of the Hardy property South 55° 08' 24" West 38.40 feet to an existing iron pipe; thence continuing with the Hardy property South 39° 38' 14" West 240.80 feet to an existing iron pipe; thence running with the western boundary of the properties owned now or formerly by James M. Fortescue (see Deed Book 779, Page 276 for reference) and Smithton Sanitation Service, Inc. (see Deed Book 1029, Page 195 for reference) South 40° 10' 50" West a total of 511.17 feet to an existing iron pipe, said pipe being the point and place of BEGINNING, containing approximately 10.00 acres according to a boundary and location survey dated March 11, 2005 prepared by Surveying Solutions, PC for Waste Industries, LLC.

TOGETHER WITH that certain 60-foot ingress and egress easement described more particularly as follows:

Beginning at a computed point located on the western boundary of the right-of-way of Flanders Filter Road / S.R. 1427, said computed point having North Carolina Grid Coordinates Y(N) = 674911.4290 and X(E) = 2562327.3491 and being located North 10°39'40" East 966.88 feet from NCGS "Filter" NAD (83) Y(N) = 673961.339 X(E) = 2562148.494; thence running North 56° 50' 20" West 1,646.31 feet along the northern margin of the Seaboard Coast Line Railroad 130-foot abandoned right-of-way to an existing iron pipe located in the southeast corner of the above-referenced tract; thence running North 40° 10' 50" East 60.46 feet to a bent existing iron pipe; thence running South 56° 50' 20" East 1,614.55 feet along the southern line of Smithton Sanitation Service, Inc. (see reference above) to a computed point in the western boundary of the right-of-way of Flanders Filter Road / S.R. 1427; thence running along and with the western boundary of said right-of-way South 11° 03' 28" West 64.76 feet to a computed point, said computed point being the point and place of Beginning, as shown on aforementioned survey.

BK 1449 PG 142

The property hereinabove described was acquired by Grantor by instrument recorded in Book 1433, Page 457, Beaufort County Registry.

A map showing the above described property is recorded in Plat Book _____ page _____.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor has done nothing to impair such title as Grantor received, and Grantor will warrant and defend the title against the lawful claims of all persons claiming by, under or through Grantor except for the exceptions hereinafter stated.
Title to the property hereinabove described is subject to the following exceptions:

1. Ad valorem taxes for the year 2005 and subsequent years, not yet due and payable.
2. All easements, restrictions and rights-of-way of record, if any.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers by authority of its Board of Directors, the day and year first above written.

WASTE MANAGEMENT OF CAROLINAS, INC.
(Corporate Name)

By: John Van Gessel

Name: John Van Gessel
Title: Vice President

USE BLACK INK ONLY

_____ (SEAL)
_____ (SEAL)
_____ (SEAL)
_____ (SEAL)

SEAL-STAMP

NORTH CAROLINA, _____ County.
I, a Notary Public of the County and State aforesaid, certify that _____ Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this _____ day of _____, 2001.

My commission expires: _____ Notary Public.

SEAL-STAMP

MARGARET ANNE ABNEY
MY COMMISSION EXPIRES
SEPT. 24 2007
COBB COUNTY, GEORGIA
NOTARY PUBLIC

USE BLACK INK

STATE OF Georgia, COUNTY OF Cobb.

I, a Notary Public of the County and State aforesaid, certify that John Van Gessel, personally came before me this day and acknowledged that he/she is Vice President (title) of WASTE MANAGEMENT OF CAROLINAS, INC., a North Carolina corporation, and that by authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by him/her as its Vice President (title). Witness my hand and official stamp or seal, this 30th day of March 2005.

My commission expires: Margaret Anne Abney Notary Public.

The foregoing Certificate(s) of _____

is/are certified to be correct. This instrument and this certificate are duly registered at the date and time and in the Book and Page shown on the first page hereof.

_____ REGISTER OF DEEDS FOR _____ COUNTY

By _____ Deputy/Assistant - Register of Deeds

BK 1449 PG 143

JENNIFER LEGGETT WHITEHURST
BEAUFORT COUNTY REGISTER OF DEEDS
COURTHOUSE BUILDING
112 W. 2ND STREET
WASHINGTON, NC 27889

Filed For Registration:	04/18/2005 03:49:30 PM
Book:	RE 1449 Page: 140-143
Document No.:	2005002941
	DEED 4 PGS $20.00
NC REAL ESTATE EXCISE TAX:	$2,380.00
Recorder:	BARBARA TAYLOR

State of North Carolina, County of Beaufort

The foregoing certificate of MARGARET ANNE ABNEY Notary is certified to be correct. This 18TH of April 2005

JENNIFER LEGGETT WHITEHURST , REGISTER OF DEEDS

By: Barbara Taylor
Deputy/~~Assistant~~ Register of Deeds

Fred Holscher

2005002941

2005002941

BEAUFORT COUNTY TRANSFER STATION FACILITY
PERMIT NO. 07-03

OPERATIONS PLAN

Prepared For:

Waste Industries, LLC
3301 Benson Drive
Raleigh, North Carolina 27609

Received
JUN 2005
Waste
Management

June 2005

Revision By:

G.N. Richardson & Associates
Engineering and Consulting Services
14 N. Boylan Avenue
Raleigh, North Carolina 27603

BEAUFORT COUNTY TRANSFER STATION FACILITY
PERMIT NO. 07-03T
OPERATIONAL PLAN

TABLE OF CONTENTS

SECTION **PAGE**

1.0 INTRODUCTION 1
- 1.1 Purpose 1
- 1.2 Facility Location 1
- 1.3 Facility Description 1

2.0 WASTE ACCPETANCE CRITERIA 2
- 2.1 Service Area 2
- 2.2 Prohibited Wastes 2

3.0 TRANSFER STATION OPERATIONS 3
- 3.1 Tipping Floor Operations 3
- 3.2 Temporary Tipping Floor Operations 3
- 3.3 Inspection Of Wastes 4
- 3.4 Traffic Control 4
- 3.5 Housekeeping And Litter Control 4

4.0 EROSION CONTROL REQUIREMENTS 4

5.0 WATER PROTECTION REQUIREMENTS 4

6.0 DISEASE AND VECTOR CONTROL 5

7.0 SIGNS AND SAFETY REQUIREMENTS 5
- 7.1 Sign Requirements 5
- 7.2 Open Burning Of Waste 5
- 7.3 Fire Control Policy 5

8.0 ACCESS AND SECURITY REQUIREMENTS 6
- 8.1 Facility Access And Security 6
- 8.2 Attendant 6
- 8.3 Access Road 6

FIGURES

BEAUFORT COUNTY TRANSFER STATION CONSTRUCTION PLANS DATED DECEMBER 1993

ATTACHMENTS

ATTACHMENT 1 LOCAL GOVERNMENT ZONING APPROVAL LETTERS
ATTACHMENT 2 INSPECTION FORMS

OPERATIONS & MAINTENANCE MANUAL
WASTE INDUSTRIES, LLC
BEAUFORT COUNTY TRANSFER FACILITY
BEAUFORT COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

1.1 PURPOSE

This Operations Plan was developed for the solid waste transfer station located in the City of Washington, Beaufort County, North Carolina in accordance with the North Carolina Solid Waste Rules 15A NCAC 13B.0402, Operational Requirements for Transfer Facilities.

The purpose of this Operations Plan is to provide the owner/operator with a manual that includes the necessary information and procedures to properly operate the transfer station in accordance with all applicable rules and regulations. This manual serves as a guide to safely maintain and operate the Beaufort County Transfer Station. The Operations Plan addresses the following issues:

- Waste acceptance criteria;
- Facility operations;
- Erosion control requirements;
- Drainage control and water protection;
- Disease and vector control;
- Sign and safety requirements and
- Access and security requirements

1.2 FACILITY LOCATION

The Beaufort County Transfer Station is located in the City of Washington in Beaufort County, approximately 0.3 miles west of Flanders Filter Road/S.R. 1427, and operates under Permit No. 07-03T. The mailing address for the transfer station is:

500 Flanders Filter Road
Washington, NC 27889

The site occupies approximately 10 acres in an area zoned by the City of Washington as L1-Heavy Industrial. Transfer station operations are consistent with the requirements of the L1 Zoning District (**Attachment 1**).

1.3 FACILITY DESCRIPTION

The Beaufort County Transfer Station consists of a tipping building, tipping building apron, inbound and outbound scales, a scalehouse, an office building and access roads. The transfer station consists of an approximate 80-foot wide X 82-foot deep tipping floor, and an approximate 80-foot long X 18-foot wide open top transfer trailer loading area. Both areas are covered by the

metal transfer station building (refer to accompanying **Facility Construction Plans – 17 sheets, dated Dec 1993, prepared by Marlowe, Dreitzler & Associates**).

The scalehouse is equipped with inbound and outbound scales. Plan and sectional views of the tipping floor and pit areas are provided in the accompanying **Facility Construction Plans**.

Waste Industries, LLC is the owner of the transfer station, and is responsible for all transfer station operations. The contact person for issues concerning operation of the transfer station is:

Thomas Winstead – Vice President
Waste Industries, LLC
2810 Contentnea Road
P.O.Box 1831
Wilson, North Carolina 27893
(252) 291-6635

2.0 WASTE ACCEPTANCE CRITERIA

2.1 SERVICE AREA

In accordance with §13B.0402(2), A transfer station "*shall only accept those wastes which it is permitted to receive*". The Beaufort County Transfer Station accepts municipal solid waste (MSW) (i.e., residential, commercial, and industrial waste) and Construction and Demolition (C&D) debris generated within the following counties:

- Beaufort
- Bertie
- Chowan
- Craven
- Dare
- Hyde
- Martin
- Pamlico
- Pitt
- Terrell
- Washington

2.2 PROHIBITED WASTES

In accordance with §13B.(10)(e), the Beaufort County Transfer Station does not accept barrels or drums unless they are emptied and perforated sufficiently to ensure that they do not contain liquid or hazardous waste. The transfer station does not accept infectious waste, medical waste, animal waste, animal carcasses, sludge, or radioactive waste. A report is prepared for any attempted delivery of waste of which the transfer station is not permitted to receive, including waste from outside the permitted transfer station service area. The report is submitted to:

3.0 TRANSFER STATION OPERATIONS

The transfer station operates Monday through Saturday from 6:00 a.m. to 8:00 p.m. A sign is posted at the entrance to the transfer station identifying the hours of operation. Properly trained personnel conduct daily operations of the transfer station.

Since the Beaufort County transfer station is operated as a tipping floor facility, the only equipment required for operation of the facility are rubber-tired front-end loaders, transfer trailer trucks and the scales and scalehouse. Waste Industries provides primary equipment, backup equipment, and equipment maintenance.

3.1 TIPPING FLOOR OEPRATIONS

Collection vehicles delivering waste to the transfer station enter the facility via the main entrance off Flanders Filter Road and are weighed at the scales. Once the vehicles pass the scalehouse area, they continue to the tipping floor within the transfer station building.

The transfer station attendant directs vehicles waiting to unload onto the tipping floor area. Once the vehicle is positioned, its load is discharged directly onto the tipping floor. A spotter inspects the waste prior to mixing with other waste on the tipping floor. Waste is then pushed into the transfer pit area where it falls into open-top transfer trailers specifically designed for hauling waste.

Sufficient space is provided in the lower pit area for drivers to exit their vehicles and to walk to safety in the event of an emergency. Once the transfer trailer has been completely loaded, the vehicle is weighed and subsequently driven to the final destination for proper disposal.

The tipping floor and the transfer pit are cleaned at the end of each operating day. Wash water drains to a sump pit in an area near the southeast corner of the building. The transfer trailer loading area includes trench drains across entrance and exit ways, as well as a trench drain along the 80-foot length of the transfer trailer loading area. The leachate from the trench drains by gravity to an oil/water/grit separator, followed by an in-ground pump station. The pump station transfers leachate from the transfer building and domestic wastewater from the scale house to a City of Washington force main along Flanders Filters Road. All waste water is treated at the City of Washington's wastewater treatment facility.

3.2 TEMPORARY TIPPING FLOOR OERATIONS

In the event that the transfer pit is inoperable at any time during operations, the facility will temporarily transfer waste from the tipping floor directly into open-top transfer trailers on the

tipping floor. The loading of these vehicles will be done in a designated area of the building, located a sufficient distance away from vehicles unloading incoming waste to ensure safe and efficient operations.

3.3 INSPECTION OF WASTES

Access to the transfer station is controlled by the facility/scale operator located at the entrance to the facility. All waste entering the facility must pass the scalehouse prior to entering the tipping floor area. As waste is deposited onto the tipping floor, an employee conducts a visual screening of the waste materials. Should unacceptable waste be found, the driver of the vehicle is instructed to terminate dumping and the unacceptable material will be reloaded into the vehicle for removal from the site. Waste collection agreements for each of the waste deliveries ensures accountability for the different haulers utilizing the site. A hauler that repeatedly delivers unacceptable material will be denied further access to the transfer station, and notification will be made to the Department of Environment and Natural Resources (DENR) office for investigations, as appropriate.

3.4 TRAFFIC CONTROL

Access to the transfer station is controlled by the facility/scale operator. The scale operator directs all vehicles arriving at the facility to the tipping floor area after their weight is recorded. The site attendant directs the vehicle to the unloading area as outlined in Section 3.1. After depositing the waste, those vehicles that do not have tare weights previously recorded are required to exit via the outbound scale. Directional signs aid the flow of traffic. At no times are incoming vehicles waiting in line allowed to queue onto public highways.

3.5 HOUSEKEEPING AND LITTER CONTROL

All incoming vehicles with waste are required to have their loads tarped upon arrival at the site or be fully enclosed. Outbound transfer trailers are also required to tarp their loads. Throughout the day and at the end of each day, facility personnel police the area for any wind blown litter. Any wind blown trash discovered at the end of an operating day is collected and stored in a transfer trailer vehicle or an on-site trash bin.

4.0 EROSION CONTROL REQUIREMENTS

Stormwater runoff on the south side of the transfer station discharges through a rip-rap dissipater into a drainage ditch. Runoff from the remaining areas discharges from via sheetflow.

5.0 WATER PROTECTION REQUIREMENTS

Ponded water is prevented from coming into contact with discharged waste and leachate is contained and properly discharged.

The tipping floor and transfer pit is emptied and cleaned at the end of each operating day. The upper level sump and lower level trench drains collect any washwater/leachate generated and minimize areas of ponding water within the transfer station.

Leachate from the trench drains by gravity to an oil/water/grit separator, followed by an in-ground pump station. The pump station transfers leachate from the transfer building and domestic wastewater from the scale house to a City of Washington force main along Flanders Filters Road. All waste water is treated at the City of Washington's waste water treatment facility. Inspection forms for the oil/water/grit separator and the pump station are included in **Attachment 2**.

6.0 DISEASE AND VECTOR CONTROL

Effective vector control measures are provided at the Beaufort County Transfer Station for the protection of human health and the environment. Vector control is maintained by implementation of a daily cleaning program, which involves removal of waste, leachate, and washwater from the facility operating areas. The removal of waste at the end of each operating day protects against migration of vectors into and from the transfer station. Washwater is used to keep the tipping floor and drive-through areas clean and free from rodents, flies and other vectors. The transfer station may also use deodorizers and paint as needed to control vectors. Stagnant water ponds are prevented from forming to minimize mosquito breeding areas. If disease vector control problems occur, county mosquito control or a licensed exterminator may be employed.

7.0 SIGN AND SAFETY REQUIREMENTS

7.1 SIGN REQUIREMENTS

Signs are posted at the transfer station entrance indicating operational procedures, hours of operation, tipping fee, and the permit number. Signs are clearly posted prohibiting hazardous or liquid waste. Traffic signs and markers are provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain safe/efficient operating conditions.

7.2 OPEN BURNING OF WASTE

Open burning of waste is prohibited.

7.3 FIRE CONTROL POLICY

Fire suppression equipment is available to control accidental fires. In the event of larger fires which cannot be safely suppressed by transfer station personnel, the City of Washington Fire Department will be notified for immediate response.

In accordance with §13B.0505(10)(c), the Division of Waste Management, Solid Waste Section, will be notified verbally of any fires at the facility within 24 hours, and follow up written notification will be submitted within 15 days. Verbal and written notification are submitted to:

Department of Environment and Natural Resources
North Carolina Division of Waste Management
Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699-1646
(919) 508-8400

8.0 ACCESS AND SECURITY REQUIREMENTS

8.1 TRASFER STATION ACCESS AND SECURITY

The transfer station is secured to prevent unauthorized entry. Vehicle access is controlled at the facility entrance gate. Unauthorized vehicle access to the facility is by chainlink fence surrounding the facility.

8.2 ATTENDANT

A facility/scale operator is located in the scalehouse during operating hours. In addition, a transfer station attendant is present at the facility at all times during operating hours. The facility/scale operator and transfer station attendant are responsible for verifying that all vehicles comply with the permitted operational requirements.

8.3 ACCESS ROAD

The facility access roads are constructed of all weather surfaces and are maintained in good condition. Potholes and debris are immediately repaired or removed to avoid vehicle damage. Access roads are regraded as necessary to maintain a positive slope for adequate drainage.

ATTACHMENT 1

LOCAL GOVERNMENT ZONING APPROVAL LETTERS

City of Washington

P. O. Box 1988, Washington, NC 27889-1988

April 8, 2005

Mr. Jerry Johnson, Vice President
Waste Industries, Landfill Division
3301 Benson Drive
Raleigh, NC 27609

RE: Zoning – 500 Flanders Filters Road – Beaufort County Transfer Station – PIN 5667-06-9289

Dear Mr. Johnson:

In regards to the above referenced address please be aware that it is located within the City of Washington's corporate limits and located in an I1 (Heavy Industrial) Zoning District.

Section 27-43 of the Zoning Ordinance of the City of Washington *Table of Permitted Uses,* permits Refuse and Raw Material Handling (Transfer Station) as a permitted use in the I1 Zoning District.

The aforementioned address meets the requirements of the I1 Zoning District and is consistent with any plans the City of Washington might have for that area.

If you have any questions or I any further assist you in any way please don't hesitate to let me know.

Sincerely,

John Rodman, AICP
Planning Administrator

Cc: Mr. Bobby E. Roberson, Director, Planning and Development

Mr. David Asmonga, Manager
Waste Management
2530 Highway 378
Conway, SC 29527

102 E. Second St. • Telephone 252-975-9300 TDD 1-800-735-2962 • Fax 252-946-1965

ATTACHMENT 2

INSPECTION FORMS

OIL/WATER/GRIT SEPARATOR

PUMP STATION

OIL/WATER/GRIT SEPARATOR INSPECTION FORM
BEAUFORT COUNTY TRASFER STATION

DATE	DEPTH	INITIAL	COMMENTS

PUMP STATION INSPECTION FORM
BEAUFORT COUNTY TRASFER STATION

DATE	INITIAL	COMMENTS