

**HARNETT COUNTY, NORTH CAROLINA
DUNN-ERWIN LANDFILL
TRANSFER STATION PERMIT RENEWAL APPLICATION
PERMIT# 43-07T**

Prepared for:

**HARNETT COUNTY GENERAL SERVICES
Department of Solid Waste**



**ISSUED BY
C.T. CLAYTON, SR., P.E., INC.
PROJECT 03005A
Original Issue November, 2012
Revised February, 2013**



46 West Washington Street - Coats, North Carolina 27521
Phone: 910-897-7070 - Fax: 910-897-6767 – www.ctclayton.com
Offices located in Coats and New Bern, North Carolina
License No. C-2570

Permit No.	Date	Document ID No.
43-07T	March 28, 2013	18607

DOCUMENT APPROVED
Division of Waste Management
Solid Waste Section
Received Dated: **November 02, 2012** and revised through **February 28, 2013**
Date: **March 28, 2013** By: **Ming-Tai Chao**

PN: 3002C
Permit: Pump & Haul
Blue Folder



North Carolina Department of Environment and Natural Resources

Division of Water Quality

Beverly Eaves Perdue
Governor

Coleen H. Sullins
Director

Dee Freeman
Secretary

August 24, 2010

Permit No.	Date	Document ID No.
43-07T	October 10, 2012	17392

Jerry Blanchard
Harnett County Solid Waste
P.O. Box 940
Lillington, North Carolina 27546

Received via an e-mail
Date: **October 10, 2012**
Solid Waste Section
Raleigh Central Office

**Subject: Dunn-Erwin and Anderson Creek Landfills Leachate Pump & Haul
Lillington, NC
Harnett County**

Dear Mr. Blanchard,

Your request received August 24, 2010, concerning the pumping and hauling of wastewater generated from Dunn-Erwin and Anderson Creek Landfills Leachate has been reviewed by the staff of the Fayetteville Regional Office.

As explained in your request, you plan to pump and haul approximately 18,000 gallons per day of wastewater generated by your company to the Harnett County Water Pollution Control Plants. The County has indicated their willingness to accept and treat the wastewater in accordance with the August 12, 2010 letter from Mr. Steve Ward, Director

Please be aware that Dunn-Erwin and Anderson Creek Landfills will be responsible for the proper transportation of the wastewater to the Counties designated receiving site. Upon completion of these pump and haul activities, Dunn-Erwin and Anderson Creek Landfills shall provide notification to this office that these activities have ceased. Any environmental impacts that can be attributed to this activity may be used as justification for the Division to request termination of the subject pump and haul activities.

If you need additional information concerning this matter, please contact Trent Allen at (910) 433-3322.

Sincerely,



Belinda S. Henson
Regional Supervisor
Surface Water Protection Section

BSH: TA/ta

Cc: Regional Office Files
Central Files
Steve Ward - HCDPU
Kenny Fail - Harnett County Water Pollution Control

Permit No.	Date	Document ID No.
43-07T	October 10, 2012	17391



Received via an e-mail
Date: **October 10, 2012**
Solid Waste Section
Raleigh Central Office

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

September 26, 2012

Division Six - District Two
Harnett County

Harnett County Department of Public Utilities
Post Office Box 1119
Lillington, North Carolina 27546

SUBJECT: Encroachment Agreement on NC Highway 55, SR 1723 (Turlington Road) and SR 1724 (Daniels Road) for the installation of 9,520± LF of sanitary sewer force main and various appurtenances in Harnett County (Sequence # 12067).

Dear Sir:

Attached is an approved R/W form 16.1 and plans for the installation of 9,520± LF of 6"Φ PVC (SDR-21) sanitary sewer force main and various appurtenances on NC Highway 55, SR 1723 (Turlington Road) and SR 1724 (Daniels Road) in Harnett County as shown on the attached plans.

Location:

Route	At a point	Towards
NC 55	1,300'± south of the intersection of NC Highway 55 and SR 1723 (Turlington Road).	The north
SR 1723	At the intersection NC Highway 55 and SR 1723 (Turlington Road).	SR 1724
SR 1724	At the intersection SR 1723 (Turlington Road) and SR 1724 (Daniels Road).	End of maintenance.

This encroachment is approved subject to the following:

1. Mr. K. L. Anderson, Highway Maintenance Engineer at (910) 893-4020, and Mr. Troy L. Baker, Assistant District Engineer at (910) 486-1496 shall be notified a minimum of three (3) days before construction is to begin.
2. Traffic will be maintained and proper signs, signal lights, flagmen and other warning devices will be provided for the protection of traffic, in conformance with the latest **MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS**. All contractor personnel will be required to wear a class II ANSI approved safety vest while working within the DOT right of way.
3. **All lanes of traffic on NC Highway 55, SR 1723 (Turlington Road) and SR 1724 (Daniels Road) are to be open during the hours of 6:00 A.M. to 9:00 A.M. and from 4:00 P.M. to 6:00 P.M. No lane of traffic shall be closed on holidays, special events, or as directed by the engineer. Traffic shall be maintained at all times.**

P.O. Box 1150, Fayetteville, N.C. 28302
Voice: 910.486.1496 Fax: 910.437.2529

4. **Any asphalt that is damaged as a result of the installation of the 6"Φ sanitary sewer force main shall be repaired at the encroaching party's expense. An NCDOT approved asphalt mix shall be used for all repairs within NCDOT rights of way. Contact Mr. Troy L. Baker, Assistant District Engineer for acceptance of asphalt mix designs.**
5. Excavations inside the theoretical 1:1 slope from the existing edge of pavement to the bottom of the nearest excavation wall should be made in accordance with the following conditions:
 - The trench backfill material should meet the Statewide Borrow Criteria. The trench should be backfilled in accordance with Section 300-7 of the 2006 NCDOT Standard Specifications for Roads and Structures, which basically requires the backfill material to be placed in layers not to exceed 6 inches loose and compacted at least 95% of the density obtained by compacting a sample in accordance with AASHTO T99 as modified by the NCDOT.
 - All trench excavation inside the limits of the theoretical 1:1 slope, as defined by the policy, should be completely backfilled and compacted at the end of each construction day. No portion of the trench shall be left open overnight.
6. **The proposed 6"Φ sanitary sewer force main, manholes, cleanouts, and other associated appurtenances are to be placed 5' off of the Right-of-Way Lines of all NCDOT roadways affected by the construction of this project. All associated appurtenances must be placed behind the ditch line. No manhole, clean out or any other associated appurtenance will be allowed to be placed in the ditch line or on the shoulder of the road.**
7. **The proposed 6"Φ sanitary sewer force main shall be constructed 2' under all existing culverts and/or the future extension of existing culverts. Minimum separation shall be maintained between the proposed 6"Φ sanitary sewer force main and all existing culverts at all locations.**
8. Disturbed areas shall have an established stand of vegetation according to the attached specifications for erosion control.
16. A copy of this agreement and letter of approval will be required to be available at the construction site at all times.
17. Written notice of the completion of the work will be furnished to the District Engineer, P. O. Box 1150, Fayetteville, North Carolina 28302, when the work has been completed.
11. **All fill areas/backfill shall be compacted to 95% density in accordance with AASHTO T99 as modified by the North Carolina Department of Transportation. All material to a depth of 8 inches below the finished surface shall be compacted to a density equal to at least 100% of that obtained by compacting a sample of the material in accordance with AASHTO T99 as modified by the department. The subgrade shall be compacted at a moisture content which is approximately that required to produce the maximum density indicated by the above test method. The contractor shall dry or add moisture to the subgrade when required to provide a uniformly compacted and acceptable subgrade. The trench backfill material shall meet the Statewide Borrow criteria. The trench should be backfilled in accordance with Section 300-7 of the NCDOT Standard Specifications for Roads and Structures and Amendments or Supplementals thereto. Test results shall be provided to the District office for verification within two (2) weeks of the sewer line construction.**

12. **All open cuts will require full depth patching with 5" Asphalt Concrete Intermediate Course Type I 25.0 B and 2" Asphalt Concrete Surface Course Type S 9.5 B the same day as cut is made on NCDOT roadways.**
13. A certified pavement structure report, signed by a professional engineer, shall be submitted to the North Carolina Department of Transportation at 600 Southern Avenue, Fayetteville, North Carolina, 28301 indicating the following:
 - Pavement thickness' by type
 - Base thickness
 - Base density
 - Subgrade density
 - Core and/or test locations

Test frequency and method shall be in conformance with the NCDOT "Materials and Tests" Manual. A letter of approval, or recommendations for compliance, will be provided upon receipt and review of the report.
14. **The cut will be patched back the same day and allowed to settle for a period of 90 days.** After the 90 day settling period, if any area of the patch has settled to an unacceptable state as defined by the District Engineer or his/her representative. The area shall require repair by either full depth patching or leveling to be determined on a case by case basis.
15. **Eight inches of ABC will be used as the base. Compaction tests shall be performed at the location of every open cut that crosses NCDOT roadways. The owner will be required to have an approved laboratory furnish the District office a copy of the test results.**
16. The party of the second part agrees to provide traffic control devices, lane closures, road closures, positive protection and/or any other warning or positive protection devices necessary for the safety of motorists and workers during construction and any subsequent maintenance. This shall be performed in conformance with the latest **NCDOT Roadway Standard Drawings and Standard Specifications for Roads and Structures** and Amendments or Supplementals thereto. When there is no guidance provided in the Roadway Standard Drawings or Specifications, comply with the **Manual on Uniform Traffic Control Devices for Streets and Highways** and Amendment or Supplemental thereto. Information as to the above rules and regulations may be obtained from the Division Engineer of the party of the first part. **All contractor personnel will be required to wear a class II ANSI approved safety vest while working within the DOT right of way.**
16. SDR-26 PVC pipe shall not be used on N.C.D.O.T. Right of Way for lines under pressure.
17. Please be reminded that all OSHA Standards regarding trenching and shoring should be strictly adhered to.
18. The Contractor shall comply with all OSHA requirements and provide a competent person on site to supervise excavation at all times.
19. **No material storage shall be allowed along the shoulders of the roadway, and during non-working hours, equipment shall be parked as close to the right of way line as possible and shall be properly barricaded so that no equipment obstruction shall be within the Clear Recovery Area.**

20. The Department of Transportation does not guarantee the right of way on this road, nor will it be responsible for any claim for damages brought by any property owner by reason of the installation.
21. The encroaching party shall comply with all applicable federal, state, and local environmental regulations, and shall obtain all necessary federal, state, and local environmental permits, including but not limited to, those related to sediment control, stormwater, wetland, streams, endangered species, and historical sites.
22. Excavation within 500 feet of a signalized intersection will require notification by the party of the second part to the Division Traffic Engineer at telephone number 910-486-1452. All traffic signal or detection cables must be located prior to excavation.
23. Trenching, bore pits and/or other excavations shall not be left overnight. The contractor shall comply with all OSHA requirements and provide a competent person on site to supervise excavation at all times.
24. Any work requiring equipment or personnel within 5' of the edge of travel lane of an undivided facility and within 10' of the edge of any travel lane of a divided facility shall require a lane closure with appropriate tapers.
25. Any drainage structure disturbed or damaged shall be restored to its original condition as directed by the District Engineer.
26. Any disturbed guardrail shall be reset according to the applicable standard or as directed by the District Engineer.
27. All driveways altered during construction shall be returned to a state comparable with the condition of the driveways prior to construction.
28. All roadway signs which are removed which are removed due to construction shall be reinstalled as soon as possible.
29. Any proposed driveway connections onto NCDOT roadways will require an approved driveway permit. The approval of this Two Party encroachment (RW 16.1) does not constitute approval of any proposed driveway connections. For further information, contact Mr. Troy L. Baker, Assistant District Engineer at (910) 486-1496.
30. Excavated areas adjacent to pavement having more than a 2" drop shall be safed up at a 6:1 or flatter slope and designated by appropriate delineation during periods of inactivity, including, but not limited to, night and weekend hours. Excavated material shall not be placed on the roadway at any time.
31. **NCDOT reserves the right to further limit, restrict, or suspend operations within the Right of Way if, in the opinion of NCDOT, safety or traffic conditions warrant such action.**
32. It shall be the responsibility of the encroaching party to determine the location of other utilities within the encroachment area. The encroaching party shall be responsible for notifying other utility owners and providing protection and safeguards to prevent damage or interruption to existing facilities and to maintain accessibility to existing utilities.
33. **A qualified NCDOT inspector should be on site at all times during construction. The encroaching party should be required to reimburse NCDOT for the cost of providing the inspector. If NCDOT cannot supply an inspector, the encroaching party (not the utility contractor) should make arrangements to have a qualified inspector under the supervision of a Professional Engineer registered in North Carolina, on site at all times. The Registered Engineer should be required to certify that the utility was installed in accordance with the encroachment agreement and that the backfill material meets the Statewide Borrow Criteria.**

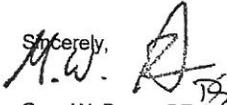
34. All temporary and final paving markings are the responsibility of the encroaching party. Final pavement markings and sign plans shall be submitted to the Division Traffic Engineer at telephone number 910-486-1452 for review and approval.
35. All utility facilities, including but not limited to manholes, valve boxes, meter boxes, splice boxes, junction boxes, vaults, and covers within NCDOT right of way shall have been designed for HS-20 loading. A listing of currently approved manholes, valve boxes, and vaults is available at the following site: <https://apps.dot.state.nc.us/vendor/approvedproducts>. If any proposed structure is not of a design pre-approved by NCDOT, the encroaching party shall submit details and calculations designed by a Professional Engineer registered in North Carolina for approval prior to construction.
36. All utility access points, including but not limited to manholes, splice boxes, junction boxes, and vaults shall be located outside of the right of way line. Manholes, splice boxes, junction boxes, and vaults shall not be placed in the ditch line, side slopes of the ditches, or in the pavement. All manholes, splice boxes, junction boxes, vaults, and covers shall be flush with the ground when located within the vehicle recovery area.

NCDOT WORK ZONE TRAFFIC CONTROL QUALIFICATIONS AND TRAINING PROGRAM

The North Carolina Department of Transportation is in the process of developing a Work Zone Traffic Control Qualification & Training program that will begin its implementation in 2010. This program will require qualified and trained Work Zone Flaggers in every flagging operation (July 2010) and qualified and trained Work Zone Traffic Control Supervisors on Significant Projects (July 2011). It is intended for the program to include anyone working within NCDOT Right of Way including work associated with NCDOT construction and encroachment agreements as well as all NCDOT operations.

Training for this certification will be provided by NCDOT approved training sources and/or private entities that have been pre-approved to train themselves. Additional information will be provided as this program progresses. If you have questions, visit our web site at www.ncdot.org/~wztc, or contact Stuart Bourne, PE with NCDOT Traffic Management Unit at (919) 662-4338 or sbourne@ncdot.gov.

If further information or assistance is needed in reference to this project, please feel free to call Mr. Randy K. Wise, PE, District Engineer at (910) 488-1070.

Sincerely,

Greg W. Burns, PE
Division Engineer

GWB:tlb

cc: Mr. Robert J. Memory, State Utility Agent, w/attachments
Mr. Randy K. Wise, PE, District Engineer, w/attachments
Mr. Keith L. Anderson, Highway Maintenance Engineer, w/attachment

TRAFFIC CONTROL AND WORK ZONE SAFETY

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, North Carolina Department of Transportation Standard Specifications for Roads and Structures 2012, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

Traffic movements through lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

All personnel when working in traffic areas or areas in close proximity to traffic shall wear an approved safety vest, or shirt or jacket which meets the color requirements of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in subarticle 108-7(2) of the Standard Specifications.

SPECIFICATIONS FOR EROSION CONTROL

The Contractor shall seed all disturbed areas as directed by the Engineer, in accordance with Section 1660 of the Standard Specifications. Seeding and mulching shall immediately follow shoulder construction operations and in no case shall shoulder construction operations exceed seeding and mulching operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease all operations until it can be met.

Seeding and Mulching: (East)

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined by the Engineer. All rates are in pounds per acre.

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

All Roadway Areas

March 1 - August 31		September 1 - February 28	
50#	Tall Fescue	50#	Tall Fescue
10#	Centipede	10#	Centipede
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

Waste and Borrow Locations

March 1 - August 31		September 1 - February 28	
75#	Tall Fescue	75#	Tall Fescue
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

Approved Tall Fescue Cultivars

2 nd Millennium	Duster	Magellan	Rendition
Avenger	Endeavor	Masterpiece	Scorpion
Barlexas	Escalade	Matador	Shelby
Barlexas II	Falcon II, III, IV & V	Matador GT	Signia
Barrera	Fidelity	Millennium	Silverstar
Barrington	Finesse II	Montauk	Southern Choice II
Biltmore	Firebird	Mustang 3	Stetson
Bingo	Focus	Olympic Gold	Tarheel
Bravo	Grande II	Padre	Titan Ltd
Cayenne	Greenkeeper	Paraiso	Titanium
Chapel Hill	Greystone	Picasso	Tomahawk
Chesapeake	Infemo	Piedmont	Tacer
Constitution	Justice	Pure Gold	Trooper
Chipper	Jaguar 3	Prospect	Turbo
Coronado	Kalahari	Quest	Ultimate
Coyote	Kentucky 31	Rebel Exeda	Watchdog
Davinci	Kitty Hawk	Rebel Sentry	Wolfpack
Dynasty	Kitty Hawk 2000	Regiment II	
Dominion	Lexington	Rembrandt	

On cut and fill slopes 2:1 or steeper Centipede shall be applied at the rate of 5 pounds per acre and add 20# of Sericea Lespedeza from January 1 - December 31.

Fertilizer shall be 10-20-20 analysis. A different analysis of fertilizer may be used provided the 1-2-2 ratio is maintained and the rate of application adjusted to provide the same amount of plant food as a 10-20-20 analysis and as directed.

All areas seeded and mulched shall be tacked with asphalt. Crimping of straw in lieu of asphalt tack shall not be allowed on this project.

CRIMPING STRAW MULCH

Crimping shall be required on this project adjacent to any section of roadway where traffic is to be maintained or allowed during construction. In areas within six feet of the edge of pavement, straw is to be applied and then crimped. After the crimping operation is complete, an additional application of straw shall be applied and immediately tacked with a sufficient amount of undiluted emulsified asphalt.

Straw mulch shall be of sufficient length and quality to withstand the crimping operation.

Crimping equipment including power source shall be subject to the approval of the Engineer providing that maximum spacing of crimper blades shall not exceed 8".

Within seven (7) calendar days to fourteen (14) calendar days of completion of any phase of grading, all disturbed areas shall be planted or otherwise provided with temporary or permanent ground cover, devices, or structures sufficient to restrain erosion. The Erosion and Sediment Control plan will identify the areas that require seven (7) and/or fourteen (14) calendar day ground stabilization. The Contractor is herein advised to follow all current regulations set forth by the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Water Quality (DWQ) as defined in the *General Stormwater Permit for Construction Activities NCG-010000*.

DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY ENCROACHMENT AGREEMENT
PRIMARY AND SECONDARY HIGHWAYS

-AND-
Harnett County Dept of Public Utilities
P. O. Box 1119, Lillington, NC 27546

AUG 30 2012

DIVISION 6-DISTRICT 2

THIS AGREEMENT, made and entered into this the _____ day of _____ 20 12 by and between the Department of Transportation, party of the first part; and Harnett County Department of Public Utilities (HCDPU) party of the second part,

WITNESSETH

THAT WHEREAS, the party of the second part desires to encroach on the right of way of the public road designated as Route(s) NC 55, SR1723(Turlington Rd), SR1724(Daniels Rd), located 2.7 miles south of the intersection of NC 27 & NC 55 with the construction and/or erection of: a 6" SDR-21 PVC force main 9,520 LF from the pump station located at the Dunn-Erwin Landfill to an existing sanitary sewer manhole located in the right-of-way along NC 55 near the Coats-Erwin School per the attached plans designed by C. T. Clayton, Jr., C. T. Clayton, Sr. P.E., Inc.

WHEREAS, it is to the material advantage of the party of the second part to effect this encroachment, and the party of the first part in the exercise of authority conferred upon it by statute, is willing to permit the encroachment within the limits of the right of way as indicated, subject to the conditions of this agreement;

NOW, THEREFORE, IT IS AGREED that the party of the first part hereby grants to the party of the second part the right and privilege to make this encroachment as shown on attached plan sheet(s), specifications and special provisions which are made a part hereof upon the following conditions, to wit:

That the installation, operation, and maintenance of the above described facility will be accomplished in accordance with the party of the first part's latest **POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS-OF-WAY**, and such revisions and amendments thereto as may be in effect at the date of this agreement. Information as to these policies and procedures may be obtained from the Division Engineer or State Utility Agent of the party of the first part.

That the said party of the second part binds and obligates himself to install and maintain the encroaching facility in such safe and proper condition that it will not interfere with or endanger travel upon said highway, nor obstruct nor interfere with the proper maintenance thereof, to reimburse the party of the first part for the cost incurred for any repairs or maintenance to its roadways and structures necessary due to the installation and existence of the facilities of the party of the second part, and if at any time the party of the first part shall require the removal of or changes in the location of the said facilities, that the said party of the second part binds himself, his successors and assigns, to promptly remove or alter the said facilities, in order to conform to the said requirement, without any cost to the party of the first part.

That the party of the second part agrees to provide during construction and any subsequent maintenance proper signs, signal lights, flagmen and other warning devices for the protection of traffic in conformance with the latest **Manual on Uniform Traffic Control Devices for Streets and Highways** and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the Division Engineer of the party of the first part.

That the party of the second part hereby agrees to indemnify and save harmless the party of the first part from all damages and claims for damage that may arise by reason of the installation and maintenance of this encroachment.

That the party of the second part agrees to restore all areas disturbed during installation and maintenance to the satisfaction of the Division Engineer of the party of the first part. The party of the second part agrees to exercise every reasonable precaution during construction and maintenance to prevent eroding of soil; silting or pollution of rivers, streams, lakes, reservoirs, other water impoundments, ground surfaces or other property; or pollution of the air. There shall be compliance with applicable rules and regulations of the North Carolina Division of Environmental Management, North Carolina Sedimentation Control Commission, and with ordinances and regulations of various counties, municipalities and other official agencies relating to pollution prevention and control. When any installation or maintenance operation disturbs the ground surface and existing ground cover, the party of the second part agrees to remove and replace the sod or otherwise reestablish the grass cover to meet the satisfaction of the Division Engineer of the party of the first part.

That the party of the second part agrees to assume the actual cost of any inspection of the work considered to be necessary by the Division Engineer of the party of the first part.

That the party of the second part agrees to have available at the construction site, at all times during construction, a copy of this agreement showing evidence of approval by the party of the first part. The party of the first part reserves the right to stop all work unless evidence of approval can be shown.

Provided the work contained in this agreement is being performed on a completed highway open to traffic; the party of the second part agrees to give written notice to the Division Engineer of the party of the first part when all work contained herein has been completed. Unless specifically requested by the party of the first part, written notice of completion of work on highway projects under construction will not be required.

That in the case of noncompliance with the terms of this agreement by the party of the second part, the party of the first part reserves the right to stop all work until the facility has been brought into compliance or removed from the right of way at no cost to the party of the first part.

That it is agreed by both parties that this agreement shall become void if actual construction of the work contemplated herein is not begun within one (1) year from the date of authorization by the party of the first part unless written waiver is secured by the party of the second part from the party of the first part.

During the performance of this contract, the second party, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor"), agrees as follows:

a. **Compliance with Regulations:** The contractor shall comply with the Regulations relative to nondiscrimination in Federally-assisted programs of the U. S. Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

b. **Nondiscrimination:** The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials

and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

- c. Solicitations for Subcontracts, including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- d. Information and Reports: The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Department of Transportation or the Federal Highway Administration to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the Department of Transportation, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.
- e. Sanctions for Noncompliance: In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the Department of Transportation shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to,
 - (1) withholding of payments to the contractor under the contract until the contractor complies, and/or
 - (2) cancellation, termination or suspension of the contract, in whole or in part.
- f. Incorporation of Provisions: The contractor shall include the provisions of paragraphs "a" through "f" in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Department of Transportation or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Department of Transportation to enter into such litigation to protect the interests of the State, and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

RW (161) : Party of the Second Part certifies that this agreement is true and accurate copy of the form RW (161) incorporating all revisions to date.

IN WITNESS WHEREOF, each of the parties to this agreement has caused the same to be executed the day and year first above written.

ATTEST OR WITNESS:

Margaret Regina Wheeler

Gina Wheeler-Clerk to the Board (County of Harnett)

P O BOX 759 LILLINGTON, NC 27546



DEPARTMENT OF TRANSPORTATION

BY: *M.W. Ward*

DIVISION ENGINEER

Steve Ward - Director of HCDPU

P O BOX 1119 LILLINGTON, NC 27546

Second Party

INSTRUCTIONS

When the applicant is a corporation or a municipality, this agreement must have the corporate seal and be attested by the corporation secretary or by the empowered city official, unless a waiver of corporate seal and attestation by the secretary or by the empowered City official is on file in the Raleigh office of the Manager of Right of Way. In the space provided in this agreement for execution, the name of the corporation or municipality shall be typed above the name, and title of all persons signing the agreement should be typed directly below their signature.

When the applicant is not a corporation, then his signature must be witnessed by one person. The address should be included in this agreement and the names of all persons signing the agreement should be typed directly below their signature.

This agreement must be accompanied, in the form of an attachment, by plans or drawings showing the following applicable information:

1. All roadways and ramps.
2. Right of way lines and where applicable, the control of access lines.
3. Location of the existing and/or proposed encroachment.
4. Length, size and type of encroachment.
5. Method of installation.
6. Dimensions showing the distance from the encroachment to edge of pavement, shoulders, etc.
7. Location by highway survey station number. If station number cannot be obtained, location should be shown by distance from some identifiable point, such as a bridge, road, intersection, etc. (To assist in preparation of the encroachment plan, the Department's roadway plans may be seen at the various Highway Division Offices, or at the Raleigh office.)
8. Drainage structures or bridges if affected by encroachment (show vertical and horizontal dimensions from encroachment to nearest part of structure).
9. Method of attachment to drainage structures or bridges.
10. Manhole design.
11. On underground utilities, the depth of bury under all traveled lanes, shoulders, ditches, sidewalks, etc.
12. Length, size and type of encasement where required.
13. On underground crossings, notation as to method of crossing - boring and jacking, open cut, etc.
14. Location of vents.

GENERAL REQUIREMENTS

1. Any attachment to a bridge or other drainage structure must be approved by the Head of Structure Design in Raleigh prior to submission of encroachment agreement to the Division Engineer.
2. All crossings should be as near as possible normal to the centerline of the highway.
3. Minimum vertical clearances of overhead wires and cables above all roadways must conform to clearances set out in the National Electric Safety Code.
4. Encasements shall extend from ditch line to ditch line in cut sections and 5' beyond toe of slopes in fill sections.
5. All vents should be extended to the right of way line or as otherwise required by the Department.
6. All pipe encasements as to material and strength shall meet the standards and specifications of the Department.
7. Any special provisions or specifications as to the performance of the work or the method of construction that may be required by the Department must be shown on a separate sheet attached to encroachment agreement provided that such information cannot be shown on plans or drawings.
8. The Department's Division Engineer should be given notice by the applicant prior to actual starting of installation



North Carolina Department of Environment and Natural Resources

Division of Water Quality

Coleen H. Sullins

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

March 24, 2011

Permit No.	Date	Document ID No.
43-07T	October 10, 2012	17390

Steve C. Ward, Director of Public Utilities
Harnett County Department of Public Utilities
Post Office Box 1119
Lillington, NC 27546-1119

Received via an e-mail
Date: October 10, 2012
Solid Waste Section
Raleigh Central Office

**SUBJECT: Permit No. WQ0035269
Dunn-Erwin Landfill Pump Station and Force Main
Wastewater Collection System Extension
Harnett County**

Dear Steve C. Ward, Director of Public Utilities:

In accordance with your application received, we are forwarding herewith Permit No. WQ0035269 dated March 24, 2011, to Harnett County Department of Public Utilities for the construction and operation of the subject wastewater collection system extension. This permit shall be effective from the date of issuance until rescinded and shall be subject to the conditions and limitations as specified therein. This cover letter shall be considered a part of this permit and is therefore incorporated therein by reference.

Please pay particular attention to Permit Condition 3, which requires the wastewater collection facilities be properly operated and maintained in accordance with 15A NCAC 02T .0403 or any individual system-wide collection system permit issued to the Permittee.

Permitting of this project does not constitute an acceptance of any part of the project that does not meet 15A NCAC 02T .0305; the Division of Water Quality's (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996, as applicable; and the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000, as applicable, unless specifically mentioned therein. Division approval is based on acceptance of the certification provided by the North Carolina-licensed Professional Engineer named in the application. It shall be the Permittee's responsibility to ensure that the as-constructed project meets the appropriate design criteria and rules. Failure to comply may result in penalties in accordance with North Carolina General Statute § 143-215.6A through § 143-215.6C, construction of additional or replacement wastewater collection facilities, and/or referral of the North Carolina-licensed professional Engineer to the licensing board.



Steve C. Ward, Director of Public Utilities

Page 2

March 24, 2011

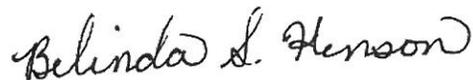
In accordance with provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws, Rules, and Regulations, permission is hereby granted to Harnett County Department of Public Utilities for the construction and operation of a 197 GPM @ 64 TDH pump station with portable generator w/MTS and 9,520 linear feet of 6-inch force main to serve as part of the Dunn-Erwin Landfill Pump Station and Force Main project with 26,000 gallons per day of collected domestic wastewater into the Erwin Wastewater Treatment Plant, pursuant to the application received March 8, 2011, and in conformity with 15A NCAC 02T .0305; the Division's Gravity Sewer Minimum Design Criteria adopted February 12, 1996, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000, as applicable; and other supporting data subsequently filed and approved by the Department of Environment and Natural Resources and considered as part of this permit.

The sewage and wastewater collected by this system shall be treated in the Erwin Wastewater Treatment Plant (NC0064521) and prior to being discharged into the receiving stream.

If any parts, requirements, or limitations contained in this permit are unacceptable, you have the right to request an adjudicatory hearing upon written request within 30 days following receipt of this permit. This request must be in the form of a written petition, conforming to Chapter 150B of North Carolina General Statutes, and filed with the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, North Carolina 27699-6714. Unless such demands are made, this permit shall be final and binding.

If you need additional information concerning this matter, please contact Trent Allen at (910) 433-3322.

Sincerely,



for Coleen H. Sullins, Director

cc: Fayetteville Regional Office, Water Quality Section (WWTF Permit Number: NC0064521)
C. Tyrus Clayton, Jr., P.E., C.T. Clayton, Sr., P.E., Inc., Post Office Box 578, Coats, North Carolina 27521
NCDENR DWQ Central Files
PERCS UNIT

NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
RALEIGH
WASTEWATER COLLECTION SYSTEM EXTENSION PERMIT

This permit shall be effective from the date of issuance until rescinded and shall be subject to the following specified conditions and limitations:

1. This permit shall become voidable unless the wastewater collection facilities are constructed in accordance with the conditions of this permit; 15A NCAC 02T .0305; the Division of Water Quality's (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000, as applicable; and other supporting materials unless specifically mentioned herein.
2. This permit shall be effective only with respect to the nature and volume of wastes described in the application and other supporting data.
3. The wastewater collection facilities shall be properly maintained and operated at all times. The Permittee shall maintain compliance with an individual system-wide collection system permit for the operation and maintenance of these facilities as required by 15A NCAC 02T .0403. If an individual permit is not required, the following performance criteria shall be met as provided in 15A NCAC 02T .0403:
 - a. The sewer system shall be effectively maintained and operated at all times to prevent discharge to land or surface waters, and any contravention of the groundwater standards in 15A NCAC 2L .0200 or the surface water standards in 15A NCAC 2B .0200.
 - b. A map of the sewer system shall be developed and shall be actively maintained.
 - c. An operation and maintenance plan shall be developed and implemented.
 - d. Pump stations that are not connected to a telemetry system shall be inspected every day (i.e. 365 days per year). Pump stations that are connected to a telemetry system shall be inspected at least once per week.
 - e. High-priority sewer lines shall be inspected at least once per every six-month period of time.
 - f. A general observation of the entire sewer system shall be conducted at least once per year.
 - g. Inspection and maintenance records shall be maintained for a period of at least three years.
 - h. Overflows and bypasses shall be reported to the appropriate Division regional office in accordance with 15A NCAC 2B .0506(a), and public notice shall be provided as required by North Carolina General Statute §143-215.1C.

4. **This permit shall not be transferable.** In the event there is a desire for the wastewater collection facilities to change ownership, or there is a name change of the Permittee, a formal permit request shall be submitted to the Division accompanied by documentation from the parties involved, and other supporting materials as may be appropriate. The approval of this request shall be considered on its merits and may or may not be approved.
5. Construction of the gravity sewers, pump stations, and force mains shall be scheduled so as not to interrupt service by the existing utilities nor result in an overflow or bypass discharge of wastewater to the surface waters of the State.
6. Per 15A NCAC 02T .0305, upon completion of construction and **prior to operation** of these permitted facilities, the completed Engineering Certification form attached to this permit shall be submitted with the required supporting documents to the address provided on the form. A complete certification is one where the form is fully executed and the supporting documents are provided as applicable.
7. A copy of the construction record drawings shall be maintained on file by the Permittee for the life of the wastewater collection facilities.
8. Failure to abide by the conditions and limitations contained in this permit; 15A NCAC 02T .0305; the Division's Gravity Sewer Design Criteria adopted February 12, 1996 as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Station and Force Mains adopted June 1, 2000 as applicable; and other supporting materials may subject the Permittee to an enforcement action by the Division, in accordance with North Carolina General Statutes §143-215.6A through §143-215.6C.
9. In the event that the wastewater collection facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by this Division, such as the construction of additional or replacement facilities.
10. The issuance of this permit shall not exempt the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other government agencies (local, state and federal) which have jurisdiction, including but not limited to applicable river buffer rules in 15A NCAC 2B .0200, erosion and sedimentation control requirements in 15A NCAC Ch. 4 and under the Division's General Permit NCG010000, and any requirements pertaining to wetlands under 15A NCAC 2B .0200 and 15A NCAC 2H .0500.

11. **Noncompliance Notification:**

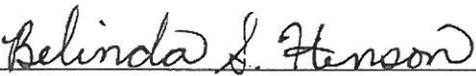
The Permittee shall verbally report to a water quality staff member at the Fayetteville Regional Office, telephone number (910) 433-3300, as soon as possible, but in no case more than 24 hours or on the next working day, following the occurrence or first knowledge of the occurrence of either of the following:

- a. Any process unit failure, due to known or unknown reasons, that renders the facility incapable of adequate wastewater transport, such as mechanical or electrical failures of pumps, line blockage or breakage, etc.; or
- b. Any failure of a pumping station or sewer line resulting in a by-pass directly to receiving waters without treatment of all or any portion of the influent to such station or facility.

Voice mail messages or faxed information is permissible but shall not be considered as the initial verbal report. Overflows and spills occurring outside normal business hours may also be reported to the Division of Emergency Management at telephone number (800) 858-0368 or (919) 733-3300. Persons reporting any of the above occurrences shall file a spill report by completing Part I of Form CS-SSO (or the most current Division approved form), within five days following first knowledge of the occurrence. This report shall outline the actions taken or proposed to ensure that the problem does not recur. Per Condition I (2), Part II of Form CS-SSO (or the most current Division approved form) can also be completed to show that the SSO was beyond control.

Permit issued this twenty-fourth day of March 2011

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION



for Coleen H. Sullins, Director

Division of Water Quality

By Authority of the Environmental Management Commission

Permit Number WQ0035269

Fast Track Engineering Certification

Permit No. WQ0035269

March 24, 2011

Complete and submit this form to the permit issuing regional office with the following:

- One copy of the project record drawings (plan & profile views of sewer lines) of the wastewater collection system extension
- Supporting design calculations (selected pumps, system curve, operating point, available storage if portable generator(s) or storage greater than longest past three year outage reliability option selected) for any pump stations permitted as part of this project
- Changes to the project should be clearly identified on the record drawings or in written summary form. Permit modifications are required for any changes resulting in non-compliance with this permit, regulations or minimum design criteria.

This project shall not be considered complete nor allowed to operate until this Engineer's Certification and all required supporting documentation have been received by the Division. Therefore, it is highly recommended that this certification be sent in a manner that provides proof of receipt by the Division.

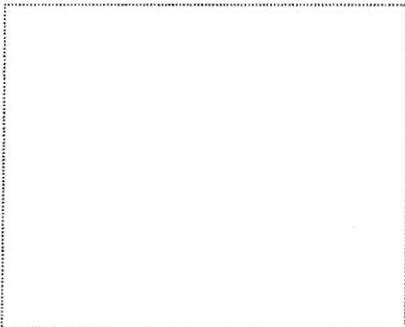
ENGINEER'S CERTIFICATION

Partial

Final

I, _____, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe (periodically, weekly, full time) the construction of the Dunn-Erwin Landfill Pump Station and Force Main project in Harnett County for the Permittee hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance of this permit; 15A NCAC 02T .0305; the Division of Water Quality's (Division) Gravity Sewer Minimum Design Criteria adopted February 12, 1996, as applicable; the Division's Minimum Design Criteria for the Fast-Track Permitting of Pump Stations and Force Mains adopted June 1, 2000, as applicable; and other supporting materials.

North Carolina Professional Engineer's seal, signature, and date:



SEND THIS FORM & SUPPORTING DOCUMENTATION WITH REQUIRED ATTACHMENTS TO THE FOLLOWING ADDRESS

**FAYETTEVILLE REGIONAL OFFICE
225 GREEN STREET, SUITE 714
FAYETTEVILLE NC 28301**

The Permittee is responsible for tracking all partial certifications up until a final certification is received. Any wastewater flow made tributary to the wastewater collection system extension prior to completion of this Engineer's Certification shall be considered a violation of the permit and shall subject the Permittee to appropriate enforcement actions.

PN: 3002B
Blue E&S Permit
Folder



North Carolina Department of Environment and Natural Resources
Division of Land Resources
Land Quality Section

James D. Simons, PG, PE
Director and State Geologist

Beverly Eaves Pardue, Governor
Dee Freeman, Secretary

December 31, 2009

LETTER OF APPROVAL

RECEIVED

Jan 5 2010
HARNETT COUNTY
MANAGER'S OFFICE

County of Harnett
Attn: Scott T. Sauer, Manager
P.O. Box 940
Lillington, NC 27546-

Permit No.	Date	Document ID No.
43-07T	October 10, 2012	17389

Received via an e-mail
Date: **October 10, 2012**
Solid Waste Section
Raleigh Central Office

RE: Project Name: Dunn-Erwin Landfill Corrective Action Plan Acres Approved: 10
Project ID: HARNE-2010-047
County: Harnett Grove Daniels Road
River Basin: Cape Fear Stream Classification: Other
Submitted By: C T Clayton, Sr., P.E., Inc.
Date Received by LQS: 12/7/2009
Plan Type: New

Dear Mr. Sauer:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

Title 15A NCAC 4B .0118(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Letter of Approval
County of Harnett
December 31, 2009
Page 2 of 3

The developer is responsible for obtaining any and all permits and approvals necessary for the development of this project prior to the commencement of this land disturbing activity. This could include agencies such as the Division of Water Quality's stormwater regulations, their enforcement requirements within Section 401 of the Clean Water Act, the Environmental Protection Agency and/or the U.S. Army Corps of Engineers' jurisdiction of Section 404 of the Clean Water Act, the Division of Solid Waste Management's landfill regulations, local County or Municipalities' ordinances, or others that may be required. This approval cannot supersede any other permit or approval; however, in the case of a Cease and Desist Order from the Corps of Engineers, that Order would only apply to wetland areas. All upland areas would still have to be in compliance with the N.C. Sedimentation Pollution Control Act.

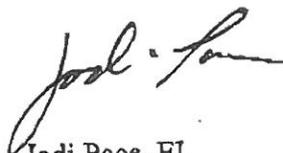
If any area on site falls within the jurisdiction of Section 401 or 404 of the Clean Water Act, the developer is responsible for compliance with the requirements of the Division of Water Quality, the Corps of Engineers and the Environmental Protection Agency (EPA) respectively. Any erosion control measures that fall within jurisdictional wetland areas must be approved by the aforementioned agencies prior to installation. The Land Quality Section must be notified of a relocation of the measures in question to the transition point between the wetlands and the uplands to assure that the migration of sediment will not occur. If that relocation presents a problem or contradicts any requirements of either DWQ, the Corps, or the EPA, it is the responsibility of the developer to inform the Land Quality Section regional office so that an adequate contingency plan can be made to assure sufficient erosion control remains on site. Failure to do so will be considered a violation of this approval.

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCGO1000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed general permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. In addition, it would be helpful if you notify this office of the proposed starting date for this project. Please notify us if you plan to have a preconstruction conference.

Your cooperation is appreciated.

Sincerely,



Jodi Pace, EI
Land Quality Section

From: Chao, Ming-tai
To: ["tyrus@ctclayton.com"](mailto:tyrus@ctclayton.com)
Cc: [Mussler, Ed](#); [Hearn, Robert](#); [Little, Geof](#); [Werner, Elizabeth](#); [Amanda Bader \(abader@harnett.org\)](mailto:Abader@harnett.org); jblanchard@harnett.org
Subject: RE: Update on Dunn-Erwin Landfill Corrective Action Projects - Permit #s 43-07T and 43-02
Date: Friday, October 26, 2012 10:25:00 AM
Attachments: [image001.jpg](#)

Dear Mr. Clayton:

Thank you very much for the project updates. Below I would like to address your and the County's concerns.

In the October 1, 2012 meeting, the Solid Waste Section has verbally approved the two projects - Ground Water Extraction/Leachate Management System and the Transfer Station Upgrade at Dunn-Erwin Landfill and Transfer Station for the following reasons:

- After County's representatives stressed the timing of the funding and budget restrictions of these projects, the Solid Waste Section intended to assist the County in successfully completing the projects on time and within budget limits to protect environment and public health.
- Additionally, the first project is executing a portion of the approved Corrective Action Plan at closed MSWLF.
- The second project is maintenance/improvement project associated with the operation of the Dunn/Erwin Transfer Station.
- The County agreed to address several comments on the projects by revising the construction/material specifications and related drawings and submitting approval letters and/or permits related to the projects.

After the meeting, the County has submitted the Solid Waste Section the following requested documents in addition to the zoning letter (Doc ID 17281) and property deed document (Doc ID 17282) which were received on September 20, 2012:

- Encroachment Permitted issued by NCDOT on 09/26/2012 (Doc ID 17391),
- Letter of Approval of Erosion and Sediment Control Plan dated 12/31/2009 (Doc ID 17389),
- Leachate Pump & Haul Permit issued by NC Division of Water Quality dated 08/24/2010 (Doc ID 17392), and
- Permit for Dunn/Erwin Landfill Pump Station & Force Main Wastewater Collection System Extension, 03/24/2011 (Doc ID 17390).

The Solid Waste Section appreciates your cooperation on these comment/response matters and looking forward to receiving

- The final as-built drawings and construction record documents for both projects and
- Permit Amendment Application – for a 5-year permit review next week.

Please feel free to contact me if you have any questions associated with permitting processes. Thank you and have a wonderful weekend.

Ming-Tai Chao, P.E.

Environmental Engineer
Permitting Branch, Solid Waste Section
Division of Waste Management

(Mailing Address)

1646 Mail Service Center

Raleigh, NC 27699-1646

(Street Address)

Green Square, 217 West Jones Street

Raleigh, NC 27603

Tel. 919-707-8251

ming.chao@ncdenr.gov

<http://portal.ncdenr.org/web/wm/sw>

E-mail correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: C. Tyrus Clayton, Jr., PE [mailto:tyrus@ctclayton.com]

Sent: Thursday, October 25, 2012 3:15 PM

To: Chao, Ming-tai

Cc: 'Ryan Sadler'; jblanchard@harnett.org; 'Amanda Bader'

Subject: Update on Dunn-Erwin Landfill Corrective Action Projects - Permit #s 43-07T and 43-02

Mr. Chao,

In order to keep you updated on our project, the County bid both the Ground Water Extraction/Leachate Management System and the Transfer Station Upgrade divisions of this project on October 12, 2012. We received enough bids on the Ground Water Extraction/Leachate Management System to open bids. The low bidder on that division of work was Temple Grading and Construction of Lillington, NC.

Unfortunately, we did not receive enough bids to allow us to open for the Transfer Station Upgrade division of work. We will be rebidding that project on October 30, 2012 at 2:00 pm.

At the current time, we are completing our funding application that will be submitted to the Local Government Commission to gain approval for the project financing. One part of this application is that we have to certify that all applicable approvals have been gained to allow construction to start. During our meeting on October 1, we understood the Solid Waste Section's opinion was that the County could proceed with bidding and construction of these projects. Would it be possible for you to respond in writing that this was correct?

As part of the bid documents we issued, the following changes were incorporated to address some of the concerns that were raised during our meeting on October 1, 2012:

1. The leachate collection piping at the transfer station was changed to SDR 17 HDPE (fusion welded). The specification for this installation calls for 0% leakage.

2. A fiberglass lining was specified for the main pump station wetwell.
3. A pipe bedding detail was added to the Transfer Station project.

The Transfer Station Permit Renewal Application Packet will be hand delivered to your office (hard copy & digital) next Thursday.

Regards,

C. Tyrus Clayton, Jr., PE
Vice President
T-shirt logo.jpg



46 W. Washington St.
Coats, NC 27521
910-897-7070
910-897-6767 fax
919-795-6302 mobile/vmail

From: [Amanda Bader](#)
To: [Chao, Ming-tai](#)
Cc: [Jerry Blanchard](#); "tyrus@ctclayton.com"
Subject: Accepted: pre-application meeting, Harnett County Dunn/Erwin TS, 43-07T
Start: Monday, October 01, 2012 10:00:00 AM
End: Monday, October 01, 2012 12:00:00 PM
Location: DENR_GS - Rm 2315 - 6 Seats - New River

Jerry Blanchard and Tyrus Clayton will be attending as well.

The modifications to the transfer station are maintenance related. The modifications will not increase the capacity or the overall function of the station. The modifications will extend 20 feet of shelter to a portion of the station previously unsheltered to minimize stormwater to be treated. The floor will be replaced and re-sloped and new holding tanks are to be installed. The station currently operates under a pump and haul permit.

The Dunn-Erwin Landfill Groundwater Extraction System and Sanitary Sewer are part of our Corrective Action Plan for the landfill and is not directly associated with the transfer station. We are bidding the projects together for potential cost savings. We plan to bid this project with separate divisions so we will have the option of awarding the bid to one contractor or two based on the bid results. This project has been developed over several years. To my knowledge, Geof Little has been engaged with this project since the beginning. Since we have been discussing this project for the past several years with Geof Little, would it be beneficial for him to participate in our discussion as well?

Thank you for your cooperation and we look forward to our discussion.



P.O. Box 759
102 East Front St.
Lillington, NC 27548

910-893-7555
910-814-2662 fax
www.harnett.org

	Permit No.	Date	Document ID No.
September 19, 2012	43-07T	September 20, 2012	17280

Mr. Ming-Tai Chao, PE
DENR – Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Received via an e-mail
Date: September 20, 2012
Solid Waste Section
Raleigh Central Office

RE: Solid Waste Permit – Expired Permit Reminder
HARNETT COUNTY-DUNN/ERWIN TRANSFER STATION
Permit No. 4307T-TRANSFER-1997, Harnett County, DIN 17172

Dear Mr. Chao:

As a follow-up to our phone conversation on September 12, 2012 regarding the expired permit for the transfer station, we are submitting herewith the deed for the transfer station and zoning conformance letter. We will continue to develop a complete submittal package for permit renewal.

The renewal package will include the transfer station improvements that are included in the Harnett County Dunn-Erwin Landfill Ground Water Extraction System and Sanitary Sewer bid package. The proposed improvements for the transfer station include a 20 foot extension of the transfer station building to cover more tipping floor area to reduce stormwater contamination, rehabilitation of the concrete floor, and improvements to the current pump and haul system. The project has been advertised for bids and the bid date is scheduled for October 9, 2012. Our consultant, CT Clayton Engineering, has been discussing this project over the past couple of years with Mr. Geof Little. Per Mr. Little’s direction, we will be forwarding plans and specifications to Mr. Robert Hearn next week.

We have obtained permit approvals for the sewer from DWQ, and NCDOT Encroachment and approvals for the associated erosion and sediment control plans. The facility has an active pump and haul permit and an Industrial Stormwater Management Permit.

We appreciate your cooperation and look forward to working with you to complete the renewal of our permit.

Sincerely,

Amanda L. Bader, PE, LEED AP
County Engineer

- c: Jerry Blanchard
- Tyrus Clayton, P.E.
- Robert Hearn
- Ed Mussler, P.E.
- Geof Little



FOR REGISTRATION REGISTER OF DEEDS
 KIMBERLY S. HARGROVE
 HARNETT COUNTY, NC
 2005 MAR 03 09:03:33 AM
 BK: 2049 PG: 178-181 FEE: \$20.00
 NC REV STAMP: \$141.00
 INSTRUMENT # 2005003566

HARNETT COUNTY TAX ID #
 07-1508 0054
 07-1508 0053
 3-3-05 BY SCB

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax \$141.00

Parcel Identifier No.: Tract 1: 07 1508 0054; Tract 2: 07 1508 0053

Verified by _____ County on the _____ day of _____, 2004
 by _____

Mail after recording to **Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335**
 This instrument was prepared by **Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335**

Brief Description for the index

Two Tracts - Thessie Daniel Farm

THIS DEED made this the 3rd day of March, 2005 by and between

GRANTOR	GRANTEE
JEANETTE DANIEL JOHNSON and husband, P.J. JOHNSON 317 Melvin Daniel Lane Dunn, N.C. 28334	COUNTY OF HARNETT P.O. Box 759 102 E. Front St. Lillington, N.C. 27546

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 Grove Township, Harnett County, North Carolina and more particularly described as follows:

SEE ATTACHED EXHIBIT "A"

The property hereinabove described was acquired by Grantor by instrument recorded in Book 759, Page 236, Harnett County Registry and Harnett County Estate File No. 99 E 536.

A map showing the above described property is recorded in Map No. _____, _____ County Registry.

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 is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

- a. General utility easements for phone and power purposes.
- b. Roadways and rights-of-way of record and those visible by inspection of the premises.
- c. Such facts as an environmental study on the subject property by an environmental engineer would reveal.
- d. Such facts that would be revealed by a recent survey on the subject tract by a registered land surveyor.
- e. 2005 Harnett County ad valorem taxes which are not yet due and payable and which will be the responsibility of the Grantee to pay when they become due.

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

(Corporate Name)

By: _____ President

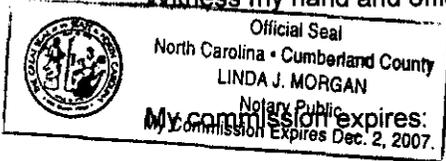
Jeanette Daniel Johnson (SEAL)
 JEANETTE DANIEL JOHNSON
P.J. Johnson (SEAL)
 P.J. JOHNSON

_____ (SEAL)

_____ (SEAL)

SEAL-STAMP

NORTH CAROLINA, Cumberland County.
 I, LINDA J. MORGAN, a Notary Public of the County and State aforesaid, certify that
 JEANETTE DANIEL JOHNSON and husband, P.J. JOHNSON, Grantor, personally
 appeared before me this day and acknowledged the execution of the foregoing instrument.
 Witness my hand and official stamp or seal, this 3rd day of March, 2005.



Linda J. Morgan

 Notary Public

SEAL-STAMP

NORTH CAROLINA, _____ County.
 I, a Notary Public of the County and State aforesaid, certify that _____ personally
 came before me this day and acknowledged that he/she is _____ of
 _____, a North Carolina corporation, and that he/she, as
 _____, being authorized to do so, executed the foregoing on behalf of the
 corporation.
 Witness my hand and official stamp or seal, this ___ day of _____, 2004.

_____ Notary Public

My commission expires:

EXHIBIT "A"

TRACT 1:

BEGINNING at an iron stake in the edge of a small marsh area which said Beginning Point is also the northernmost point of the Thessie D. Daniel farm property as shown on that map recorded in Plat Cabinet 2, Slide 399, Harnett County Registry; thence from said Beginning Point South 52 degrees 48 minutes 36 seconds East 1513.41 feet to a found iron pipe in the centerline of NCSR 1721; thence running with the centerline of NCSR 1721 South 03 degrees 47 minutes 31 seconds West 232.84 feet to a set rebar; thence South 53 degrees 19 minutes 30 seconds East 51.91 feet to a point; thence North 71 degrees 16 minutes 16 seconds West 1657.83 feet to an iron stake; thence North 27 degrees 38 minutes 19 seconds East 729.00 feet to the Point of Beginning containing 16.97 acres more or less designated as Tract 1 on that map dated March 25, 2004 by Andrew H. Joyner, PLS which is recorded in Map No. 2004-251 Harnett County Registry.

The above described tract is the same property conveyed to Jeanette D. Johnson in that deed recorded in Book 513, Page 279 less that 1.43 acre portion designated as Tract 3 on that map recorded as Map No. 2004-251 Harnett County Registry which was conveyed to the County of Harnett in that deed recorded in Book 1922, Page 633 Harnett County Registry.

TRACT 2:

Being all that certain tract or parcel of land containing 47.55 acres, more or less, and situate on both sides of Secondary Road No. 1724 (said Secondary Road ends or terminates upon said tract of land) in Grove Township, Harnett County, North Carolina, and being more specifically shown upon a map of survey entitled "Division of Thessie Daniel Farm" as prepared by Artis P. Spence, Registered Land Surveyor, dated December 21, 1985, (said survey being from a boundary survey made in June of 1985) and more fully described upon the aforementioned survey as follows: BEGINNING at an iron stake in the original western line of the tract from which this parcel is carved, said point being a corner in the line of the lands of Stewart Turlington heirs and said beginning corner also being the Southwestern corner of an 18.38 acre tract of land heretofore conveyed to Jeanette D. Johnson (reference is made to deed recorded in Book 513, Page 279, Harnett County Registry); and runs thence as the Southern line of the 18.38 acre tract South 71 degrees 16 minutes 20 seconds East 1657.83 feet crossing Secondary Road No. 1721 to a point; thence South 53 degrees 19 minute 30 seconds East 388.37 feet to a found rebar; thence North 36 degrees 47 minutes 41 seconds East 190.44 feet to a found rebar; thence South 52 degrees 48 minutes 39 seconds East 1040.21 feet to an iron stake in or near a small branch area; thence as the original line South 34 degrees 32 minutes 26 seconds West 297.10 feet to an iron stake; thence continuing as the original line South 16 degrees 06 minutes 06 seconds East 93.60 feet to an iron stake; thence continuing as the original line South 37 degrees 22 minutes 09 seconds East 147.14 feet to an iron stake, being a corner between Tracts 1 and 2; thence as a new division line between Tracts 1 and 2 North 70 degrees 36 minutes 19 seconds West 3270.23 feet to an iron stake in the original western line of the tract from which this parcel is carved; thence as the original line North 27 degrees 38 minutes 19 seconds East 682.81 feet to the point and place of BEGINNING and containing 46.75 acres, more or less.

This is the same property that was devised to Jeanette D. Johnson in Article Five of the Last Will and Testament of Thessie D. Daniel which is filed in Estate File No. 99 E 536 less that 0.80 acre tract which is designated as Tract 4 in that map recorded as Map No. 2004-251 Harnett County Registry.



KIMBERLY S. HARGROVE
REGISTER OF DEEDS, HARNETT
305 W CORNELIUS HARNETT BLVD
SUITE 200
LILLINGTON, NC 27546

PLEASE RETAIN YELLOW TRAILER PAGE

It is part of recorded document, and must be submitted with original for re-recording and/or cancellation.

Filed For Registration: 03/03/2005 09:03:33 AM

Book: RE 2049 Page: 178-181

Document No.: 2005003566

DEED 4 PGS \$20.00

NC REAL ESTATE EXCISE TAX: \$141.00

Recorder: ELMIRA MCLEAN

State of North Carolina, County of Harnett

The foregoing certificate of LINDA J. MORGAN Notary is certified to be correct. This 3 RD of March 2005

KIMBERLY S. HARGROVE , REGISTER OF DEEDS

By: Elmira McLean
Deputy/Assistant Register of Deeds



2005003566



FOR REGISTRATION REGISTER OF DEEDS
 KIMBERLY S. HARGROVE
 HARNETT COUNTY, NC
 2005 MAR 03 09:03:33 AM
 BK:2049 PG:182-185 FEE:\$20.00
 NC REV STAMP:\$109.00
 INSTRUMENT # 2005003567

HARNETT COUNTY TAX ID #
 07-1508-0053-01
 3-3-05 BY SLCB

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax \$109.00

Parcel Identifier No.: 07 1508 0053 01

Verified by _____ County on the _____ day of _____, 2004
 by _____

Mail after recording to **Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335**
 This instrument was prepared by **Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335**

Brief Description for the index

49.50 acre tract - Thessie Daniel Farm

THIS DEED made this the 3rd day of March, 2005 by and between

GRANTOR	GRANTEE
LYNDA DANIEL BUTLER and husband, ROBIE BUTLER 163 Melvin Daniel Lane Dunn, N.C. 28334	COUNTY OF HARNETT P.O. Box 759 102 E. Front St. Lillington, N.C. 27546

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 Grove Township, Harnett County, North Carolina and more particularly described as follows:

SEE ATTACHED EXHIBIT "A"

The property hereinabove described was acquired by Grantor by instrument filed in Harnett County Estate File No. 99 E 536.

A map showing the above described property is recorded in Map No. _____, _____ County Registry.

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 is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

- a. General utility easements for phone and power purposes.
- b. Roadways and rights-of-way of record and those visible by inspection of the premises.
- c. Such facts as an environmental study on the subject property by an environmental engineer would reveal.
- d. Such facts that would be revealed by a recent survey on the subject tract by a registered land surveyor.
- e. 2005 Harnett County ad valorem taxes which are not yet due and payable and which will be the responsibility of the Grantee to pay when they become due.

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

(Corporate Name)

Lynda Daniel Butler (SEAL)
LYNDA DANIEL BUTLER

By: _____ President

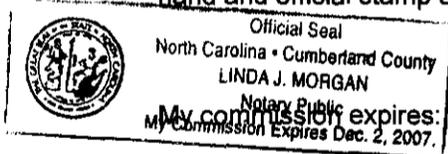
Robie Butler (SEAL)
ROBIE BUTLER

_____ (SEAL)

_____ (SEAL)

SEAL-STAMP

NORTH CAROLINA, Cumberland County.
I, Linda J. Morgan, a Notary Public of the County and State aforesaid, certify that
LYNDA DANIEL BUTLER and husband, ROBIE BUTLER, Grantor, personally appeared
before me this day and acknowledged the execution of the foregoing instrument. Witness my
hand and official stamp or seal, this 3rd day of March, 2005.



Linda J. Morgan
Notary Public

SEAL-STAMP

NORTH CAROLINA, _____ County.
I, a Notary Public of the County and State aforesaid, certify that _____ personally
came before me this day and acknowledged that he/she is _____ of
_____, a North Carolina corporation, and that he/she, as
_____, being authorized to do so, executed the foregoing on behalf of the
corporation.
Witness my hand and official stamp or seal, this ____ day of _____, 2004.

Notary Public

My commission expires:

EXHIBIT "A"

All that certain tract or parcel of land containing 49.50 acres, more or less, and being shown as Tract No. 2 on that certain map of survey entitled "Division of Thessie Daniel Farm" as prepared by Artis P. Spence, Registered Land Surveyor, dated December 21, 1985, (said survey being from a boundary survey made in June of 1985) and more fully described upon the aforementioned survey as follows: BEGINNING at an iron stake in the western line of the tract from which this parcel is carved, said iron stake being a point in the Stewart Turlington heirs line and also being the southwestern corner of Tract No. 1 as shown on said division map and runs thence from said beginning point South 70 degrees 36 minutes 19 seconds East 3270.23 feet to an iron stake in the eastern line of the tract from which this parcel is carved, being the southeastern corner of Tract No. 1 as shown on said division map; thence as the original line South 37 degrees 22 minutes 09 seconds East 490.35 feet to a concrete monument on the edge of a hill; thence as the original line South 38 degrees 54 minutes 40 seconds West 397.08 feet to an iron stake, being a corner for Tracts 2 and 3 in said division; thence as the division line between Tracts 2 and 3 North 70 degrees 36 minutes 16 seconds West 3273.90 feet to an iron stake in the western line of the tract from which this parcel is carved; thence as the original line North 09 degrees 41 minutes 48 seconds West 75.76 feet to an iron stake in the edge of the swamp; thence continuing as the original line North 04 degrees 35 minutes 41 seconds West 600 feet to an iron stake on a ridge; thence continuing as the original line North 27 degrees 38 minutes 19 seconds East 15.43 feet to the point and place of BEGINNING and containing 49.50 acres, more or less.

This is the same property that was devised to Lynda Daniel Butler in Article Five of the Last Will and Testament of Thessie D. Daniel which is filed in Estate File No. 99 E 536 in the office of the Harnett County Clerk of Superior Court.

LOB RB
47



KIMBERLY S. HARGROVE
REGISTER OF DEEDS, HARNETT
305 W CORNELIUS HARNETT BLVD
SUITE 200
LILLINGTON, NC 27546

PLEASE RETAIN YELLOW TRAILER PAGE

It is part of recorded document, and must be submitted with original for re-recording and/or cancellation.

Filed For Registration: 03/03/2005 09:03:33 AM

Book: RE 2049 Page: 182-185

Document No.: 2005003567

DEED 4 PGS \$20.00

NC REAL ESTATE EXCISE TAX: \$109.00

Recorder: ELMIRA MCLEAN

State of North Carolina, County of Harnett

The foregoing certificate of LINDA J. MORGAN Notary is certified to be correct. This 3 RD of March 2005

KIMBERLY S. HARGROVE , REGISTER OF DEEDS

By: *Elmira McLean*
Deputy/~~Assistant~~ Register of Deeds



2005003567



September 13, 2012

Attn: Amanda Bader
Harnett County Engineer
102 East Front Street
Lillington, NC 27546

PO Box 65
108 E. Front St.
Lillington, NC 27546

Ph: 910-893-7525
Fax: 910-814-6459

Property Owner: Harnett County

PIN(s)#: 1508-49-0386.000
1508-48-5635.000
1508-47-5974.000

To Whom It May Concern:

With regard to the above-referenced property (the "Property Owner"), please be advised as follows:

1. The Property is zoned RA-30 (the "Zoning Classification"), and in this case the build out is a **Waste Related Transfer Station**. This use is grandfathered as a "**Legal Non-Conforming**" use of the property until such time that it is discontinued for a period of 180 days or more.

3. Attached hereto and incorporated herein by reference is a list of the permitted uses under the Zoning Classification RA-30 (the "Permitted Uses");

4. The undersigned is unaware of any pending proceedings against the Property or its owner(s) for any building code or zoning ordinance violations and the undersigned is unaware that this department has received any complaints regarding violation or non-compliance with the regulations of the inspections department of the County of Harnett NC.

5. Assuming that the existing improvements on the Property (the "Improvements") are a Permitted Use under the Zoning Classification, the Improvements can be rebuilt in accordance with the Harnett County Unified Development Ordinance, in the event of partial or total destruction of the Improvements;

6. To the best of the undersigned's knowledge, upon due inquiry, all permits or governmental approvals required in connection with the operation of the Property are in place. Furthermore, all site plan requirements such as Parking, Lighting, and Access have been provided for and approved by the necessary bodies.

Sincerely,

Landon Chandler
Planner II
(910) 893-7525

Harnett County Unified Development Ordinance Use Table

(Adopted October 17, 2011)

Article V "Use Regulations" as shown

1.2 Table of Use Types & Regulations

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LEVEL	BUILDING CODE CLASS
RESIDENTIAL USES												
Traditional Household Residential												
Single Family Dwellings (including modular homes)					P*	P	P	P	P	2 per dwelling unit	1	R-3
Manufactured Homes (on individual parcel)							C*	P*	P*	2 per dwelling unit	1	R-3
Multi-Section Manufactured Homes (on individual parcel)							P*	P*	P*	2 per dwelling unit	1	R-3
Multifamily Residential												
Duplex Development							C*	C*	P* C*	1.5 per bdrm + 1 per bdrm over 2	2	R-3
Condominium Development				P*			C*	C*	P* C*	1.5 per bedroom	2	R-2
Live/Work Development			C*	C*						As required by proposed uses	3	
Multifamily Dwelling (three (3) or more dwelling units on individual parcel)				P*			C*	C*	P* C*	1.5 per bdrm + 1 per bdrm over 2	2	R-2
Townhome Development				P*			C*	C*	P* C*	1.5 per bdrm + 1 per bdrm over 2	2	R-3
Two-Family Dwelling (duplex on individual parcel)							P	P	P	1.5 per bdrm + 1 per bdrm over 2	1	R-3
Group Residential												
Family Care Facility						P*	P*	P*	P*	1 per 5 beds	2	R-3
Group Care Facility			C*			C*	C*	C*	C*	1 per 5 beds	2	
ACCESSORY USES & STRUCTURES												
Customary Home Occupations						P*	P*	P*	P*		1	
Education: Typically Related Accessory Uses (i.e. dormitories, modular units, stadiums, auditoriums, museums etc...)	P	P		P		P	P	P	P	see O&I District Regulations		
Junk Motor Vehicles (on private property)						P*	P*	P*	P*			
Kennel, Private Accessory						P*	P*	P*	P*		1	
Religious Structures Related Accessory Uses (i.e. Rectories, Parsonages, Manses, Parish Houses, Cemeteries, Mausoleums)	C	C	P	P		P	P	P	P		2	
Solar Energy System	P*	P*	P*	P*		P*	P*	P*	P*			
Swimming Pools	P*	P*	P*	P*		P*	P*	P*	P*		1	
Wind Energy System	P*	P*	P*	P*		P*	P*	P*	P*			
AGRICULTURE & FORESTRY USES												
Bona Fide Farm & Agritourism	P	P	P		P	P	P	P	P		1	
Nursery					P*	P*	P*	P*	P*	1 per 500 sq. ft.	2	M
Preserves (Nature, Wildlife, or Forest)	P	P	P	P	P	P	P	P	P		1	
EDUCATIONAL & INSTITUTIONAL USES												
Continuing Care Retirement Community/Nursing Home	P	P	P	P		C	C	C	C	1 per employee (largest shift) + ½ per resident	2	
Crematorium	P	C	C			C	C	C	C	1 per employee		U

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LEVEL	BUILDING CODE CLASS
Cemetery or Mausoleum, Commercial Use			C*			C*	C*	C*	C*		2	
Cemetery or Mausoleum, Private Use						P	P	P	P		2	
Funeral Home or Mortuary			P			C	C	C	C	1 per 4 seats OR 1 per 200 sq. ft.	2	A-3
Religious Structures	C*	P*	P*	P*		P*	P*	P*	P*	1 per 4 sanctuary seats	2	A-3
Daycare Facilities												
Adult Daycare	C*	P*	P*	C*		C*	C*	C*	C*	1 per employee + 1 per 8 clients	2	
Childcare Facility	C*	P*	P*	C*		C*	C*	C*	C*	1 per employee + 1 per 8 clients	2	
In-Home Childcare						P*	P*	P*	P*	As required by underlying use	1	R-3
Educational Services												
Colleges & Universities	P	P	C	P		P	P	P	P	5 per classroom + 1 per office	2	B
Learning Center		C	P	P						1 per employee + 1 per 8 clients	2	B
Research Laboratory	P	P	C	P						1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	3	
School, Private: Elementary, Middle, & High	C	C	C			P	P	P	P	2 per classroom	2	E
School, Public: Elementary, Middle, & High	C	C	C			P	P	P	P	5 per classroom	2	E
Trade School	P	P	P			C	C	C	C	5 per classroom + 1 per office	2	B
Truck Driving School	P	C	C							5 per classroom + 1 per office	4	B
Financial Services												
Automated Teller Machine (ATM)	P*	P*	P*	P*		P*	P*	P*	P*	2 per machine	2	
Financial Institutions (Banks, Credit Agencies, Investment Companies, etc)	C	P	P	P						1 per 200 sq. ft.	3	B
Health Services												
Emergency Services (ie- Police, Fire, Rescue, Ambulance Service)	P	P	P	P		P	P	P	P	1 per 350 sq. ft.	2	
Health Care Services (ie- Medical & Dental Clinic & Lab, Blood Bank, etc)	C	P	P	P		C	C	C	C	1 per 300 sq. ft.	3	B
Hospitals	P	P	P	P		P	P	P	P	2 per bed	3	I-2
Public Services												
Parks		P	P	P	P	P	P	P	P		1	
Public Library	P	P	P	P		P	P	P	P	1 per 300 sq. ft.	2	A-3
Social Institutions												
Community & Civic Centers		P	P			P	P	P	P	1 per 200 sq. ft.	2	A-3
Social Halls, Lodges, Fraternal Organizations, Clubs, & Similar Activities		P	P			C	C	C	C	1 per 200 sq. ft.	2	A-3
COMMERCIAL USES												
Existing Commercial Uses Applying for Permits to Expand				P			C	C	C	As required by underlying use	3	
Animal Services												
Kennels, Boarding Stables, & Other Similar Regulated Land Uses	C	C	C			C	C	C	C	1 per employee + 1 per kennel or pen	3	B
Veterinarian Service	C*	P*	C*	C*		C*	C*	C*	C*	1 per 300 sq. ft.	3	B
Zoo & Petting Zoo			C*				C*	C*	C*	1 per 4 persons (at max capacity)	4	
Eating & Drinking Services												
Bar, Tavern, & Entertainment Venue	P*	C*	P*							1 per 2 seats	3	A
Restaurant	P*	P*	P*	P*		C*	C*	C*	C*	1 per 4 seats + 1 per 2 employees	3	A
Lodging Services												
Bed & Breakfast						C*	C*	C*	C*	1 per room + 1 per employee	3	R
Boarding House			C*					C*	C*	1 per room + 1 per employee	3	R
Hotel or Motel	C	P	P	C						1 per room + 1 per 2 employees	3	R
Homeless Shelter	C*		C*				C*	C*	C*	1 per 400 sq. ft.	3	R
Recreational Vehicle Park			C*				C*	C*	C*		3	
Offices, General												

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LEVEL	BUILDING CODE CLASS
Business Service Establishment	P	P	P	P						1 per 300 sq. ft.	3	B
Offices (Business or Professional)	P	P	P	P		C	C	C	C	1 per 200 sq. ft.	3	B
Offices (Governmental)	P	P	P	P		C	C	C	C	1 per 200 sq. ft.	3	B
Personal Services												
Laundry Mat	P	P	P	P		C	C	C	C	1 per 150 sq. ft.	3	
Massage & Bodywork Therapy Practice, Licensed			P*				C*	C*	C*	3 per licensed therapist	3	B
Massage & Bodywork Therapy Practice, Unlicensed	C*									1 per 300 sq. ft.	4	B
Personal Service Establishment	P	P	P			C	C	C	C	1 per 300 sq. ft.		B
Recreational Facilities												
Recreational Facility	C*	C*	C*	C*		C*	C*	C*	C*	1 per 4 persons (at max capacity)	3	A
Athletic Fields, Private			P*	P*		C*	P*	P*	P*	25 per field + 1 per 200 sq. ft.	3	A
Health & Training Center, Indoor	C	P	P	P						1 per 200 sq. ft.	2	A
Health & Training Center, Outdoor		C*	C*	C*						1 per 200 sq. ft.	2	A
Race Track	C*	C*	C*	C*		C*	C*	C*	C*	1 per participant + 1 per 3 seats	3	A
Recreation & Amusement Services		C	C							1 per 4 persons (at max capacity)	3	A
Recreational Day Camp		C*	C*			C*	C*	C*	C*	1 per employee + 1 per 8 clients	2	
Recreational Facility, Indoor		P	P	P		C	C	C	C	1 per 200 sq. ft.	2	A
Shooting Range, Indoor	P*	P*	P*	C*		C*	C*	C*	C*	1 per firing point	4	
Shooting Range, Outdoor	C*	C*	C*	C*		C*	C*	C*	C*	1 per firing point	4	
Retail Services												
Convenience Stores & Convenience Type Business Establishments	P*	P*	P*	P*		C*	C*	C*	C*	1 per 150 sq. ft.	3	M
Grocery Store		C	P	P		C	C	C	C	1 per 200 sq. ft.	3	M
Flea Markets, Rummage, Second Hand Sales & Activities, Indoor			P*				C*	C*	C*	1 per 300 sq. ft.	3	M
Flea Markets, Rummage, Second Hand Sales & Activities, Outdoor			P*							1 per 300 sq. ft.	3	M
Nursery, Retail		P	P			C	C	C	C	1 per 500 sq. ft.	3	M
Retail Sales (entirely within an enclosed building)	P*	P*	P*							1 per 300 sq. ft.	3	M
Retail Sales, Outdoor (primarily outside of an enclosed building)	P*	P*	P*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	3	M
Shopping Center		P*	P*							1 per 200 sq. ft.	3	
Sexually-Oriented Business (bookstore, motion picture, nightclub)	C*									1 per 300 sq. ft.	4	
Vehicle Services												
Automobile Repair Facility	P*	P*	P*	C*		C*	C*	C*	C*	3 per bay + 1 per employee	3	S
Car Wash	P*	P*	P*	C*		C*	C*	C*	C*	1 per employee + 1 per 200 sq. ft.	3	
Parking Lot	P	P	P	P				C	C		3	
Repossession Storage Facility (repot lot)	P*	C*	C*							1 per 200 sq. ft.	4	
Vehicle Sales, Leasing, & Rental		C*	P*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	3	B
INDUSTRIAL USES												
Existing Industrial Uses Applying for Permits to Expand			C				C	C	C	As required by underlying use	4	
Alternative Energy												
Ethanol Diesel & Biofuel Production	C*	C*								1 per 2 employees (largest shift)	4	H
Solar Energy Facility	P*	P*				C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
Wind Energy Facility	P*	P*				C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
Manufacturing												

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LEVEL	BUILDING CODE CLASS
Manufacturing, Fertilizer	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	H
Manufacturing, General	P*	C*								1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Manufacturing, Light	P*	P*	P*	P*						1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Warehousing & Freight Handling												
Assembling, Processing Industries, Wholesale, & Warehouse	P*	C*	C*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Distribution Center	P*	C*	C*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	S
Storage, Recreational Vehicle & Travel Trailer						P*	P*	P*	P*	see Office, if applicable	3	
Storage, Self Mini-Warehouse	P*	P*	P*				C*	C*	C*	see Office, if applicable	3	S
Wholesale Trade												
Wholesale Storage of Gasoline or Bulk Terminal Plants	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	11-3
Waste Related												
Recycling Collection Centers (unmanned)	P*	P*	P*	P*		P*	P*	P*	P*	1 per unit	1	
Recycling Collection Centers & Solid Waste Container Sites (manned)	P	P					C	C	C	1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Recycling Plant	P	C	C							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Solid Waste Disposal	C*	C*	C*			C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
UTILITY USES												
Privately Owned Public Utility Structures & Facilities	P*	P*	P*	P*	P*	C*	C*	C*	C*	1 per 2 employees, if applicable	3	U
Publicly Owned Utility Structures & Facilities	P*	P*	P*	P*	P*	P*	P*	P*	P*	1 per 2 employees, if applicable	3	U
TEMPORARY USES												
Modular Classroom	P*	P*	P*	P*		P*	P*	P*	P*			E
Nonresidential Building, Temporary	P*	P*	P*	P*	P*	P*	P*	P*	P*			
Portable Food Sales		P*	P*	P*								
Residence, Temporary						P*	P*	P*	P*	2 per dwelling unit	1	
Roadside Stands						P*	P*	P*	P*		1	
Season Sales			P*			P*	P*	P*	P*		1	
Temporary Events	P*	P*	P*	P*		P*	P*	P*	P*		1	
Turkey Shoot, Temporary/Seasonal	C*	C*	C*	C*		C*	C*	C*	C*	1 per firing point	1	
Yard Sale						P*	P*	P*	P*		1	
OTHER USES												
Airports & Related Uses	P*	C*	C*	C*						1 per 300 sq. ft.	4	U
Comm. Towers: Microwave, TV, Telephone, Radio, & Cellular	C*	C*	C*	C*		C*	C*	C*	C*		4	U
Junkyards	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Manufactured Home Parks									C*	2 per dwelling unit	3	
Mining Activities	C*	C*	C*			C*	C*	C*	C*	1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Outdoor advertising signs			P									
Planned Unit Development	C*	C*	C*			C*	C*	C*	C*	As required by underlying use	3	

Chao, Ming-tai

From: Amanda Bader <abader@harnett.org>
Sent: Thursday, September 20, 2012 9:09 AM
To: Chao, Ming-tai
Cc: 'tyrus@ctclayton.com'; Jerry Blanchard
Subject: Dunn Erwin Transfer Station Permit No. 4307T-TRANSFER-1997
Attachments: delf zoning.pdf; 2005003567.pdf; 2005003566.pdf; 2012.09.19 DELF transfer.pdf

Good morning -

Please find attached correspondence regarding our permit renewal. Originals are being sent by mail.

Thanks
Amanda

Amanda L. Bader, PE, LEED® AP
Harnett County
102 East Front Street
PO Box 759
Lillington, NC 27546
ph: 910-893-7555
fax: 910-814-2662



Permit No.	Date	Document ID No.
43-07T	November 02, 2012	17585

November 2, 2012

PN: 03005A

Ming-Tai Chao, PE
Solid Waste Section
217 W Jones St
Raleigh, NC 27699

Received via an e-mail
Date: November 02, 2012
Solid Waste Section
Raleigh Central Office

**RE: Transfer Station Permit Renewal Application
Dunn-Erwin Landfill, Permit 43-07T
Corrective Action Project Bid Package**

On behalf of Harnett County, please find the following enclosed:

- One (1) hard copy of the Dunn Erwin Landfill Transfer Station Permit Renewal application.

A digital copy of this package is being emailed to you today. Should you need anything that is not contained in this package, please let me know either by email (tyrus@ctclayton.com) or by phone (910-897-7070) and I will respond promptly.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Tyrus Clayton, Jr.", is written over a light gray background.

C. Tyrus Clayton, Jr., PE

enclosure

cc: file
Jerry Blanchard, Harnett County (via email)
Amanda Bader, PE, Harnett County (via email)

46 West Washington Street - Coats, North Carolina 27521

Phone: 910-897-7070 - Fax: 910-897-6767

Offices located in Coats and New Bern, North Carolina

www.ctclayton.com



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

SOLID WASTE SECTION

November 09, 2012

Mr. Jerry Blanchard, Director
Harnett County General Services
P. O. Box 940
Lillington, NC 27546

Subject: Comments on Permit Amendment Application – 5-year Permit Review
Dunn/Erwin Solid Waste Transfer Facility
Harnett County, North Carolina
Permit No. 43-07T, Document ID No. (Doc ID) 17610

Dear Mr. Blanchard:

The Division of Waste Management (DWM), Solid Waste Section (SWS) received the following documents:

- “*Dunn-Erwin Landfill, Corrective Action Projects: Project 1 – Sanitary Sewer Pump Station, Force Main, & Groundwater Extraction System; Project 2 – Convenience Center and Transfer Station Improvements. Project Manual,*” dated September 2012 and prepared Clayton, Sr., P.E., Inc. The document (Doc ID 17302) was received by the SWS on September 25, 2012.
- “*Dunn-Erwin Landfill, Transfer Station Permit Renewal Application, Permit 43-07T,*” (Permit Application) dated November 02, 2012 and prepared Clayton, Sr., P.E., Inc. The document (Doc ID 17585) was received by the SWS on November 02, 2012.

After conducting a review, the SWS has comments on the Permit Application and stated below:

General

1. Please complete and sign the attached Application Signature page.

Section 3.0

2. (Section A) The Permit Application proposes that the facility receives approximately 105 tons per day. However, the Facility Compliance Audit Report dated January 20, 2011 indicated the facility receives approximately 145 tons per day. Please confirm the daily waste rate to be handled at this facility.
3. (Sections D & E) The described notifications and/or reports shall be sent to the new address below:

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-707-8200\ Internet: <http://portal.ncdenr.org/web/wm/sw>

Department of Environment and Natural Resources
Division of Waste Management, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646
(919)707-8200

Please make a necessary correction.

4. (Section D) Please address the following concerns of waste screening or segregation:
 - i. Have wastes been sorted and segregated in the convenience centers prior to shipping to the transfer facility? Please clarify.
 - ii. Will the waste sorting and segregating (including removal of recyclable material out of waste stream) be conducted at the transfer facility? If so, please describe the waste sorting and separating processes in this Section.
 - iii. Since asbestos waste or asbestos containing material (ACM) are not listed as prohibited wastes in the Operations Plan. If the facility conducts sorting or segregating wastes in the facility, the personnel will potentially be exposed to asbestos; therefore, the County must submit a work plan to the Health Hazards Control Unit of the Division of Public Health, Department of Health & Human Services for a review and approval. For preparing the work plan, please contact Mr. Jeff Dellinger, at phone 919-707-5950, or jeff.dellinger@ncmail.net for the details and requirements. If the above-mentioned condition is applicable to the facility, please add the requirement to this Section. A copy of correspondence/approval document issued by the Health Hazards Control Unit of the Division of Public Health needs to append to the Permit Application.
 - iv. Should the recyclable material that are retrieved from the wastes stream be conducted at the facility, please describe how the recyclable is managed, such as the type and maximum amount- either cubic yards or tonnage that are allowed to be stored on-site, the locations of on-site storage areas, the contact info of the contractors who transport, treat, and or process the recyclable. Please be advised that Waste and recyclable shall not be stored on the tipping floor after the operating hours. If the collected recyclable must be temporary stored on the tipping floor or other areas at the transfer facility, the maximum duration for storage shall not be more than 48 hours.
 - v. This Section needs to provide the clear time frame (said 24 hours) for reporting any attempted delivery of wastes of which the facility is not permitted to receive.
5. (Section E) Please address the following concerns:
 - i. The Facility Compliance Audit Report dated January 20, 2011 indicated that wash-down liquid waste/leachate will be pumped, hauled, and treated at the City of Lillington's WWTP. If the facility will continue this practice please add the specific information to this Section.
 - ii. Please describe the pump & haul practice at the facility being approved by the NC DWQ on August 24, 2010 and add the copy of the approval document to the Section 9.0- Appendix Documents.

- iii. It is necessary to describe the constructed measures and structures on the tipping floor (such as berms and sloped floor to drains) to prevent wash-down liquid from leaving the building and to facilitate wash-down liquid draining into sumps (drainage receptors).
 - iv. Please describe the conditions of the loading bay, apron, and/or tipping floor which will properly function to prevent or limit any leachate and wash-down liquid from penetrating into the soil underneath the building floor.
6. (Section F) Please address the following concerns associated with Fire Control and Prevention:
- i. Please provide the protocols and measures (such as piles of earthen material stockpiled adjacent to the building) to handle/manage incoming hot/burning loads under various scenarios – prior to entering the facility, prior to unloading wastes on tipping floor, and after unloaded to the tipping floor.
 - ii. Is a fire extinguisher placed on equipment that is described in Section H? Please clarify.
 - iii. Have the equipment operators been trained to know how to use firefighting tools / equipment? Please clarify.
 - iv. Please add that open burning is prohibited at the transfer facility.
 - v. Please append the fire notification form to the Permit Application. The DWM “Solid Waste Management Facility Fire Occurrence Notification” form can be used if the County pleases. The form can be found and downloaded from the DWM web site at http://portal.ncdenr.org/c/document_library/get_file?uuid=18760b57-0f71-464e-b89f-cf4790caa65f&groupId=38361.
7. (Section G) According to the “*Project Manual*” for the transfer station improvement project, the new drainage receptors will be installed on the east and west sides of the building to convey wash-down liquid to the new holding tanks. The drainage receptors must be inspected at the end of each working day to ensure that wash-down wastes piled on top of the bar screens will be removed and properly disposed of. Please add the requirement to the Section.
8. (Section I) Please provide the measures to control windblown litters for the loaded truck in and out of the facility such as using a tarp over the wastes while in transportation.
9. (Section K) The approved permit application including the Operations Plan and all completed documents related to operation including, but not limited to, random waste screening / inspection forms, non-conforming waste form, fire notifications, etc. must be placed in the operating record at the facility. Please add the requirements to this Section.
10. (Section L) Please address the following concerns:
- i. Will all waste loads be subjected to screening at the tipping floor? Or, the waste screening is conducted randomly. If random waste screening is conducted at this facility please provide the screening frequency and random sampling protocol in the Section. In the course of screening/inspection, the wastes must be unloaded at an area isolate from other incoming waste loads so that any cross contamination will not occur at the tipping floor.

- ii. Please provide a copy of the typical waste screening form to the Permit Application.
 - iii. According to the Facility Compliance Audit Report dated January 20, 2011, waste screening or sorting activities are conducting at tipping floor. Recyclable (tires, batteries, plastic bottles, etc.) shall not be stored or stockpiled on the tipping floor after the operating hours. Please properly address the concerns (also refer Comment No. 4).
 - iv. Unacceptable wastes that are potentially hazardous or PCB wastes and left on the tipping floor can't be loaded back to the truck and must be properly isolated and separated from other incoming wastes and on-site personnel. The wastes must be contained and confined prior to properly disposal off by personnel or contractor who pertains properly training, knowledge, credential, and machine, equipment & tool. It is recommended that the Section N - Contingency Plan address approaches, protocols and reporting requirements to properly manage and handle the above-mentioned unacceptable wastes in detail.
11. (Section N) An alternative MSWLF must be identified in the Section if the designated disposal facility – WI-Sampson County Disposal Inc. (Solid Waste Permit No. 82-02) is temporary closed down for a reason. The alternative MSWLF will allow to receive the waste streams for disposal because its approved service areas allow such disposal,
12. (Section M) Please address the following concerns:
- i. The employees that have completed operator's training courses will also have to review the approved Operations Plan in order to maintain the facility in compliance with all applicable requirements.
 - ii. Change "Division of Solid Waste Management" to "Division of Waste Management."
13. Please describe the dust control measures in the Operations Plan.
14. Please describe the routine inspections conducted at the facility. In a minimum the Section needs to discuss:
- i. The personnel conducts routine inspection – training and credential;
 - ii. The inspection frequency;
 - iii. The inspection items listed and follow-up actions on the nonconformance items;
 - iv. The retention of inspection records.
 - v. Provide a typical copy of the inspection form appended to the Permit Application.

Please timely respond the above-referenced comments and submit the SWS a revised Permit Application (one hard copy and an electronic copy), which incorporates the requested information. If you have questions about the comments and permitting processes, please contact please contact me at (919) 707-8251 or ming.chao@ncdenr.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ming-Tai Chao', written in a cursive style.

Ming-Tai Chao, P.E.
Environmental Engineer
Solid Waste Section

Enclosure - Application Signature Page

Cc:

C. Tyrus Clayton, Jr., P.E.
Ed Mussler, Permitting Branch Supervisor
Robert Hearn, DWM

Amanda L. Bader, P.E., LEED
Dennis Shackelford, DWM
Central Files

Signature page of applicant –

Name of facility _____

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

Print Name

Date

Title

Business or organization name



February 26, 2013

PN: 03005A

Ming-Tai Chao, PE
Solid Waste Section
217 W Jones St
Raleigh, NC 27699

**RE: Transfer Station Permit Renewal Application - RESUBMITTAL
Dunn-Erwin Landfill, Permit 43-07T**

On behalf of Harnett County, please find the following enclosed:

- One (1) hard copy of the revised Dunn Erwin Landfill Transfer Station Permit Renewal application. The application has been revised to reflect additions/revisions per your comment letter dated November 9, 2012.

A digital copy of this package is being emailed to you today. Should you need anything that is not contained in this package, please let me know either by email (tyrus@ctclayton.com) or by phone (910-897-7070) and I will respond promptly.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Tyrus Clayton, Jr.", is written over a white background.

C. Tyrus Clayton, Jr., PE

enclosure

cc: file
Amanda Bader, PE, Harnett County (via email)

Permit No.	Date	Document ID No.
43-07T	February 26, 2013	18582

Received by an e-mail
Date: **February 26, 2013**
Solid Waste Section
Raleigh Central Office

46 West Washington Street - Coats, North Carolina 27521

Phone: 910-897-7070 - Fax: 910-897-6767

Offices located in Coats and New Bern, North Carolina

www.ctclayton.com

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- Legal Description of Property
- USGS Topographic Quadrangle Map
- Zoning Letter
- FEMA Flood Map
- ACOE Wetlands Documentation
- Erosion & Sedimentation Control Plan Approval Letter
- Fire Occurrence Notification Form
- Emergency Contacts
- Routine Inspection Forms
- Waste Screening Form

SECTION 1.0 – GENERAL INFORMATION

Landfill Name:

Dunn Erwin Landfill – Permit #43-02

Dunn Erwin Landfill Transfer Station - Permit #43-07T

Landfill Address:

449 Daniel's Rd.

Dunn, N.C. 28334

Operator - Landowner - Permit/Invoice Recipient Contact:

Harnett County General Services

Mrs. Amanda Bader, PE, LEEDAP, County Engineer

P.O. Box 940

103 E Ivey Street (Phys)

Lillington, NC 27546

910-893-7536

Engineer Contact:

C.T. Clayton, P.E., Inc.

Mr. Tyrus Clayton, Jr., P.E.

46 W. Washington Street

Coats, NC 27521

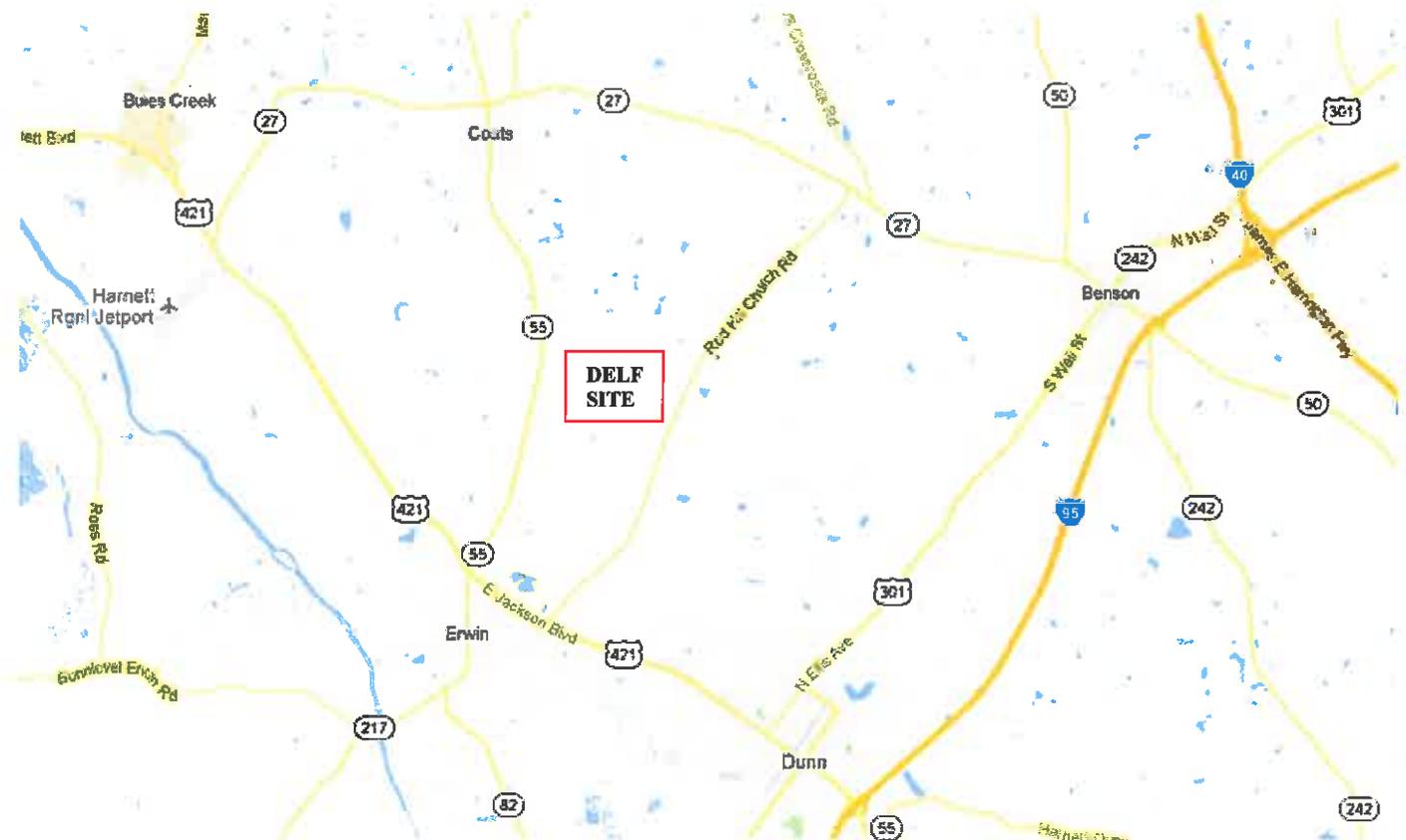
910-897-7070

SECTION 2.0 - PROPERTY INFORMATION & MAPS

Facility Description / Acreage:

The proposed Dunn/Erwin Transfer Station is located near the scale house on the existing 296 acre County landfill property. The existing landfill is located in northeastern Harnett County just north of NCSR 1725. The closest town to its boundary is the town of Erwin, approximately 2 miles south of the landfill. The figure below is a location map for the Harnett County Transfer Station. The transfer station site, including parking areas occupies approximately 5.0 acres within the confines of the existing landfill boundary. Harnett County began operating the existing MSW landfill in 1978 and ceased operations in 1997 to comply with closure deadlines for unlined landfills. Since 1997, a C&D (Construction and Debris) Landfill has been in operation in the remaining airspace of the closed MSW Landfill Cell. The building site, which includes the tipping building and tipping building apron encompasses 0.33 acres \pm of the 5.0 acre \pm development. All County planning and zoning requirements were met and approved in the original permitting process for the facility.

VICINITY MAP



See Section 9.0 for Deed, NC Flood Map of Transfer Station Area, Zoning Letter, USGS Topographic Map, & ACOE Wetlands information.

SECTION 3.0 – TRANSFER STATION OPERATIONS PLAN – DUNN ERWIN LANDFILL

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SECTION B.	HOURS OF OPERATION
SECTION C.	OPERATIONS DESCRIPTION
SECTION D.	WASTE RECEIVED
SECTION E.	WASHDOWN WATER DISPOSAL
SECTION F.	FIRE CONTROL
SECTION G.	VECTOR CONTROL
SECTION H.	EQUIPMENT
SECTION I.	CONTROL OF WIND BLOWN WASTE
SECTION J.	EROSION CONTROL
SECTION K.	RECORDS
SECTION L.	WASTE SCREENING
SECTION M.	PERSONNEL
SECTION N.	CONTINGENCY PLANS

SECTION A. GENERAL

Harnett County constructed a Transfer Station to transfer solid waste in 1997 from both household and commercial sites to an approved Subtitle D landfill. This Operations Plan will assist Harnett County in the daily operations of the station and serve as a guide to safely maintain and operate the Dunn/Erwin Transfer Station. This Operations Plan has been prepared in accordance with the North Carolina Solid Waste Rules 15A NCAC 13B .0402, Operational Requirements for Transfer Facilities. The Operations Plan also addresses pertinent operational requirements outlined in Rule .0505, Operational Requirements for Sanitary Landfills.

Waste is also brought to the facility by municipalities, private waste hauling companies, businesses, institutions and individuals. The service area includes all of Harnett County. The facility receives approximately 124 tons per day (based on a 5-year [2007-2012] average of 38,160 tons per year and 309 operating days per year). After being received at various locations on the site according to its classification and its potential for reuse or recycling, waste is shipped off-site to landfills for disposal or to other facilities for recycling or salvage. The landfill currently receiving MSW waste from the Dunn-Erwin Transfer Station is Sampson Disposal, LLC Landfill. The only material left on site is Construction and Demolition Debris and Land Clearing and Inert Debris disposed of within the active C&D and LCID landfills located within the facility.

Signs at the entrance announce the permit number, hours of operation, lists of acceptable and unacceptable waste and emergency contact name and telephone number. Signs within the facility direct traffic to designated areas to deposit waste.

The Facility is operated in accordance with the conditions of Permit #43-07T issued by the State of North Carolina, Division of Waste Management, Solid Waste Section.

The Harnett Transfer Station consists of a tipping building, tipping building apron, and access roads and trailer packing areas. The tipping building includes upper and lower level concrete slabs with metal wall panels on three sides of the building. The south side of the building is open for vehicle access to the tipping floor. Two exhaust fans installed along the north wall for odor control and air quality within the operating area. The tipping building apron and access roads have either an asphalt or concrete paved surface. The existing landfill scale house is used for weighing incoming vehicles. The outgoing transfer trailer vehicles are weighed prior to disposal at a lined landfill. Currently the waste is being disposed at the Waste Industries Landfill (NCDENR SW Permit# 82-02) located in Sampson County, NC. A complete set of approved Civil and Architectural drawings are currently on file with the NCDENR Solid Waste Section. The transfer facility was designed to operate as a tipping floor system.

Wash water from the tipping floor and truck drive through will be collected and directed to one of two 1,200-gallon on-site holding tanks. In addition, in 2000, a diversion berm was installed on the tipping pad access apron to direct wash down water and stormwater to a 3,000-gallon on-site holding tank. The County currently pumps and hauls the waste water to the Harnett County operated waste water treatment plant.

Note: Sections C thru I demonstrate compliance with North Carolina Administrative Code T15A.13B Rules .0401 - .0402

SECTION B. HOURS OF OPERATION

The Harnett County Transfer Station is open every day except Sundays and Holidays that are observed by the County. These hours may change in order to accommodate the conditions of unforeseen circumstances.

Hours are generally as follows:

Mon, Tue, Thur, Fri 7:30 A.M. to 4:30 P.M.

Wed - 7:30 A.M. to 12:00 P.M.

Sat – 7:30 A.M. to 4:30 P.M.

Sun - CLOSED

To control access, entrances to the facility are secured by locked gates at all times except during operating hours. Access roads are all-weather construction.

SECTION C. OPERATIONS DESCRIPTION

Vehicles entering the facility are weighed just inside the gate and again just as they leave in order to keep an account of the total waste received, the type of waste and the origin of the waste. All this information is recorded and filed. In the interest of protecting public health and safeguarding the environment, the Solid Waste Department of Harnett County does require haulers to obtain permits. These permits are issued by the Solid Waste Department. These permits require the covering of transported materials, clear identification of trucks, and compliance with local and state law regarding the collection, transport, and disposal of solid waste.

Vehicles are directed to the active permitted LCID cell, C&D cell, recycling areas or individuals with small quantities of solid waste are sent to the convenience center immediately after the

inbound scale for disposal and leave the facility without having to become involved with the traffic to and from the Transfer Station tipping floor.

A spotter directs haulers where to back into and loads are dumped on the tipping floor. The spotter assures the orderly unloading and exiting for haulers which includes keeping large trucks with refuse bodies that unload quickly separated from smaller trucks that do not dump and with drivers generally with less experience in hauling waste who may have to unload by hand.

Rubber tired loaders operated by Transfer Station personnel push Municipal Solid Waste (MSW) (garbage) into the trailer of a contracted hauler and staged on the yard to be connected to a road tractor bound for the Sampson Disposal, LLC Landfill.

SECTION D. WASTE RECEIVED

The Harnett County Dunn Erwin Transfer Station receives approximately 31,500 tons of waste per year from Harnett County. The waste stream consists of residential, industrial, institutional, and commercial wastes.

The incorporated Towns within the County provide collection and hauling solid waste management services to their residents themselves or by contracting with a private waste management company. Residents in the unincorporated areas of the county may use any of the 16 permitted private haulers or may personally take their garbage to the Dunn-Erwin Transfer/Landfill, the Anderson Creek Transfer/Landfill, or one of the four collection centers operated by the County.

Waste is also collected by the County from four collection ("convenience") centers located in rural areas of the County. Any county resident may use the collection sites to drop off recyclable materials and residential waste at an annual cost per household. The resident must have the household identification sticker displayed when dropping off materials. The collection centers are staffed through a contract with Republic Waste Services. An attendant is at each center from 7:30 am to 5:30 pm, Monday through Saturday. Residential household solid waste is accepted at each center in a roll-off container. The contractor hauls this waste to the transfer facility. Recyclable materials of glass, newspaper and aluminum are also accepted.

No waste sorting or segregation occurs at the Transfer Station. Occasionally wood pallets will be separated by Staff and stored adjacent to the Transfer Station until the end of the day where they are taken to the appropriate area within the landfill facility. The Transfer Station only accepts approved MSW wastes. Recyclables such as metals, white goods, shingles, paper, plastic, cans, glass, batteries, etc. have their own collection space/bins located within the convenience center area on the landfill property. Incoming loads with recyclables are directed to dispose at the convenience center. Absolutely no wastes or recyclables are sorted or stored on the Transfer Station floor. The Transfer Station floor is emptied and sprayed down at the end of each work day.

Any asbestos containing material shall be delivered in a segregated load, double bagged by the hauler (shingles are to be wetted, bagging optional), who is required to call for an appointment prior to delivery. Asbestos containing materials are not accepted at the Transfer Station. Upon

delivery, they are escorted to the Asbestos Monofill located on the landfill property and disposed/covered immediately.

1. **Acceptable Waste:** MSW – Solid waste resulting from the operation of residential, commercial, industrial, governmental, or institutional establishments that would normally be collected, processed, and disposed of through a public or private solid waste management service. [N.C.G.S. 130A-290(a)(18a)]

2. **Prohibited Waste:** – The following are wastes that can not be received at the transfer station facility:

In accordance with Rule .0505(10)(e), the Harnett County Transfer Station will not accept barrels and drums unless they are empty and perforated sufficient to ensure that no liquid or hazardous waste is contained in them. In accordance with Rule .0505(11)(b), no hazardous or liquid waste shall be accepted at the transfer station. In addition, the transfer station will not accept infectious waste, medical waste, animal waste, animal carcasses (with the exception of those euthanized by the Harnett County Department of Animal Control), sludge, radioactive waste, or any other wastes as excluded by the Solid Waste Section of the Division of Waste Management. A report shall be 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 will be forwarded to the following address within 24 hours:

Department of Environment and Natural Resources
Division of Waste Management, Solid Waste Division
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
(919) 707-8200

SECTION E. WASHDOWN WATER DISPOSAL

The Transfer Station consists of a 3,800 square foot tipping floor and a 720 square foot transfer trailer loading area. Solid waste is dumped only on the covered tipping floor. The concrete tipping floor, loading apron, and trailer loading area are served by drains which collect any liquid that may be in the waste (floor is sloped to direct water to these drains, a berm is in place at the apron). The drains channel flow to underground storage tanks before being pumped and hauled to Harnett County Public Utilities for treatment at the Lillington WWTP. The drain screens are checked daily to ensure no blockages occur and if found, are rectified immediately.

The County received approval of the pump and haul activities by the NC DWQ on August 24, 2010. The County is currently completing a project which will allow for the leachate collection tanks to be served by an on-site pump station and force main that will pump the leachate to the closest sanitary sewer manhole which flows to the Lillington WWTP. This will eliminate the hauling aspect of the leachate collection and treatment at the Transfer Station. A copy of the Pump and Haul approval letter is attached.

Currently, the County is undergoing a rehabilitation project at the Transfer Station. The tipping floor is to be rehabilitated, the building is being extended an additional 20 feet over the tipping floor approach, and a pump station is being installed to pump wash water and sewage to the Lillington WWTP. The wash water will be collected and drained to two (2) 3,000 gallon holding and solids removal tanks and then pass on to the pump station. The County will maintain the pump and haul permit as a backup plan in case of pump station failure. Plans for this upgrade are on file with the SWS. The upgrade should be complete late 2013.

The County is currently working on a plan to pave a roughly 4,500 sq.ft. trailer parking area to collect any runoff from the loaded trailers as they wait to be hauled to the MSW landfill for disposal. This parking area will feature a sloped, paved surface & curb along with a soil berm which will direct runoff to a baffled collection box. The box will have two connected chambers in which a smaller pipe will collect initial runoff (water quality volume) and send it directly to the pump station. In the event of a significant rain, the chamber will overflow via a weir to a second chamber where a larger pipe will discharge into an existing ditch and sediment basin onsite.

At the end of each working day, the tipping floor is cleaned and washed down to maintain cleanliness using water from the Harnett County public water system. Rain water does not reach the drains in any significant amount as the tipping floor and trailer loading areas are covered by a metal building.

SECTION F. FIRE CONTROL

The Harnett County Dunn Erwin Transfer Station is located roughly equal distance from the limits of the City of Dunn and the Towns of Coats and Erwin, North Carolina and fire protection is provided by them. For major fires, the primary fire control policy for the Facility consists of notifying the City of Dunn Fire Department, and waiting for their response. A secondary fire control policy consists of hose bibs located on the tipping floor and at the transfer trailer loading area. The hose bibs are provided for daily floor wash down maintenance, but may be used to control small fires if feasible, and until the Fire Department can arrive.

If a burning load arrives on the scales, the load is directed to the Transfer Station where the load is dumped outside the Transfer Station on the concrete once the general public has been evacuated from the area. The 2" hydrant is used to extinguish the fire. No known hot loads are sent to the Tipping Floor. If a hot load were to be dumped within the building it would be pushed out to the concrete building apron with the Front End Loader and extinguished with the 2" hydrant. A Fire Notification Form would then be filled out and issued to the SWS in either case.

A fire hydrant with a pumper nozzle is located along the landfill entrance road. In addition, Underwriters Laboratory (UL) fire extinguishers are located on the tipping floor, the transfer trailer loading area, in the office, and on equipment operating on the Transfer Station tipping floor. Transfer Station staff are trained on how to use fire extinguishers and the hose bibs. Buildings receiving waste are metal construction with concrete floors.

In addition to the use of the 2" hydrant, there are ample borrow soils within short distance of the Transfer Station within the Landfill Facility that can be obtained in quick order to smother a hot load.

No open burning is allowed at the Landfill Facility.

In accordance with Rule .0505(10)(c), fires that occur at the Harnett County Transfer Station require verbal notice to the Division of Solid Waste within 24 hours and written notification shall be submitted within 15 days. Written notification will consist of the DWM "Solid Waste Management Facility Fire Occurrence Notification" form. Verbal and written notification shall be submitted to the Raleigh Regional Waste Management Specialist:

Department of Environment and Natural Resources
Division of Waste Management, Solid Waste Division
1646 Mail Service Center
Raleigh, North Carolina 27699-1646
(919) 707-8200

SECTION G. VECTOR CONTROL

The Harnett County Dunn Erwin Transfer Station is specifically suited for vector control. The tipping floor and transfer trailer loading areas are completely contained by a metal building structure. Openings at the entrance to the tipping floor and at the ingress and egress to the transfer trailer loading area allow adequate ventilation. The floors are washed down at the end of each working day. Solid waste is not stored on the tipping floor for any significant length of time. This procedure has been very effective in the control of rodents.

The relocated wash down drain receptors (2013 Upgrade Project) located on either side of the building are to be inspected at the end of each day and all waste is removed from the trash grates and properly disposed.

SECTION H. EQUIPMENT

The Facility uses the following equipment for operations, maintenance and back-up:

1. 70' X 10' Scale (inbound/outbound)
2. Rubber-Tired Front End Loader (1) (for moving wastes on tipping floor)
3. Transfer Trailers (property of the Contract Hauler) (Multiple)
4. Yard Tractors (1) (for shifting trailers)
5. Floor Wash down Equipment, hoses, shovels, brooms
6. Dozer (2) (for LCID / C&D & general operations)
7. Rubber Tire Backhoe (1) (backup for Rubber-Tired Front End Loader)
8. Excavators (1) (for LCID / C&D & general operations)
9. Farm Tractor with Pavement Brush (1)

SECTION I. CONTROL OF WIND BLOWN WASTE

The tipping floor and transfer trailer loading areas are enclosed by a metal building; therefore, waste is mostly contained within the confines of the structure. All scattered or blown waste in the immediate area is trapped by fencing along roadways to prevent this matter from being blown into drainage ditches. All incoming loads are required to be covered to reduce windblown debris. Non-compliant loads are notified at the scales of this requirement. All windblown waste is collected and properly disposed of by the end of each day.

Dust control is a minimal concern at the Transfer Station. The access road is paved from the entrance to the tipping floor. A 2-inch hydrant is available for use in the gravel trailer parking area upon need.

SECTION J. EROSION CONTROL AND SURFACE WATER RUN-OFF

The Transfer Station site is graded to drain to grassed swales and ditches with vegetation on the slopes that slow down run-off and reduce erosion. All drainage from the site is routed to an existing sediment basin.

Existing erosion/sedimentation control structures include sediment basins, storm drains, temporary slope drains, check dams, and diversion ditches. Sedimentation basins are checked after periods of significant runoff. Sediment is removed from the basin to its original dimension when sediment accumulates to one half of design depth. The sedimentation basins, embankment, ditches, inlets and outlets will also be inspected for erosion damage. All necessary repairs will be made immediately. Any trash or debris within the riser pipes will be removed.

The erosion control structures are designed and will be maintained to manage the runoff generated by the 24- hour, 10-year storm event and will conform to the requirements of the Sedimentation Pollution Control Law (15A NCAC 4).

Storm drain outlets and diversion ditches will be inspected for damage after each runoff event. Riprap will be placed in ditches and at pipe outlets to prevent erosion and washouts. Any damaged areas will be reseeded, fertilized and mulched immediately. Seeding, fertilizing, and mulching shall be in accordance with the North Carolina Erosion and Sedimentation Control Guidelines.

SECTION K. RECORDS

Data from the scales at the entrance gate is transferred electronically to the County's computer system which in turn provides data for tickets, billing, total tons for any period of time, inbound/outbound tons, origination, recyclable class, rate type (residential, industrial, commercial institutional). Transfer Station personnel assure that the trailers leaving for the landfill are loaded with maximum payload. The weight loaded on each trailer and the trailer number is recorded on a daily sheet. At the end of each month, these sheets can be used if necessary to check number of loads and tons on billings from the landfill for transportation and disposal.

Staff/safety training meetings are held and minutes and attendance are recorded. Records and documentation of any training and certificates received are kept on file.

Copies of Permit approvals, Operations Plan, waste screening forms, fire notifications forms, weight records, and other pertinent operational information are kept on file in the Landfill Manager's office.

SECTION L. WASTE SCREENING

Waste is screened by all personnel that operate the Transfer Station not only for unacceptable waste but for the correct destination on the property to deposit the load. Beginning with the scale house attendant who asks the waste hauler what he is disposing to equipment operators and attendants who see the contents of the load when it is uncovered, it is everyone's responsibility to assure that the waste is disposed in the correct location and rejected if it is unacceptable. There are five (5) certified transfer station operation specialists on staff. At least one (1) certified transfer operator is on site at all times during operational hours. Training is provided on spotting unacceptable waste during certification course. Also there is one (1) Certified Landfill Operator who was trained on spotting unacceptable waste. The loader operators and attendants who have not attended the Certification Courses have been trained by staff on spotting unacceptable waste. When unacceptable waste is identified and the hauler is still on site the hauler will be responsible for removal of the waste. If the hauler has left the site and cannot be identified then the County will be responsible for removal and proper disposal methods of the waste. Haulers who use the facility regularly generally know what waste is unacceptable and those who are not regular are informed by the signs at the gate and/or by information provided by the scale house attendant. Routine offenders can be turned over to the County's Environmental Officer / Sherriff Deputy for formal enforcement.

A minimum of two (2) incoming loads per week are randomly pulled aside and isolated from normal traffic for routine inspection. The inspection form is used to indicate if the load is within compliance and space is available to comment on non complying loads. Copies of the inspections are placed in the onsite operation file for a minimum of 3-years or per direction of the SWS. A blank form is attached.

Transfer station attendants are constantly inspecting incoming loads for noncompliant non-hazardous waste such as tires, batteries, wood pallets, etc. Upon discovery these items are stockpiled temporarily off the tipping floor and relocated to the appropriate location at the convenience center at the end of each working day.

If an unacceptable waste, and specifically hazardous waste, is found to be on the Tipping Floor, the general public will be evacuated from the immediate Transfer Facility area. An empty trailer will be hauled to the loading area and the waste will be pushed into the trailer where it can be contained and confined. Harnett County Emergency Management will be notified upon discovery and may offer additional instruction.

The County has relationships with several professional, properly certified hazardous materials cleanup firms which are available for handle any spills, etc which may occur. A list of the emergency contacts is attached.

The SWS will be notified on an appropriate form of any incident and a description of the resolution.

SECTION M. PERSONNEL

The following are responsible for the operation of the Harnett County Waste Handling Facility during daily operations:

RESPONSIBILITY

Director of Solid Waste - Manage Entire Operation

Superintendent of Solid Waste - Manage Tipping Floor, Operators, Spotters

Waste Enforcement Officer – (Sherriff Deputy) Prevent Illegal Dumping and Uncovered Loads

Crew Leader (1) - Assists Superintendent in Management of Operations

Solid Waste Mechanic (1) Trucks and Equipment Maintenance

Scale House Attendant/Account Managers (2) Weigh Haulers In and Out

Equipment Operators/Attendants (2) Operate Equipment and Direct Visitors for Proper Disposal

Five of these employees have completed operator's training courses approved by the Division of Solid Waste. At least one of these employees is present at the facility during operating hours. These employees will be provided a copy of the approved operations plan for them to become familiarized with.

The Solid Waste Superintendent performs daily, weekly, and monthly inspections which includes a variety of items to insure compliance with the Landfill's Operating Permit. Some things included but not limited to are inspection of gas and monitoring wells, erosion and sedimentation, daily cover, edge of waste markers, litter, etc. A sample form is attached. Records are kept for a minimum of three years at the landfill office.

SECTION N. CONTINGENCY PLAN

Equipment over and above the minimum required have been acquired to compensate for break downs. See Operations Plan SECTION H. for back-up designation.

When possible, nonconforming waste delivered to the facility will be discovered by the personnel at the site, rejected before it is unloaded and the hauler will be directed to transport it off the property. Waste spilled on lower level truck drives is removed as needed with the rubber tired loaders used to move waste on the tipping floor. Noise and odors are usually not a problem since there are no dwellings or businesses near the tipping floor which is covered by a metal building. Unusual traffic patterns are avoided by use of signs within the facility to direct haulers to designated areas.

Long-term power outages would affect not only the immediate receiving and transferring of waste, but record keeping and billing. If the outage is extensive, the facility may have to cease operation. In the event the facility would have to cease operations the County would notify the municipalities and waste haulers to direct them to another facility where they could dispose of their waste or to advise when the Harnett County Transfer Station facility would be back up in operation. This notification would be by phone and the use of the local media.

An alternate disposal site is the Uwharrie Environmental Landfill (NCDENR SW Permit #62-04) in the event that the Waste Industries Landfill (NCDENR SW Permit# 82-02) is closed for any reason. The Johnston County Landfill (NCDENR SW Permit# 5103) is also an alternative in the event of an emergency.

SECTION 4.0 – SEDIMENTATION & EROSION CONTROL PLAN

The Dunn Erwin Landfill operates under multiple E&S permits for different activities within the facility. This application is for a permit renewal. We do not propose to expand the footprint of the transfer station.

Currently the existing transfer station is scheduled to be renovated in early 2013. Bids for this work were accepted on October 30, 2012 and a Notice to Proceed was issued to begin the work in February, 2013. This work is covered under NCDENR LQS Letter of Approval dated December 31, 2009 and can be found attached in Section 9.0 of this application.

SECTION 5.0 – FINANCIAL ASSURANCE

Not required for this permit renewal application.

SECTION 6.0 – TRAFFIC STUDY

Not required for this permit renewal application.

SECTION 7.0 – SIGNATURE PAGES

Applicant Signature Page Follows

Signature page of applicant –

Name of facility DUNN ERWIN LANDFILL TRANSFER STATION

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.

S. T. Sauer
Signature

S. T. SAUER
Print Name

11-1-17
Date

COUNTY MANAGER
Title

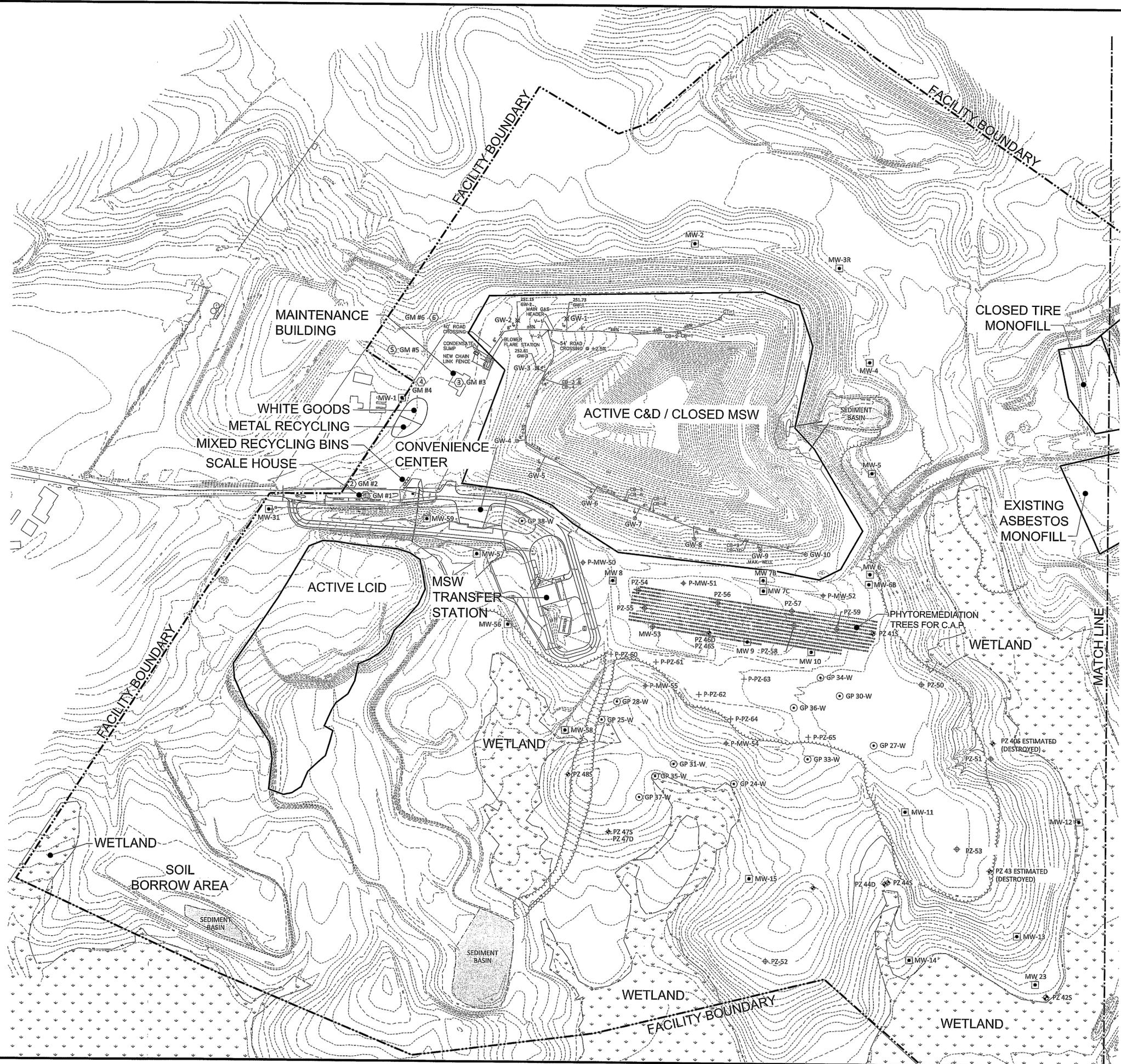
COUNTY OF HARNETT
Business or organization name

SECTION 8.0 – FACILITY DRAWINGS

Dunn Erwin Landfill Facility Site Plan Follows (2 Pages)

Plans for the Transfer Station Renovations were previously supplied to the Solid Waste Section on September 25, 2012. Pursuit to a meeting on October 1, 2012, the County will provide as-built drawings of the renovated transfer station upon completion of the project.

PA1003 Harnett County\030228 Corrective Action Plan CAP\Cap\030315 Mas Exhibit Revised AEB.dwg



NOTES

LEGEND of SYMBOLS

- EXISTING CONTOURS
- - - FACILITY BOUNDARY
- GP 23-W GEOPROBE WELL
- ◆ PZ 48S EXISTING PIEZOMETER
- + P-PZ-50 PROPOSED PIEZOMETER
- MW 9 EXISTING MONITORING WELL
- ⊕ P-MW-11 PROPOSED MONITORING WELL
- ⊙ GW-8 GAS WELL
- ② GM #2 GAS MONITORING WELL

PERMIT DOCUMENT
FOR REVIEW ONLY



No.	Revision/Issue	Date

NOT FOR CONSTRUCTION

[Signature]
Signature

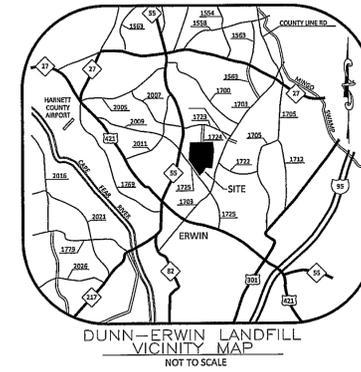
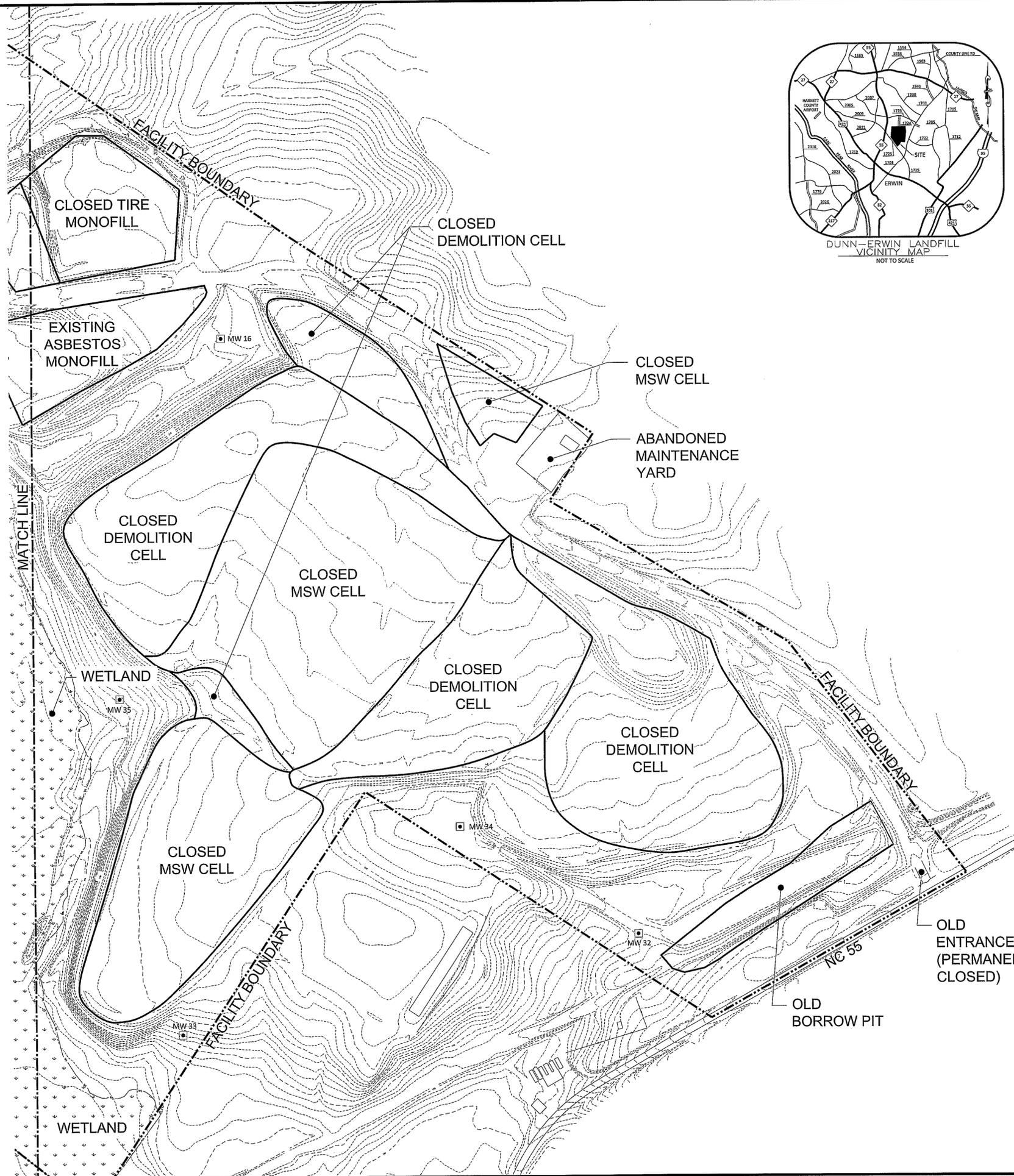
11/1/2012
Date

Clayton, Sr., P.E., Inc.
CIVIL & ENVIRONMENTAL ENGINEERING
46 WEST WASHINGTON STREET
COATS, NORTH CAROLINA 27521
PHONE: 910-897-7070 FAX: 910-897-6767
License No. C-2570 www.clayton.com

DUNN ERWIN LANDFILL	
HARNETT COUNTY, NC	
Project No: 3035	File Name: 03035 Mas Exhibit Revised AEB
Designed By: CTC Jr.	Drawn By: SBK
Checked By: CTC Jr.	Proj. Eng.: SBK
Sheet Title: FACILITY PLAN	
Date: OCTOBER 2012	Sheet
Scale: 1" = 100'	1 of 2

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P:\03 Harnett County\03002B Corrective Action Plan CAP\Cad\03035 Mos Exhibit Revised AEB.dwg

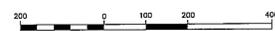


NOTES

LEGEND of SYMBOLS

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- - - FACILITY BOUNDARY
- ⊙ GP 23-W GEOPROBE WELL
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- ⊙ GW-8 GAS WELL
- Ⓜ GM #2 GAS MONITORING WELL

PERMIT DOCUMENT
FOR REVIEW ONLY



No.	Revision/Issue	Date

NOT FOR CONSTRUCTION

[Signature]
Signature

11/1/2012
Date

Clayton, Sr., P.E., Inc.
CIVIL & ENVIRONMENTAL ENGINEERING
46 WEST WASHINGTON STREET
COATES, NORTH CAROLINA 27621
PHONE: 919-897-7070 FAX: 919-897-4767
License No. C-2570 www.ctclayton.com

DUNN ERWIN LANDFILL	
HARNETT COUNTY, NC	
Project No: 3035	File Name: 03035 Mos Exhibit Revised AEB
Designed By: CTC Jr.	Drawn By: SBK
Checked By: CTC Jr.	Proj. Eng.: SBK
Sheet Title FACILITY PLAN	
Date: OCTOBER 2012	Sheet
Scale: 1" = 100'	2 of 2

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SECTION 9.0 – APPENDIX DOCUMENTS

Legal Description of Property
USGS Topographic Quadrangle Map
Zoning Letter
FEMA Flood Map
ACOE Wetlands Documentation
Erosion & Sedimentation Control Plan Approval Letter
Fire Occurrence Notification Form
Emergency Contacts
Routine Inspection Forms
Waste Screening Form

Legal Description of Property

Deed information for Parcels 07 15080054, 07 1508 0053, and 07 1508 0053 01



FOR REGISTRATION RECEIPT OF DEEDS
 HARNETT COUNTY, NC
 2005 MAR 03 09:00:33 AM
 BK: 2040 PG: 178-181 FEE: \$28.00
 NC REV STAMP: \$141.00
 INSTRUMENT # 2005033565

07-1508 0054
 07-1508 0053
 5/3/05 BY SKG

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax \$141.00

Parcel Identifier No.: Tract 1: 07 1508 0054; Tract 2: 07 1508 0053

Verified by _____ County on the _____ day of _____, 2004
 by _____

Mail after recording to Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335
 This instrument was prepared by Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335

Brief Description for the Index

Two Tracts - Thessie Daniel Farr

THIS DEED made this the 3rd day of March, 2005 by and between

GRANTOR	GRANTEE
JEANETTE DANIEL JOHNSON and husband, P.J. JOHNSON 317 Melvin Daniel Lane Dunn, N.C. 28334	COUNTY OF HARNETT P.O. Box 789 102 E. Front St. Lillington, N.C. 27646

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 Grove Township, Harnett County, North Carolina and more particularly described as follows:

SEE ATTACHED EXHIBIT 'A'

The property hereinabove described was acquired by Grantor by instrument recorded in Book 759, Page 236, Harnett County Registry and Harnett County Estate File No. 99 E 536.

A map showing the above described property is recorded in Map No. _____ County Registry.

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 is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions herein after stated.

Title to the property hereinabove described is subject to the following exceptions:

- a. General utility easements for phone and power purposes.
- b. Roadways and rights-of-way of record and those visible by inspection of the premises.
- c. Such facts as an environmental study on the subject property by an environmental engineer would reveal.
- d. Such facts that would be revealed by a recent survey on the subject tract by a registered land surveyor.
- e. 2005 Harnett County ad valorem taxes which are not yet due and payable and which will be the responsibility of the Grantee to pay when they become due.

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

(Corporate Name)

By: _____ President

Jeanette Daniel Johnson (SEAL)
JEANETTE DANIEL JOHNSON

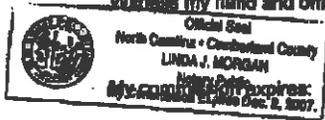
P.J. Johnson (SEAL)
P.J. JOHNSON

(SEAL)

(SEAL)

SEAL-STAMP

NORTH CAROLINA, Cumberland County.
I, LINDA J. MORGAN, a Notary Public of the County and State aforesaid, certify that JEANETTE DANIEL JOHNSON and husband, P.J. JOHNSON, Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 3rd day of March, 2005.



Linda J. Morgan
Notary Public

SEAL-STAMP

NORTH CAROLINA, _____ County.
I, a Notary Public of the County and State aforesaid, certify that _____ personally came before me this day and acknowledged that he/she is _____ of _____ a North Carolina corporation, and that he/she, as _____, being authorized to do so, executed the foregoing on behalf of the corporation. Witness my hand and official stamp or seal, this ____ day of _____, 2004.

Notary Public

My commission expires:

EXHIBIT "A"

TRACT 1:

BEGINNING at an iron stake in the edge of a small marsh area which said Beginning Point is also the northernmost point of the Thessie D. Daniel farm property as shown on that map recorded in Plat Cabinet 2, Slide 399, Harnett County Registry; thence from said Beginning Point South 52 degrees 48 minutes 36 seconds East 1513.41 feet to a found iron pipe in the centerline of NCSR 1721; thence running with the centerline of NCSR 1721 South 03 degrees 47 minutes 31 seconds West 232.84 feet to a set rebar; thence South 53 degrees 19 minutes 30 seconds East 51.91 feet to a point; thence North 71 degrees 16 minutes 16 seconds West 1657.83 feet to an iron stake; thence North 27 degrees 38 minutes 19 seconds East 729.00 feet to the Point of Beginning containing 16.97 acres more or less designated as Tract 1 on that map dated March 25, 2004 by Andrew H. Joyner, PLS which is recorded in Map No. 2004-251 Harnett County Registry.

The above described tract is the same property conveyed to Jeanette D. Johnson in that deed recorded in Book 513, Page 279 less that 1.43 acre portion designated as Tract 3 on that map recorded as Map No. 2004-251 Harnett County Registry which was conveyed to the County of Harnett in that deed recorded in Book 1922, Page 633 Harnett County Registry.

TRACT 2:

Being all that certain tract or parcel of land containing 47.55 acres, more or less, and situate on both sides of Secondary Road No. 1724 (said Secondary Road ends or terminates upon said tract of land) in Grove Township, Harnett County, North Carolina, and being more specifically shown upon a map of survey entitled "Division of Thessie Daniel Farm" as prepared by Artis P. Spence, Registered Land Surveyor, dated December 21, 1985, (said survey being from a boundary survey made in June of 1985) and more fully described upon the aforementioned survey as follows: BEGINNING at an iron stake in the original western line of the tract from which this parcel is carved, said point being a corner in the line of the lands of Stewart Turlington heirs and said beginning corner also being the Southwestern corner of an 18.38 acre tract of land heretofore conveyed to Jeanette D. Johnson (reference is made to deed recorded in Book 513, Page 279, Harnett County Registry); and runs thence as the Southern line of the 18.38 acre tract South 71 degrees 16 minutes 20 seconds East 1657.83 feet crossing Secondary Road No. 1721 to a point; thence South 53 degrees 19 minute 30 seconds East 388.37 feet to a found rebar; thence North 36 degrees 47 minutes 41 seconds East 190.44 feet to a found rebar; thence South 52 degrees 48 minutes 39 seconds East 1040.21 feet to an iron stake in or near a small branch area; thence as the original line South 34 degrees 32 minutes 26 seconds West 297.10 feet to an iron stake; thence continuing as the original line South 16 degrees 06 minutes 06 seconds East 93.60 feet to an iron stake; thence continuing as the original line South 37 degrees 22 minutes 09 seconds East 147.14 feet to an iron stake, being a corner between Tracts 1 and 2; thence as a new division line between Tracts 1 and 2 North 70 degrees 36 minutes 19 seconds West 3270.23 feet to an iron stake in the original western line of the tract from which this parcel is carved; thence as the original line North 27 degrees 38 minutes 19 seconds East 682.81 feet to the point and place of BEGINNING and containing 46.75 acres, more or less.

This is the same property that was devised to Jeanette D. Johnson in Article Five of the Last Will and Testament of Thessie D. Daniel which is filed in Estate File No. 99 E 536 less that 0.80 acre tract which is designated as Tract 4 in that map recorded as Map No. 2004-251 Harnett County Registry.



KIMBERLY S. HARGROVE
REGISTER OF DEEDS, HARNETT
305 W CORNELIUS HARNETT BLVD
SUITE 200
LILLINGTON, NC 27546

PLEASE RETAIN YELLOW TRAILER PAGE

It is part of recorded document, and must be submitted with original for re-recording
and/or cancellation.

Filed For Registration: 03/03/2005 09:03:33 AM

Book: RE 2049 Page: 178-181

Document No.: 2005003566

DEED 4 PGS \$20.00

NC REAL ESTATE EXCISE TAX: \$141.00

Recorder: ELMIRA MCLEAN

State of North Carolina, County of Harnett

The foregoing certificate of LINDA J. MORGAN Notary is certified to be correct. This 3 RD of March 2005

KIMBERLY S. HARGROVE , REGISTER OF DEEDS

By: *Elmira McLean*
Deputy/Assistant Register of Deeds



2005003566



FOR REGISTRATION REGISTER OF DEEDS
 HARNETT COUNTY, NC
 2005 MAR 03 06:03:33 PM
 BK:2048 PG:102-105 FEE:\$20.00
 NC REV STAMP:\$109.00
 INSTRUMENT # 2005003567

HARNETT COUNTY, NC
 07-1508-0053-01
 3-3-05 BY: [Signature]

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax \$109.00

Parcel Identifier No.: 07 1508 0053 01

Verified by _____ County on the _____ day of _____, 2004
 by _____

Mail after recording to Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335
 This instrument was prepared by Dwight W. Snow, Attorney at Law, P.O. Box 397, Dunn NC 28335

Brief Description for the index

49.50 acre tract - Theale Daniel Farm

THIS DEED made this the 3rd day of March, 2006 by and between

GRANTOR	GRANTEE
LYNDA DANIEL BUTLER and husband, ROBIE BUTLER 163 Melvin Daniel Lane Dunn, N.C. 28334	COUNTY OF HARNETT P.O. Box 769 102 E. Front St. Lillington, N.C. 27546

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 Grove Township, Harnett County, North Carolina and more particularly described as follows:

SEE ATTACHED EXHIBIT "A"

The property hereinabove described was acquired by Grantor by Instrument filed in Harnett County Estate File No. 99 E 636.

A map showing the above described property is recorded in Map No. _____ County Registry.

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 is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

- a. General utility easements for phone and power purposes.
- b. Roadways and rights-of-way of record and those visible by inspection of the premises.
- c. Such facts as an environmental study on the subject property by an environmental engineer would reveal.
- d. Such facts that would be revealed by a recent survey on the subject tract by a registered land surveyor.
- e. 2005 Harnett County ad valorem taxes which are not yet due and payable and which will be the responsibility of the Grantee to pay when they become due.

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

(Corporate Name)

By: _____ President

Lynda Daniel Butler (SEAL)
LYNDA DANIEL BUTLER

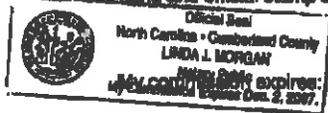
Robie Butler (SEAL)
ROBIE BUTLER

_____ (SEAL)

_____ (SEAL)

SEAL-STAMP

NORTH CAROLINA, Cumberland County.
I, Linda J. Morgan, a Notary Public of the County and State aforesaid, certify that LYNDA DANIEL BUTLER and husband, ROBIE BUTLER, Grantor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 3rd day of March, 2005.



Linda J. Morgan
Notary Public

SEAL-STAMP

NORTH CAROLINA, _____ County.
I, a Notary Public of the County and State aforesaid, certify that _____ personally came before me this day and acknowledged that he/she is _____ of _____, a North Carolina corporation, and that he/she, as _____, being authorized to do so, executed the foregoing on behalf of the corporation.
Witness my hand and official stamp or seal, this ___ day of _____, 2004.

Notary Public

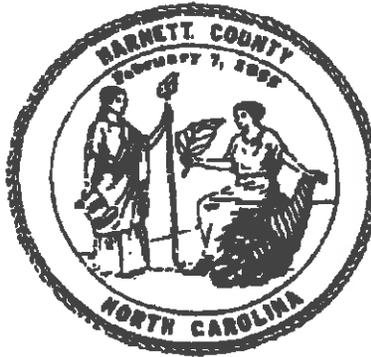
My commission expires:

EXHIBIT "A"

All that certain tract or parcel of land containing 49.50 acres, more or less, and being shown as Tract No. 2 on that certain map of survey entitled "Division of Thessie Daniel Farm" as prepared by Artis P. Spence, Registered Land Surveyor, dated December 21, 1985, (said survey being from a boundary survey made in June of 1985) and more fully described upon the aforementioned survey as follows: BEGINNING at an iron stake in the western line of the tract from which this parcel is carved, said iron stake being a point in the Stewart Turlington heirs line and also being the southwestern corner of Tract No. 1 as shown on said division map and runs thence from said beginning point South 70 degrees 36 minutes 19 seconds East 3270.23 feet to an iron stake in the eastern line of the tract from which this parcel is carved, being the southeastern corner of Tract No. 1 as shown on said division map; thence as the original line South 37 degrees 22 minutes 09 seconds East 490.35 feet to a concrete monument on the edge of a hill; thence as the original line South 38 degrees 54 minutes 40 seconds West 397.08 feet to an iron stake, being a corner for Tracts 2 and 3 in said division; thence as the division line between Tracts 2 and 3 North 70 degrees 36 minutes 16 seconds West 3273.90 feet to an iron stake in the western line of the tract from which this parcel is carved; thence as the original line North 09 degrees 41 minutes 48 seconds West 75.76 feet to an iron stake in the edge of the swamp; thence continuing as the original line North 04 degrees 35 minutes 41 seconds West 600 feet to an iron stake on a ridge; thence continuing as the original line North 27 degrees 38 minutes 19 seconds East 15.43 feet to the point and place of BEGINNING and containing 49.50 acres, more or less.

This is the same property that was devised to Lynda Daniel Butler in Article Five of the Last Will and Testament of Thessie D. Daniel which is filed in Estate File No. 99 E 536 in the office of the Harnett County Clerk of Superior Court.

LOB RB
~



KIMBERLY S. HARGROVE
REGISTER OF DEEDS, HARNETT
305 W CORNELIUS HARNETT BLVD
SUITE 200
LILLINGTON, NC 27546

PLEASE RETAIN YELLOW TRAILER PAGE

It is part of recorded document, and must be submitted with original for re-recording
and/or cancellation.

Filed For Registration: 03/03/2005 09:03:33 AM

Book: RE 2049 Page: 182-185

Document No.: 2005003567

DEED 4 PGS \$20.00

NC REAL ESTATE EXCISE TAX: \$109.00

Recorder: ELMIRA MCLEAN

State of North Carolina, County of Harnett

The foregoing certificate of LINDA J. MORGAN Notary is certified to be correct. This 3 RD of March 2005
KIMBERLY S. HARGROVE , REGISTER OF DEEDS

By: *Elmira McLean*
Deputy/Assistant Register of Deeds



2005003567

USGS Topographic Quadrangle Map

Zoning Letter



Planning Department

www.harnett.org

September 13, 2012

Attn: Amanda Bader
Harnett County Engineer
102 East Front Street
Lillington, NC 27546

PO Box 65
108 E. Front St.
Lillington, NC 27546

Ph: 910-893-7525
Fax: 910-814-6459

Property Owner: Harnett County

PIN(s): 1508-49-0386.000

1508-48-5635.000

1588-47-5974.000

To Whom It May Concern:

With regard to the above-referenced property (the "Property Owner"), please be advised as follows:

1. The Property is zoned RA-30 (the "Zoning Classification"), and in this case the build out is a Waste Related Transfer Station. This use is grandfathered as a "Legal Non-Conforming" use of the property until such time that it is discontinued for a period of 180 days or more.
3. Attached hereto and incorporated herein by reference is a list of the permitted uses under the Zoning Classification RA-30 (the "Permitted Uses");
4. The undersigned is unaware of any pending proceedings against the Property or its owner(s) for any building code or zoning ordinance violations and the undersigned is unaware that this department has received any complaints regarding violation or non-compliance with the regulations of the inspections department of the County of Harnett NC.
5. Assuming that the existing improvements on the Property (the "Improvements") are a Permitted Use under the Zoning Classification, the Improvements can be rebuilt in accordance with the Harnett County Unified Development Ordinance, in the event of partial or total destruction of the Improvements;
6. To the best of the undersigned's knowledge, upon due inquiry, all permits or governmental approvals required in connection with the operation of the Property are in place. Furthermore, all site plan requirements such as Parking, Lighting, and Access have been provided for and approved by the necessary bodies.

Sincerely,

A handwritten signature in black ink, appearing to read "Landon Chandler".

Landon Chandler
Planner II
(910) 893-7525

Harnett County Unified Development Ordinance Use Table (Adopted October 17, 2011)

Article V "Use Regulations" as shown

1.2 Table of Use Types & Regulations

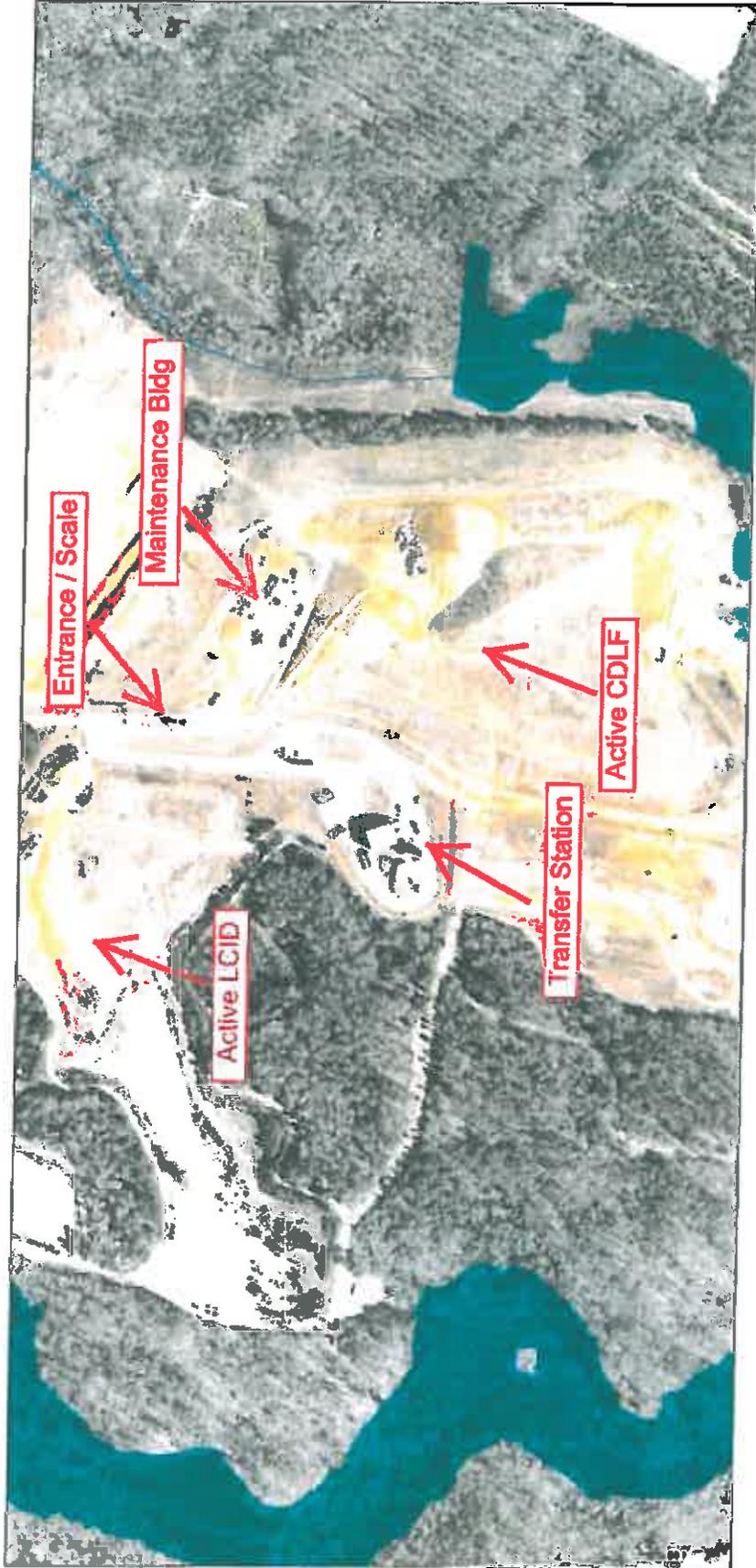
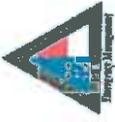
	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LEVEL	BUILDING CLASS
RESIDENTIAL USES												
Traditional Household Residential												
Single Family Dwellings (including modular homes)					P*	P	P	P	P	2 per dwelling unit	1	R-3
Manufactured Homes (on individual parcels)							C*	P*	P*	2 per dwelling unit	1	R-3
Multi-Section Manufactured Homes (on individual parcels)							P*	P*	P*	2 per dwelling unit	1	R-3
Multifamily Residential												
Duplex Development							C*	C*	P*	1.5 per bdrm + 1 per bdrm over 2	2	R-1
Condominium Development				P*			C*	C*	C*	1.5 per bedroom	2	R-2
Live/Work Development			C*	C*						As required by proposed uses	3	
Multifamily Dwelling (three (3) or more dwelling units on individual parcel)				P*			C*	C*	P*	1.5 per bdrm + 1 per bdrm over 2	2	R-2
Townhome Development				P*			C*	C*	P*	1.5 per bdrm + 1 per bdrm over 2	2	R-3
Two-Family Dwelling (duplex on individual parcel)							P	P	P	1.5 per bdrm + 1 per bdrm over 2	1	R-3
Group Residential												
Family Care Facility						P*	P*	P*	P*	1 per 5 beds	2	R-3
Group Care Facility			C*			C*	C*	C*	C*	1 per 5 beds	2	
Accessory Uses												
Customary Home Occupations						P*	P*	P*	P*		1	
Education: Typically Related Accessory Uses (ie- dormitories, modular units, stadiums, auditoriums, museums etc...)	P	P		P		P	P	P	P	see C66d District Regulations		
Junk Motor Vehicles (on private property)						P*	P*	P*	P*			
Kennel, Private Accessory						P*	P*	P*	P*		1	
Religious Structures Related Accessory Uses (ie- Rectories, Parsonages, Manses, Parish Houses, Cemeteries, Mausoleums)	C	C	P	P		P	P	P	P		2	
Solar Heating System	P*	P*	P*	P*		P*	P*	P*	P*			
Swimming Pools	P*	P*	P*	P*		P*	P*	P*	P*		1	
Wind Energy System	P*	P*	P*	P*		P*	P*	P*	P*			
Other Uses												
Home Side Farm & Agritourism	P	P	P		P	P	P	P	P		1	
Nursery					P*	P*	P*	P*	P*	1 per 300 sq. ft.	2	M
Preserves (Nature, Wildlife, or Forest)	P	P	P	P	P	P	P	P	P		1	
Special Use												
Continuing Care Retirement Community/Nursing Home	P	P	P	P		C	C	C	C	1 per employee (avgust shift) + 1/4 per resident	3	
Crematorium	P	C	C			C	C	C	C	1 per employee	1	L

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING:	USE GROUP LEVEL	BUILDING CLASS
Business Service Establishment	P	P	P	P						1 per 300 sq. ft.	3	B
Offices (Business or Professional)	P	P	P	P		C	C	C	C	1 per 200 sq. ft.	3	B
Offices (Governmental)	P	P	P	P		C	C	C	C	1 per 200 sq. ft.	3	B
Personal Services												
Laundry Mat	P	P	P	P		C	C	C	C	1 per 150 sq. ft.	3	
Massage & Bodywork Therapy Practice, Licensed			P*				C*	C*	C*	3 per licensed therapist	3	B
Massage & Bodywork Therapy Practice, Unlicensed	C*									1 per 300 sq. ft.	4	B
Personal Service Establishment	P	P	P			C	C	C	C	1 per 300 sq. ft.		B
Recreational Facilities												
Recreational Facility	C*	C*	C*	C*		C*	C*	C*	C*	1 per 4 persons (at max capacity)	3	A
Athletic Fields, Private			P*	P*		C*	P*	P*	P*	25 per field + 1 per 200 sq. ft.	3	A
Health & Training Center, Indoor	C	P	P	P						1 per 200 sq. ft.	2	A
Health & Training Center, Outdoor		C*	C*	C*						1 per 200 sq. ft.	2	A
Race Track	C*	C*	C*	C*		C*	C*	C*	C*	1 per participant + 1 per 3 seats	3	A
Recreation & Amusement Services		C	C							1 per 4 persons (at max capacity)	3	A
Recreational Day Camp		C*	C*			C*	C*	C*	C*	1 per employee + 1 per 8 clients	2	
Recreational Facility, Indoor		P	P	P		C	C	C	C	1 per 200 sq. ft.	2	A
Shooting Range, Indoor	P*	P*	P*	C*		C*	C*	C*	C*	1 per firing point	4	
Shooting Range, Outdoor	C*	C*	C*	C*		C*	C*	C*	C*	1 per firing point	4	
Retail Services												
Convenience Stores & Convenience Type Business Establishments	P*	P*	P*	P*		C*	C*	C*	C*	1 per 150 sq. ft.	3	M
Grocery Store		C	P	P		C	C	C	C	1 per 200 sq. ft.	3	M
Flea Markets, Rummage, Second Hand Sales & Activities, Indoor			P*				C*	C*	C*	1 per 300 sq. ft.	3	M
Flea Markets, Rummage, Second Hand Sales & Activities, Outdoor			P*							1 per 300 sq. ft.	3	M
Nursery, Retail		P	P			C	C	C	C	1 per 500 sq. ft.	3	M
Retail Sales (entirely within an enclosed building)	P*	P*	P*							1 per 300 sq. ft.	3	M
Retail Sales, Outdoor (primarily outside of an enclosed building)	P*	P*	P*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	3	M
Shopping Center		P*	P*							1 per 200 sq. ft.	3	
Sexually-Oriented Business (bookstore, motion picture, nightclub)	C*									1 per 300 sq. ft.	4	
Vehicle Services												
Automobile Repair Facility	P*	P*	P*	C*		C*	C*	C*	C*	3 per bay + 1 per employee	3	S
Car Wash	P*	P*	P*	C*		C*	C*	C*	C*	1 per employee + 1 per 200 sq. ft.	3	
Parking Lot	P	P	P	P							3	
Reposition Storage Facility (reput lot)	P*	C*	C*							1 per 200 sq. ft.	4	
Vehicle Sales, Leasing, & Rental		C*	P*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	3	B
Exciting Industrial Uses Applying for Permits to Expand												
Alternative Energy			C			C	C	C		As required by underlying use	4	
Ethanol Diesel & Biofuel Production	C*	C*								1 per 2 employees (largest shift)	4	II
Solar Energy Facility	P*	P*				C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
Wind Energy Facility	P*	P*				C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
Manufacturing												

	IND	LI	COMM	O&I	CONS	RA-40	RA-30	RA-20R	RA-20M	PARKING	USE GROUP LIVBL	BUILDING CODE CLASS
Manufacturing, Fertilizer	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	H
Manufacturing, General	P*	C*								1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Manufacturing, Light	P*	P*	P*	P*						1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Warehousing & Freight Handling												
Assembling, Processing Industries, Wholesale, & Warehouse	P*	C*	C*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Distribution Center	P*	C*	C*							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	S
Storage, Recreational Vehicle & Travel Trailer						P*	P*	P*	P*	see Office, if applicable	3	
Storage, Self Mini-Warehouse	P*	P*	P*				C*	C*	C*	see Office, if applicable	3	S
Wholesale Trade												
Wholesale Storage of Gasoline or Bulk Terminal Plants	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	II-3
Waste Related												
Recycling Collection Centers (unattended)	P*	P*	P*	P*		P*	P*	P*	P*	1 per unit	1	
Recycling Collection Centers & Solid Waste Container Sites (attended)	P	P					C	C	C	1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Recycling Plant	P	C	C							1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Solid Waste Disposal	C*	C*	C*			C*	C*	C*	C*	1 per 2 employees (largest shift)	4	
Public Utility Structures & Facilities												
Privately Owned Public Utility Structures & Facilities	P*	P*	P*	P*	P*	C*	C*	C*	C*	1 per 2 employees, if applicable	3	U
Publicly Owned Utility Structures & Facilities	P*	P*	P*	P*	P*	P*	P*	P*	P*	1 per 2 employees, if applicable	3	U
Temporary Structures												
Modular Classroom	P*	P*	P*	P*		P*	P*	P*	P*			II
Nonresidential Building, Temporary	P*	P*	P*	P*	P*	P*	P*	P*	P*			
Portable Food Sales		P*	P*	P*								
Residence, Temporary						P*	P*	P*	P*	2 per dwelling unit	1	
Roadside Stands						P*	P*	P*	P*		1	
Season Sales			P*			P*	P*	P*	P*		1	
Temporary Events	P*	P*	P*	P*		P*	P*	P*	P*		1	
Turkey Shoot, Temporary/Seasonal	C*	C*	C*	C*		C*	C*	C*	C*	1 per firing point	1	
Yard Sale						P*	P*	P*	P*		1	
Other Structures												
Airports & Related Uses	P*	C*	C*	C*						1 per 300 sq. ft.	4	U
Comm. Towers: Microwave, TV, Telephone, Radio, & Cellular	C*	C*	C*	C*		C*	C*	C*	C*		4	U
Junkyards	C*									1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Manufactured Home Parks									C*	2 per dwelling unit	3	
Mining Activities	C*	C*	C*			C*	C*	C*	C*	1 per 2 employees (largest shift) OR 1 per 500 sq. ft.	4	
Outdoor advertising signs			P									
Planned Unit Development	C*	C*	C*			C*	C*	C*	C*	As required by underlying use	3	

FEMA Flood Map

Dunn Erwin Landfill Transfer Station - FLOOD MAP



- Major Chms
 - Benchmarks
 - DTM Grid
 - Rivers and Streams
 - Transects (Crossit)
 - County Boundaries
 - Coastal Barrier Resource Systems
- Roads
 - NC Highway
 - US Highway
 - Interstate Highway
 - Political Areas
 - Subdivision Associations
 - Coastal Sound
- 100yr Flooding - Freeway (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

ACOE Wetlands Documentation

U.S. ARMY CORPS OF ENGINEERS
WILMINGTON DISTRICT

Action Id. 200902144

County: Harnett

U.S.G.S. Quad: Erwin

PN: 3007A
PN: 3002B
"DELFT Wetlands
Jurisdictional
Determination"

NOTIFICATION OF JURISDICTIONAL DETERMINATION

Property Owner/Agent: Harnett County Public Utilities

Address: Attn: Steve Ward
388 West Duncan St
Lillington, NC 27546

Telephone No.: 910-873-7836

Property description:

Size (acres) 27.32

Nearest Waterway Stewart's Creek

USGS HUC 03030004

Nearest Town Erwin

River Basin Cape Fear

Coordinates N 35.36321 W -78.65029

Location description The Erwin-Dunn landfill is located south of Daniels Rd, approximately 0.5 miles south of the intersection of Daniels Rd and Turlington Rd in Erwin, Harnett County, North Carolina. The project area includes the northern and western portions of the track and is shown on the attached map.

Indicate Which of the Following Apply:

A. Preliminary Determination

- Based on preliminary information, there may be wetlands on the above described property. We strongly suggest you have this property inspected to determine the extent of Department of the Army (DA) jurisdiction. To be considered final, a jurisdictional determination must be verified by the Corps. This preliminary determination is not an appealable action under the Regulatory Program Administrative Appeal Process (Reference 33 CFR Part 331).

B. Approved Determination

- There are Navigable Waters of the United States within the above described property subject to the permit requirements of Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.
- There are waters of the U.S. on the above described project area subject to the permit requirements of Section 404 of the Clean Water Act (CWA)(33 USC § 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.
- We strongly suggest you have the wetlands on your property delineated. Due to the size of your property and/or our present workload, the Corps may not be able to accomplish this wetland delineation in a timely manner. For a more timely delineation, you may wish to obtain a consultant. To be considered final, any delineation must be verified by the Corps.
- The waters of the U.S. on your project area have been delineated and the delineation has been verified by the Corps. We strongly suggest you have this delineation surveyed. Upon completion, this survey should be reviewed and verified by the Corps. Once verified, this survey will provide an accurate depiction of all areas subject to CWA jurisdiction on your property which, provided there is no change in the law or our published regulations, may be relied upon for a period not to exceed five years.
- The wetlands have been delineated and surveyed and are accurately depicted on the plat signed by the Corps Regulatory Official identified below on _____. Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.
- There are no waters of the U.S., to include wetlands, present on the above described property which are subject to the permit requirements of Section 404 of the Clean Water Act (33 USC 1344). Unless there is a change in the law or our published regulations, this determination may be relied upon for a period not to exceed five years from the date of this notification.

Action ID: 2009-02144

- The property is located in one of the 20 Coastal Counties subject to regulation under the Coastal Area Management Act (CAMA). You should contact the Division of Coastal Management in Washington, NC, at (252) 946-6481 to determine their requirements.

Placement of dredged or fill material within waters of the US and/or wetlands without a Department of the Army permit may constitute a violation of Section 301 of the Clean Water Act (33 USC § 1311). If you have any questions regarding this determination and/or the Corps regulatory program, please contact Crystal Amschler at 210-251-4170.

C. Basis For Determination

Wetlands were determined using the Corps 1987 delineation manual and the Atlantic and Gulf Coastal Plain Region Supplement.

D. Remarks

E. Attention USDA Program Participants

This delineation/determination has been conducted to identify the limits of Corps' Clean Water Act jurisdiction for the particular site identified in this request. The delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

F. Appeals Information (This information applies only to approved jurisdictional determinations as indicated in B. above)

This correspondence constitutes an approved jurisdictional determination for the above described site. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR part 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and request for appeal (RFA) form. If you request to appeal this determination you must submit a completed RFA form to the following address:

District Engineer, Wilmington Regulatory Division
Attn: Crystal Amschler, Project Manager,
Wilmington Regulatory Field Office
69 Darlington Ave
Wilmington, North Carolina 28403

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR part 331.5, and that it has been received by the District Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by 4/20/2010.

****It is not necessary to submit an RFA form to the District Office if you do not object to the determination in this correspondence.****

Corps Regulatory Official: _____



Date 02/19/2010

Expiration Date 02/19/2015

The Wilmington District is committed to providing the highest level of support to the public. To help us ensure we continue to do so, please complete the Customer Satisfaction Survey located at our website at <http://per2.nwp.usace.army.mil/survey.html> to complete the survey online.

Copy furnished:
Wetland Solutions
Attn: Adam Carter
PO Box 244
Bunnlevel, NC 28323

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Harnett County Public Utilities	File Number: 200902144	Date: 2/19/2010
Attached is:		
<input type="checkbox"/> INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	See Section below	
<input type="checkbox"/> PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
<input type="checkbox"/> PERMIT DENIAL	B	
<input checked="" type="checkbox"/> APPROVED JURISDICTIONAL DETERMINATION	C	
<input type="checkbox"/> PRELIMINARY JURISDICTIONAL DETERMINATION	D	
	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.usace.army.mil/inet/functions/cw/cecwo/reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the district engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:
District Engineer, Wilmington Regulatory Division
Attn Crystal Amschler, Project Manager,
Wilmington Regulatory Field Office
69 Darlington Ave
Wilmington, North Carolina 28403

If you only have questions regarding the appeal process you may also contact:
Mr. Mike Bell, Administrative Appeal Review Officer
CESAD-ET-CO-R
U.S. Army Corps of Engineers, South Atlantic Division
60 Forsyth Street, Room 9M15
Atlanta, Georgia 30303-8801

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent. _____	Date: _____	Telephone number: _____
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For appeals on Initial Proffered Permits and approved Jurisdictional Determinations send this form to:

District Engineer, Wilmington Regulatory Division, Attn: Crystal Amschler, Project Manager,
Wilmington Regulatory Field Office, 69 Darlington Ave, Wilmington, North Carolina 28403

For Permit denials and Proffered Permits send this form to:

Division Engineer, Commander, U.S. Army Engineer Division, South Atlantic, Attn: Mr. Mike Bell,
Administrative Appeal Officer, CESAD-ET-CO-R, 60 Forsyth Street, Room 9M15, Atlanta,
Georgia 30303-8801



2009-02144

Project area

Tunington Rd

NC-55

Clayton Rd

NC-55

Prospect Church Rd

Wells Ln

Erosion & Sedimentation Control Plan Approval Letter



North Carolina Department of Environment and Natural Resources
 Division of Land Resources
 Land Quality Section

James D. Simons, PG, PE
 Director and State Geologist

Beverly Eaves Perdue, Governor
 Dee Freeman, Secretary

December 31, 2009

LETTER OF APPROVAL

County of Harnett
 Attn: Scott T. Sauer, Manager
 P.O. Box 940
 Lillington, NC 27546-

RECEIVED
 Jan 5, 2010
 HARNETT COUNTY
 MANAGER'S OFFICE

RE: Project Name: Dunn-Erwin Landfill Corrective Action Plan Acres Approved: 10
 Project ID: HARNE-2010-047
 County: Harnett Grove Daniels Road
 River Basin: Cape Fear Stream Classification: Other
 Submitted By: C T Clayton, Sr., P.E., Inc.
 Date Received by LQS: 12/7/2009
 Plan Type: New

Dear Mr. Sauer:

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable and hereby issue this Letter of Approval. The enclosed Certificate of Approval must be posted at the job site. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

Title 15A NCAC 4B .0118(a) requires that a copy of the approved erosion control plan be on file at the job site. Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to insure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Letter of Approval
County of Harnett
December 31, 2009
Page 2 of 3

The developer is responsible for obtaining any and all permits and approvals necessary for the development of this project prior to the commencement of this land disturbing activity. This could include agencies such as the Division of Water Quality's stormwater regulations, their enforcement requirements within Section 401 of the Clean Water Act, the Environmental Protection Agency and/or the U.S. Army Corps of Engineers' jurisdiction of Section 404 of the Clean Water Act, the Division of Solid Waste Management's landfill regulations, local County or Municipalities' ordinances, or others that may be required. This approval cannot supersede any other permit or approval; however, in the case of a Cease and Desist Order from the Corps of Engineers, that Order would only apply to wetland areas. All upland areas would still have to be in compliance with the N.C. Sedimentation Pollution Control Act.

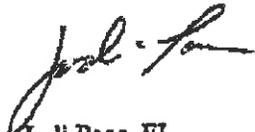
If any area on site falls within the jurisdiction of Section 401 or 404 of the Clean Water Act, the developer is responsible for compliance with the requirements of the Division of Water Quality, the Corps of Engineers and the Environmental Protection Agency (EPA) respectively. Any erosion control measures that fall within jurisdictional wetland areas must be approved by the aforementioned agencies prior to installation. The Land Quality Section must be notified of a relocation of the measures in question to the transition point between the wetlands and the uplands to assure that the migration of sediment will not occur. If that relocation presents a problem or contradicts any requirements of either DWQ, the Corps, or the EPA, it is the responsibility of the developer to inform the Land Quality Section regional office so that an adequate contingency plan can be made to assure sufficient erosion control remains on site. Failure to do so will be considered a violation of this approval.

Please be aware that your project will be covered by the enclosed NPDES General Stormwater Permit NCGO1000 (Construction Activities). You should first become familiar with all of the requirements for compliance with the enclosed general permit.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. In addition, it would be helpful if you notify this office of the proposed starting date for this project. Please notify us if you plan to have a preconstruction conference.

Your cooperation is appreciated.

Sincerely,



Jodi Pace, EI
Land Quality Section

Fire Occurrence Notification Form

**SOLID WASTE MANAGEMENT FACILITY
FIRE OCCURRENCE NOTIFICATION
NC DENR Division of Waste Management
Solid Waste Section**



Notify the Section verbally within 24 hours and submit written notification within 15 days of the occurrence.
(If additional space is needed, use back of this form.)

NAME OF FACILITY: _____ PERMIT # _____

DATE AND TIME OF FIRE: _____ @ _____

HOW WAS THE FIRE REPORTED AND BY WHOM:

LIST ACTIONS TAKEN:

WHAT WAS THE CAUSE OF THE FIRE:

DESCRIBE AREA, TYPE, AND AMOUNT OF WASTE INVOLVED:

WHAT COULD HAVE BEEN DONE TO PREVENT THIS FIRE:

DESCRIBE PLAN OF ACTIONS TO PREVENT FUTURE INCIDENTS:

NAME: _____ TITLE: _____ DATE: _____

**THIS SECTION TO BE COMPLETED BY SOLID WASTE SECTION REGIONAL STAFF
DATE RECEIVED _____**

List any factors not listed that might have contributed to the fire or that might prevent occurrence of future fires:

FOLLOW-UP REQUIRED:
 NO PHONE CALL SUBMITTAL MEETING RETURN VISIT BY: _____ /DATE: _____

ACTIONS TAKEN OR REQUIRED:

Form W-29

Emergency Contacts

**HAZARDOUS CHEMICALS EMERGENCY
AND INFORMATION PHONE NUMBERS**

YOUR LOCAL COMMUNITY EMERGENCY COORDINATOR (For any chemical emergency this should be your first phone call)	893-7580
N.C. DEPARTMENT OF EMERGENCY MANAGEMENT*	919-733-3867
NATIONAL RESPONSE CENTER (For CERCLA List chemical spills/ transportation emergencies)	1-800-424-8802
STATE WARNING POINT (NON-BUSINESS HOURS)*	1-800-662-7956

NC DIVISION OF ENVIRONMENTAL MANAGEMENT* (For oil and hazardous substance spills)	919-733-5291
PESTICIDE EMERGENCY REACTION TEAM* (To report pesticide spills, fires N.C. Dept. of Agriculture)	919-733-3556
POISON CONTROL CENTER (Charlotte 24-hour service)	1-800-222-1222
CHEMTREC (24 hour chemical emergency information service)	1-800-424-9300
OCCUPATIONAL SAFETY AND HEALTH DIVISION, N.C. DEPARTMENT OF LABOR (To report a work-related fatality or catastrophe)	919-733-4564
RADIATION PROTECTION	919-571-4141

INFORMATION NUMBERS

SARA TITLE III, HAZARD COMMUNICATION, RIGHT TO KNOW

LOCAL EMERGENCY PLANNING COMMITTEE	893-7580
N.C. EMERGENCY REPOSEN COMMISSION (Information on SARA Title III)	1-800-451-1403
SARA TITLE III HOTLINE (EPA), WASHINGTON, D.C. (For free SARA Title III reprints)	1-800-535-0202
SAFETY AND HEALTH STANDARDS; Community Right to Know OSH Division, NC Dept. of Labor	919-733-2486
NC DEPARTMENT OF LABOR HELP LINE	1-800-522-6762
HAZARDOUS WASTE SECTION, SOLID WASTE MANAGEMENT DIVISION, NC DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES	919-733-2178
UNDERGROUND STORAGE TANKS, DIVISION OF ENVIRONMENTAL MANAGEMENT, NC DEPT. OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES	919-733-8486
SOUTHEAST WASTE EXCHANGE, UNC-CHARLOTTE INFROMATION ON INDUSTRIAL WASTE RECYCLING	704-547-2307

****STATE EOC

1-800-858-0368

LOCAL CLEAN-UP COMPANIES

NOTE: COUNTY OFFICIALS CANNOT RECOMMEND PRIVATE VENDORS OR SERVICES; HOWEVER, A PARTIAL LIST OF CLEAN-UP CONTRACTORS OPERATING IN THE AREA IS PROVIDED BELOW. OTHER SPECIALIZED CLEAN-UP COMPANIES ARE AVAILABLE UPON REQUEST. HARNETT COUNTY EMERGENCY SERVICES DOES NOT REGULATE OR PARTICIPATE IN COST/FEE NEGOTIATIONS FOR CLEAN UP OPERATIONS. PERSON/PERSONS RESPONSIBLE FOR THE SPILL IS RESPONSIBLE FOR THE COST AND CONTACT OF A CLEAN UP CREW.

COMPANY NAME	CONTACT NUMBERS
J.L. SCOTT TRUCKING AND ENVIRONMENTAL SERVICE, INC. 1075 Horse Shoe Bend Rd Erwin, NC 28339 **CERTIFIED HAZARDOUS TECHNICIANS PUMPING OUT OF TANKS, TANK REMOVAL, OIL AND GASOLINE SPILLS, GENERAL CLEAN UP, TO INCLUDE AGRICULTURAL PRODUCTS AND ANY OTHER TYPE SPILL.	CONTACT PERSON: LARRY SCOTT 910-678-0524: BUISNESS 910-897-5010: HOME 910-8977010: FAX 910-306-8618: PAGER 910-678-0524: PHONE 910-308-3620: MOBILE 24 HOUR SERVICE
BERRY'S CLEAN UP & LANDSCAPING NURSERY 8859 Ramsey St LINDEN, NC 28356 **HYDROCARBON, TANK REMOVAL, OIL AND GASOLINE SPILLS, GENERAL CLEAN UP, TO INCLUDE, AGRICULTURAL PRODUCTS.	24 HOUR 910-488-7106: FAX CONTACT PERSON: JAMES H. BERRY
FAYETTVILLE WASTE & OIL SERVICE 3034 H Clark Rd FAYETTVILLE, NC 28306 **PROVIDES CLEAN UP OF CONTAINED OIL SPILLS AND PUMPS OUT FUEL & OIL TANKS.	910-485-4805 CONTACT: BILL HAYNER 24 HOUR SERVICE
301 ENVIROMENTAL CLEAN-UP, INC. 4800 Front St Stedman NC 28391 **HYRDOCARBON SPILLS AND CONTAINMENT.	910-483-8873 Business 910-624-0001 Clay's Cell 910-237-3523 Chhip's Cell HAZ-MAT TECH'S: CLAY MCDONALD CHIP HUMPHREY

<p><u>SUPERIOR LOT CLEARING, INC.</u> 3757 CLINTON RD. FAYETTEVILLE, NC 28301 **OIL SPILL CLEAN UP SERVICE (CONTACT- JAMES AVERITTE)</p>	<p>910-423-1301-24 HOURS 910-624-1845-M 910-483-0100-BUSINESS</p>
<p>CONTAMINANT CONTROL 438-C ROBESON ST FAYETTEVILLE, NC 28301</p> <p>**ENVIRONMENTAL REMEDIATION, HAZARDOUS WASTE MANAGEMENT, SOIL REMEDICATION, EMERGENCY RESPONSE, SURFACE IMPOUNDMENTS/LAGOONS/ LANDFILLS, ABATEMENT SERVICES, STORAGE TANKS, LEAD, FACILITIES, INDUSTRIAL MAINTENANCE.</p>	<p>CONTACT PERSON-Jeff Wright: 910-988-6816 (FAYETTEVILLE) 910-484-7000 Business 910-484-4978-FAX 1-888-624-6555 24 Hr</p>
<p>NOBLE OIL SERVICE 5617 CLYDE-RHYNE DR. SANFORD, NC 27330 **PRIMARILY HYDROCARBON TYPE FUEL SPILL, CAN HANDLE ANY TYPE HAZARDOUS MATERIALS SPILL IN ANY SITUATION.</p>	<p>919-774-8180 1-800-662-5364 919-775-2976-NIGHT 919-775-7732-FAX</p>
<p>SAFETY-KLEEN, INC. 125 Summerville Park rd. RALEIGH, NC 27603 **WASTE OIL AND HAZMAT COLLECTION</p>	<p>1-800-669-5970 919-772-6622 24 HOUR SERVICE 919-625-1370 Richard Eicher</p>
<p>S AND ME, INC. 3201 SPRING FOREST RD. RALEIGH, NC 27604 **PROVIDES OIL AND HAZARDOUS MATERIAL SPILLS CLEAN-UP SERVICE.</p>	<p>919-872-2660</p>

<p align="center"><u>SPECTRUM ENVIRONMENTAL</u> P.O. BOX 97213 RALEIGH, NC 27624 **PRIMARILY HYDROCARBON TYPE FUEL SPILLS.</p>	919-676-0101 919-669-2966 CELL Michael 919-848-2178 FAX
<p align="center"><u>HEPACO</u> 310 Travis Park Dr Cary NC 27511</p>	919-719-1603 Raleigh 919-719-1603 Cary 919-719-1609-FAX www.imsenv.com rmay@imsenv.com
<p align="center"><u>SHAW ENVIRONMENTAL</u> 11560 Gray Oaks Way Suite 500 Alpharetta GA 30022-2424 **OIL AND HAZARDOUS MATERIAL SPILLS <u>ANYWHERE IN NC</u></p>	1-800-537-9540 24/7 770-475-8994 770-777-9545
<p align="center"><u>BIG JOHN'S TOWING</u> 1320 CAMDEN RD. DURHAM, NC 27701</p>	919-682-2469 24/7 1-800-863-0243 24/7
<p>ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS, INC. P.O. BOX 902 207 WEST FOURTH AVENUE RED SPRINGS, NC 28377 www.environmentalnc.com</p>	CONTACT PERSONS: THOMAS AMMONS- 910-843-4456-OFFICE 24 hr 910-850-4299 Cell 910-843-5376-FAX OTHER CONTACTS: John Ammons -910-734-6653
<p>H.M.H.T.T.C. Greensboro, NC **HAZARDOUS MATERIALS EMERGENCY RESPONSE WEB PAGE- WWW.4HAZMAT.COM</p>	ASSISTANT REGIONAL MANAGER 336-973-770-6900 336-834-3399-FAX 1-800-927-9303-24 E.R. DISPATCH
<p align="center"><u>VEOLIA ENVIRONMENTAL SERVICES</u> 2176 WILL SUITT RD. CREEDMORE, NC 27522 **LONG TERM CLEAN-UP OPERATIONS</p>	215-289-3700 919-528-4020-FAX 1-800-322-8350- 24 HOUR
<p>Chase Environmental Incorporated Emergency & Disaster Response PO Box 477 Erwin NC 28339</p>	Contact Dale McLean 910-897-7157 – P 910-897-7191 – Fax 877-752-4273 (24 Hour Reponse)

PROTECT ENVIRONMENTAL SERVICES, LLC Emergency HAZMAT response/Bio-Hazard Response/Remediation 7104 Sandy Pines Drive Youngsville NC 27596	919-524-2005 Office 919-556-2508 Fax www.weprotect.us
C Store Services INC 7129 Hidden Valley Trail Garner, NC 27529 They are cleanup Co. for Short Stop Stations	919-380-6385 Repairs 919-662-0798 info@c-storeservices.com www.c-storeservices.com
Eastern Environmental Management PO Box 4030 Rocky Mount NC 27803	Office (24/7):252-443-2224 Fax: 252-972-9940 www.eastern-environmental.com Hugh Byrd 252 955 1193 Cleveland trailer

CRIME SCENE CLEANUP

Crime Scene Cleanup, Raleigh NC Todd Basset PO Box 58027 Raleigh NC 27658	919-755-1805 24 Hour Response 919-661-0722 Crime Scenes Number answered as pest control they do both.
Carolina Crime Scene Recovery	336-870-0122/336-870-0341 www.carolinacrimescene.com

HAZARDOUS WASTE SERVICES
Provided by DENR

<u>NAME AND ADDRESS</u>	<u>SERVICES PROVIDED</u>
AGRA ENVIRONMENTAL 1517 Old Apex Rd Cary, NC 27513 919-858-5350	The management of hazardous waste and materials, waste characterization, lab packing, waste disposal, RCRA permitting, and remediation. Agra can find an integrated approach to solutions in compliance planning, environmental investigations, corrective actions, remedial designs and implementation.
ASHLAND CHEMICAL COMPANY/ ENVIRONMENTAL SERVICE GROUP 3930 Glennwood Drive Charlotte, NC 28208 1-800-637-7922-P	Hazardous waste disposal. Charlotte Facility 800-531-7106 Chem Emergency 800-ASHLAND
CWM RESOURCE MANAGEMENT, INC. 5371 Cook Rd. Morrow, GA 30260 404-361-6181 1-800-637-7922 (24 hours)	Blending and processing of organic liquids, sludges, and solids for the production of a waste derived fuel for resource recovery. Solidification and chemical fixation of inorganic and certain organic wastes.
DON THOMAS CONSTRUCTION & TRUCKING, INC. 3551 Carthage Rd. West End, NC 27376 910-673-6651 (24 hours)	Contact: Don Thomas Small to medium oil spills.
D.R. PHILLIPS CONTRACTING CO. PO Box 1689 Robbinsville, NC 28771 704-479-6426	
EARTH RESOURCES CORP. (ERC) 1227 Marshall Farms Road Ocoee, FL 34761 407-877-0877-P 407-877-3622-F	Sampling identification, recontainerization, on-site treatment and off-site disposal.

<p>EARTH TECH, INC. 311-J South Westgate Drive Greensboro, NC 27407 336-299-9998-P</p>	<p>Underground storage tank removals, treatment and disposal of contaminated soils, preparation of State trust fund reimbursement packages, remediation of hazardous waste sites, comprehensive site assessments, remediation of groundwater contamination, environmental audits, obtaining permits and approvals, preparing governmental reports, air emissions work sampling and analysis work and professional services.</p>
<p>ECOFLO 2750 Patterson St. Greensboro, NC 27407 910-855-7925</p>	<p>On-site handling, transportation, treatment or disposal, lab pack services, PCB destruction, spill response, waste characterization, compliance audits and consulting, lagoon replacement. Fuel blending water/organic as only waste.</p>
<p>ENVIRITE CORPORATION 1600 Pennsylvania Avenue York, PA 17404 717-846-1900 215 Raines Rd Blythewood, SC 29016 803-691-6537, Sales Only 1-800-584-6106-Message Center</p>	<p>Treatment to delist hazardous liquid and solid inorganic waste, in accordance with permanent delisting of treatment residues granted by US EPA on Nov. 6, 1966. Cost specific to treatment required. Qualified samples required. Transportation of acceptable liquid and solid waste to Envirite.</p>
<p>ENVIRO-CHEM ENVIRONMENTAL SERVICES, INC. 1005 Investment Blvd. Apex, NC 27502 919-362-9010</p>	<p>Waste analysis transportation, technical services, on-site treatment, consolidation, resources recovery, neutralization, high temperature incineration, secure landfill, abandoned site clean up, spill response, industrial clean.</p>
<p>FERGUSON-HARBOUR, INC. (FHI) 340 Rockland Road Hendersonville, TN 37075 1-800-235-1344 615-264-2435-F</p>	<p>Emergency response facility Decontamination, facility desmantlement/demolition, industrial maintenance, storage tank management, water treatment, groundwater remediation, soil remediation, hazardous waste site remediation, transportation and disposal services, technical services and personnel training.</p>
<p>FOUR SEASONS INDUSTRIAL SERVICES P.O. Box 16590 Greensboro, NC 27416 336-273-2718 (24 hours)</p>	<p>Oil and hazardous materials spill, LUSTS. Phase I and II site assessments.</p>

<p>HAZCOM, INC. 31 College Place 306D Asheville, NC 28801 828-258-9919</p>	<p>Site evaluations, projects management, health physics, safety plans, 1910.120 training, lab pack, analytical services, environmental site assessments, chemical inventory management, industrial hygiene services.</p>
<p>HERITAGE ENVIRONMENTAL SERVICES, INC. 4132 Pompano Rd. Charlotte, NC 28216 704-392-6276</p>	<p>Environmental laboratory services, hazardous/nonhazardous waste treatment and disposal, site remediation and emergency response.</p>
<p>IT CORPORATION Rt. 224 Finely, Ohio Morrow, GA 30260 1-800-537-9540 (24 hours)</p>	<p>Blending and processing of organic liquids, sludge's, and solids for the production of a waste derived fuel for resource recovery. Solidification and chemical fixation of inorganic and certain organic wastes. Permit Status: Part B Permit achieved. Transportation: Can be arrganed as part of the service.</p>
<p>MEMS 2908 Seashore Point Virginia Beach, VA 23454 757-486-6367</p>	<p>Dispose and treat gas cylinders and explosives, RCRA and DOT packaging for disposal.</p>
<p>MKC ENTERPRISES, INC. 5856 New Peachtree Road Atlanta, GA 30340 770-457-1341</p>	<p>Chemical waste management disposal and turnkey services.</p>
<p>SAFETY KLEEN CORPORATION P.O. Box 485 Garner, NC 27529 919-772-6622</p>	<p>Rent parts and cleaners to industry, garages, and dealerships. Provide bulk solvents, and pick up for recycling. Pick up cartridge filters and waste from dry cleaners. Used oil filter, waste oil and antifreeze collection. Other Locations: Chesapeake, VA; St. Pauls; High Point NC; Charlotte, NC; Greenville, SC; Bristol, TN</p>

MIXED WASTE

NAME AND LOCATION	SERVICES
DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 Gallaher Road Kingston, TN 37763 Contact: Andrew Rosenman 423-376-0084 423-376-0087-Fax	Incineration (treatment)
PERMA-FIX 1940 N. W. 67 th Place Gainesville, FL 32653 352-373-6066 Contact: Raymond Whittle	Mixed waste, scintillation vials

LANDFILLS

WASTE CONTROL SPECIALISTS

9998 West High 176
Andrews, TX 79714
1-888-789-2783

PINEWOOD
Columbia, SC
803-933-4926

APPROVED CONTAMINATED SOIL SITES
FOR CLASS I AND CLASS II - Petroleum Based Products

Carlisle Farms - 910-567-6138

Fax: 910-567-2891

1555 Holland Rd.

Autryville, N.C. 28318

(also has clean-up service)

Oakhill Farms - 910-531-3800

Owner: Tom Herring

Rt. 2, Box 215-A

PO Box 220

Autryville, N.C. 28318

(also has clean-up service)

McGill Environmental Systems - 910-532-2539

Fax: 910-532-2542

Owner: Noel Lyons

1100 Herring Rd

Rosehill, N.C. 28458

(clean-up service)

Routine Inspection Forms

HARNETT COUNTY LANDFILL DAILY/WEEKLY CHECK LIST

Inspector: _____
 Inspection Dates: / / 20 to / / 20

Daily Inspection Items for Active Cells	Facility: _____						
	Mon	Tue	Wed	Thu	Fri	Sat	ACLF Active LCID <input type="checkbox"/> Active C&D <input type="checkbox"/> Closed MSW/C&D (Weekly) COMMENTS/NOTES <small>(utilize back of form for more description as necessary)</small>
DAILY OPERATION REQUIREMENTS							
Trucks using designated roads/approved parking areas per permit							
Operations conducted during permitted operating hours							
Access controlled per plan							
Access road(s) maintained (erosion, dust, litter, mud, etc) per plan							
Vehicles directed promptly to unloading area							
Vehicles promptly unloaded							
Inspection procedures implemented for prohibited wastes per plan							
No unapproved wastes							
Solid waste spread and compacted into layers per plan							
No waste <15 ft. from edge of liner, berm, edge marked, etc.							
Procedures followed for special handling and residual wastes							
No open burning							
Vectors minimized and controlled per plan							
Odors minimized and controlled per plan							
Other nuisances minimized and controlled per plan							
Litter minimized and controlled per plan							
Approved weekly cover placed							
Vegetation established and maintained per plan							
Surface and groundwater pollution discharges prevented/controlled							
Soil and erosion control BMPs are maintained per plan							
Leachate popouts detected							
Leachate popouts repaired							
Flow from leachate management system monitored daily							
Leachate management facilities operated and maintained							
Landfill gas controlled per plan/ LFG Flare Operational							
Daily operational records being made and maintained							
Salvaged materials are stored in an approved area							
Recyclable materials collection center maintained							
No immediate threats to public health and safety							
Daily & Weekly Inspection Items - All Cells							

Inspector Signature: _____ Date: _____

Key = Yes, No, NA (not applicable), ND (not determined) (FRONT)

HARNETT COUNTY DUNN-ERWIN LANDFILL QUARTERLY INSPECTION CHECK LIST

Inspector: _____

Quarterly Inspection Date: Jan April July October 20 ____

GROUNDWATER, GAS, & SURFACE WATER INSPECTION							
	WELL ID	Properly Locked?	ID Tag Present?	Well or Casing Damaged?	Well accessible and mowed?	Other Issue(s)?	COMMENTS/NOTES <small>(utilize back of form for more description as necessary)</small>
GROUNDWATER MONITORING WELLS	MW-1						
	MW-2						
	MW-3R						
	MW-4						
	MW-5						
	MW-6						
	MW-7B						
	MW-8						
	MW-9						
	MW-10						
	MW-11						
	MW-12						
	MW-13						
	MW-14						
	MW-15						
	MW-16						
	MW-23B						
	MW-31						
	MW-32						
	MW-33						
MW-34							
MW-35							
GEOPROBE WELLS	GP-24W						
	GP-25W						
	GP-27W						
	GP-28W						
	GP-30W						
	GP-33W						
	GP-34W						
	GP-35W						
	GP-36W						
	GP-37W						
GP-38W							
GAS WELLS	GW-1						
	GW-2						
	GW-3						
	GW-4						
	GW-5						
SURFACE WATER	SW-1						
	SW-2						
	SW-3						

Key = Yes, No, NA (not applicable), ND (not determined)
Please be sure to complete the back of the form!

Waste Screening Form

WASTE SCREENING FORM

Date/Time of Inspection _____

Inspected by _____

Source of Waste _____

Name of Hauler _____

Type of Waste _____

Net Weight of Load _____

Other Information _____

Excluded Waste	Yes	No	If Yes, How was waste handled/disposed
Hazardous Waste			
Liquid Waste			
PCB Waste			
Tires			
White Goods			
Yard Waste			
Used Motor Oil			
Anti-Freeze			
Batteries			
Aluminum Cans (Bulk)			
Other (specify):			
Wastes Requiring Special Attention			
Medical Waste			
Other (specify):			
ADDITIONAL COMMENTS:			