

Subject: A-1 Sandrock permit revision

From: "David Garrett, P.G., P.E." <david_garrett_pg@mindspring.com>

Date: Tue, 21 Feb 2006 10:03:16 -0500

To: HUGH.JERNIGAN@ncmail.net, Ed Mussler <Ed.Mussler@ncmail.net>, Tim Jewett <Tim.Jewett@ncmail.net>

CC: "Ronnie Petty" <ronniepetty@hotmail.com>

Good morning, Hugh.

I am inquiring about the status of your office's review of a plan revision for A-1 Sandrock's initial cell. We have a Permit to Construct issued February 24, 2004 (#41-17). All monitoring wells have been installed. No construction has taken place, except that approved S&EC temporary measures are in place. We are finalizing the permit (from DWQ) for a stream crossing to access the site. The purpose for the amendment is to improve our storm water management and bring the initial operations area closer to the entrance. I prepared a plan amendment request letter and associated maps back in January 2006 and submitted these documents to Ed Mussler and Tim Jewett (the documents were submitted in Raleigh). Relative to the active mine permit on this property and the S&EC plan, Division of Land Quality staff have received the same documents. All S&EC measures and grading plans relative to approved base grades and final waste elevations remain as shown in the original permit application. Only the construction sequence has changed. These changes neither compromise the performance of the facility nor pose any deleterious impact on human health or the environment.

I addressed this correspondence to you and copied the others to cordially bring you into my communications "loop". Please also be introduced to Mr. Ronnie Petty (listed as a recipient), who is handling some of the day-to-day issues on behalf of Gene Petty, the original applicant, who remains very much involved with the project. Please contact me at your earliest convenience if you have any questions or comments. I look forward to the Section's response. Thank you.

--

"When you can think of yesterday without regrets and tomorrow without fear, you're on the pathway to happiness." -- Anonymous

David Garrett, P.G., P.E.
Mobile Tel. 919-418-4375

David Garrett, P.G., P.E.

Engineering and Geology

January 24, 2006

Mr. Tim Jewett, Regional Engineer, WSRO
NC DENR Division of Waste Management, Solid Waste Section
401 Oberlin Road
Raleigh, North Carolina, 27611

**RE: Construction Phasing Revisions and
Application for Permit Reactivation
A-1 Sandrock, Inc., C&D Landfill (Permit #41-17)**

Dear Mr. Jewett:

On behalf of A-1 Sandrock, I am pleased to present revisions to the construction phasing within the original footprint. The permit to construct (issued February 2004) approved approximately 8 acres identified as Phase 1, originally located in the western third of the footprint with a north-south orientation of the long axis. Construction was delayed at the Owner's behest (ground has not been broken except for the installation of preliminary S&EC measures in late 2004), but now he is ready to move forward with the project. This letter serves as notice of my client's intent to proceed, and we desire the NC DENR Division of Waste Management to reactivate the permit.

The attached drawings depict the proposed changes to the construction phasing, which places Phase 1 in the northern third of the footprint (at the same grades and limits shown in the permit drawings), now with an east-west orientation. This change facilitates better drainage control with less initial earthwork to open the facility. Phase 1 will be divided into three stages with the initial stage located in the eastern portion of the footprint. All relevant S&EC measures shown in the original permit drawings will be installed (subject to NC DENR Division of Land Quality inspection under the active mining permit), including a diversion berm and channel along the northern perimeter and a large sedimentation basin near the northwest corner.

Please contact me at your earliest convenience (on my mobile phone) if you have any questions or comments. I will gladly meet you at the site to review present conditions or discuss the plans. I anticipate we will receive a written permit renewal, and we will provide you certification of the construction (albeit in increments) in accordance with Division requirements.

Very Truly Yours,


G. David Garrett, P.G., P.E.

cc: Ed Mussler, P.E., Permitting Branch Head, NC DENR Division of Waste Management
Gene Petty and Ron Petty, A-1 Sandrock, Inc.

APPROVED
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION
DATE 6/1/2006 BY [Signature]
Permit #41-17

41-17



2006074444

GUILFORD CO, NC FEE \$44.00

PRESENTED & RECORDED:

07-28-2006 02:13:16 PM

JEFF L. THIGPEN

REGISTER OF DEEDS

BY: MEREDITH A APPLE

DEPUTY

BK: R 6573

PG: 1017-1027



PERMIT TO CONSTRUCT

NOTE: THE SPACE ABOVE IS FOR THE REGISTER OF DEEDS USE

THIS PAGE IS PROVIDED FOR RECORDATION PURPOSES. THE ENTIRE DOCUMENT, INCLUDING THIS PAGE, SHOULD BE RECORDED IN THE GRANTOR INDEX UNDER THE NAME OF THE LANDOWNER FOR THE PARCEL OF PROPERTY LOCATED IN GUILFORD COUNTY AND SAID PROPERTY BEING OWNED BY A-1 SANDROCK (GENE PERRY) AND FURTHER IDENTIFIED BY THE DEED RECORDED IN BOOK: 4459 PAGE(S): 780 THROUGH 784.

THE PURPOSE OF THIS RECORDATION IS TO NOTIFY FUTURE BUYERS OF SAID PROPERTY THAT A LANDFILL EXISTS ON THE PROPERTY.

MAIL ORIG. TO: PERMITTING BRANCH SUPERVISOR
 DIVISION OF WASTE MANAGEMENT
 SOLID WASTE SECTION
 1646 MAIL SERVICE CENTER
 RALEIGH, NC 27699-1646

MAIL COPY TO: G. DAVID GARRETT
 5105 HARBOUR TOWNE DRIVE
 RALEIGH, NC 27604

I do hereby certify that the attached PERMIT TO CONSTRUCT is an exact and true original of PERMIT NUMBER 41-17 for the A-1 Sandrock, Inc. Construction and Demolition Debris Landfill.



Edward F. Mussler, III, P.E.
Permitting Branch Supervisor
Solid Waste Section
Division of Waste Management

North Carolina

Wake County

I, Betty Jo Stanfield, Notary Public for Wake County,

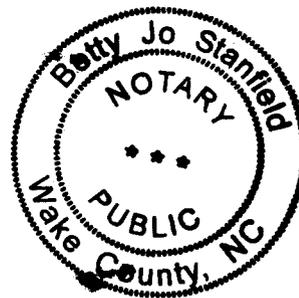
North Carolina, do hereby certify that Edward F. Mussler, III, Supervisor of the Permitting Branch, Solid Waste Section, Division of Waste Management, NCDENR, personally appeared before me this day and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal,

This the -1- day of June, 2006.

OFFICIAL SEAL

Betty Jo Stanfield
NOTARY PUBLIC



My commission expires December 29, 2009.

Note to Register of Deeds: This certified original permit shall be recorded by the Register of Deeds and indexed in the grantor index under the name of the land owner. The certified original affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Permitting Branch Supervisor, Division of Waste Management, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.



Facility Permit No: 41-17
Part 1-Permit to Construct
A-1 Sandrock, Inc. C&D Landfill Phase 1
Date Original Issue: February 7, 2004
Modification No.1 (Phasing): June 1, 2006
Page 1 of 5

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Dexter R. Matthews, Director
Division of Waste Management
Michael F. Easley, Governor
William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

**SOLID WASTE LANDFILL
FACILITY PERMIT**

A-1 Sandrock, Inc.

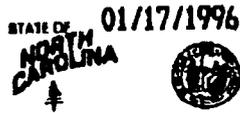
is hereby issued a **PERMIT TO CONSTRUCT** a
CONSTRUCTION AND DEMOLITION LANDFILL, Phase I

Located at 2132 Bishop Road (SR 1116) between the intersections of Bishop Road with Groomtown Road and Viewmont Road, south of the City of Greensboro, in the Sumner Township, Guilford County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated there under and subject to the conditions set forth in this permit. The facility is located and described by the construction plan submitted, the permit application narrative, and the attached property deed.

Edward F. Mussler III
CN = Edward F. Mussler III,
C = US, O = Division of
Waste Management, OU =
Solid Waste Section
I have reviewed this
document and I am
approving this document
2006.06.01 16:07:55 -04'00'

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Permitting Branch
Solid Waste Section

SITE ADDRESS:
2091 BISHOP ROAD



419.00
Real Estate
Excise Tax
Guilford County

Excise Tax 419.00

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No.
Verified by County on the day of
by

Mail after recording to

This instrument was prepared by H. CHRISTOPHER SEARS

Brief description for the Index
6826

1/2

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 16TH day of JANUARY, 1996, by and between

GRANTOR

GRANTEE

GREENSBORO CEREBRAL PALSY ASSOCIATION, INC.
A N. C. NON-PROFIT CORPORATION WITH
PRINCIPAL OFFICE IN GREENSBORO, NC

RONALD E. PETTY
AND WIFE,
BETTY B. PETTY

% 2132 Bishop Rd
Greensboro NC 27406

000198

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

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

WITNESSETH, that the Grantor, for A valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of SUMNER Township,

GUILFORD County, North Carolina and more particularly described as follows:

SEE EXHIBIT A

North Carolina - Guilford County

The certificate (s) of
Olivia J. Good

018976

RECORDED
KATHERINE LEE PAYNE
REGISTER OF DEEDS
GUILFORD COUNTY, NC

01/17/1996
DEEDS
REGISTER OF DEEDS
EXCISE TAX STAMP

318976

06.00
12.00
14.00

A Notary (Notarica) Public is (are) certified to be correct. This instrument and this certificate are duly registered at the date and time shown herein.

BOOK: 4378
PAGE(S): 01-29 TO 0200

KATHERINE LEE PAYNE, REGISTER OF DEEDS
Katherine Lee Payne
Notary/Deputy Register of Deeds

01/17/1996 11:42:54

The property hereinabove described was acquired by Grantor by instrument recorded in 4026 - 1803

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

SUBJECT TO ALL EASEMENTS, RESTRICTIONS AND RIGHTS OF WAY OF RECORD, IF ANY.

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, this day and year first above written.

GREENSBORO CEREBRAL PALSY ASSOCIATION, INC. (Corporate Name)

By: Carl M. Shover President

Attest: Dale J. Metz Asst. Secretary (Corporate Seal)

USE BLACK INK ONLY

NEAR SOURCE



NORTH CAROLINA, County.

I, a Notary Public of the County and State aforesaid, certify that

personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this day of 1996.

My commission expires: Notary Public

SEAL-STAMP

NORTH CAROLINA, GUILFORD County.

I, a Notary Public of the County and State aforesaid, certify that Dale J. Metz

IN WITNESS WHEREOF

personally came before me this day and acknowledged that he is Asst. Secretary of GREENSBORO CEREBRAL PALSY ASSOCIATION, INC.

a North Carolina corporation, and that he authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its

President, together with its corporate seal and attested by Asst. Secretary.

Witness my hand and official stamp or seal, this 16TH day of JANUARY 1996

My commission expires: 8-17-97 Olivia J. Coad Notary Public

OLIVIA J. COAD NOTARY PUBLIC GUILFORD CO., NC

The foregoing Certificate of

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

REGISTER OF DEEDS FOR COUNTY

By Deputy Assistant - Register of Deeds

EXHIBIT A

BEGINNING AT A STONE, SAID STONE BEING THE NORTHEASTERMOST CORNER OF LOT 4 OF MAP 2 OF THE MRS. W. S. BARBER SUBDIVISION, AS PER PLAT BOOK 66, PAGE 78, GUILFORD COUNTY REGISTRY, AND ALSO BEING THE SOUTHWESTERMOST CORNER OF THE PROPERTY DESCRIBED IN BOOK 3852, PAGE 2157, AND RUNNING THENCE SOUTH 04°34'46" WEST 109.78 FEET; THENCE SOUTH 49°41'35" WEST 1646.63 FEET TO A STONE; THENCE NORTH 47°37'45" WEST 247.03 FEET TO AN AXLE, BEING THE NORTHWESTERMOST CORNER OF LOT 3 OF MAP 2 OF THE SAID MRS. W. S. BARBER SUBDIVISION; THENCE NORTH 06°29'01" EAST 325.97 FEET TO AN IRON PIPE; THENCE NORTH 83°22'52" WEST 483.47 FEET TO A POINT IN HICKORY CREEK; THENCE MEANDERING WITH HICKORY CREEK NORTH 13°41'17" WEST 82.78 FEET; THENCE NORTH 17°47'30" EAST 100.05 FEET; THENCE NORTH 22°54'58" 100.72 FEET; THENCE NORTH 26°16'38" EAST 101.61 FEET; THENCE NORTH 10°21'46" EAST 50.25 FEET; THENCE NORTH 05°30'56" EAST 16.37 FEET; THENCE NORTH 20°28'44" EAST 43.13 FEET; THENCE NORTH 14°58'44" EAST 50.99 FEET; THENCE NORTH 20°34'42" EAST 50.25 FEET; THENCE NORTH 26°17'20" EAST 50.00 FEET; THENCE NORTH 20°34'42" EAST 50.25 FEET; THENCE NORTH 50°49'38" EAST 25.41 FEET; THENCE NORTH 31°35'13" EAST 56.57 FEET; THENCE NORTH 24°43'23" WEST 50.99 FEET; THENCE NORTH 15°42'13" WEST 50.04 FEET; THENCE NORTH 22°30'12" WEST 50.64 FEET; THENCE NORTH 56°52'48" EAST 38.24 FEET; THENCE NORTH 59°36'19" WEST 79.43 FEET; THENCE NORTH 11°40'03" WEST 110.16 FEET; THENCE NORTH 14°47'23" WEST 100.00 FEET; THENCE NORTH 15°22'06" WEST 99.02 FEET; THENCE NORTH 08°09'24" WEST 34.62 FEET; THENCE NORTH 47°38'19" EAST 38.44 FEET; THENCE NORTH 11°13'35" WEST 72.55 FEET; THENCE NORTH 01°42'41" EAST 69.58 FEET; THENCE NORTH 60°13'56" EAST 86.82 FEET; THENCE NORTH 24°49'49" EAST 48.33 FEET; THENCE NORTH 59°23'56" EAST 56.89 FEET; THENCE NORTH 54°12'01" EAST 57.21 FEET; THENCE NORTH 73°00'02" EAST 50.09 FEET; THENCE SOUTH 74°02'41" EAST 22.32 FEET; THENCE NORTH 45°44'04" EAST 37.22 FEET; THENCE NORTH 19°20'22" EAST 20.25 FEET; THENCE NORTH 07°30'32" EAST 80.14 FEET TO A NEW IRON PIPE IN THE SOUTHERN MARGIN OF BISHOP ROAD (SR 1116); THENCE NORTH 07°30'32" EAST 31.96 FEET TO A POINT IN THE CENTERLINE OF BISHOP ROAD; THENCE ALONG SAID CENTERLINE NORTH 78°09'29" EAST 418.81 FEET; THENCE SOUTH 81°47'32" EAST 186.52 FEET TO AN IRON PIPE; THENCE SOUTH 00°23'07" EAST 170.87 TO AN IRON PIPE, A COMMON CORNER WITH GOINS (SEE BOOK 2898, PAGE 95); THENCE SOUTH 82°52'31" EAST 995.35 FEET TO AN IRON PIPE; AND THENCE ALONG A COMMON LINE WITH D & D ASPHALT & TRUCKING, INC. SOUTH 05°48'59" WEST 876.54 FEET TO THE POINT AND PLACE OF BEGINNING, AND BEING 69.833 ACRES (AND 0.327 ACRES IN THE RIGHT OF WAY OF BISHOP ROAD), MORE OR LESS, ACCORDING TO A SURVEY BY BORUM, WADE AND ASSOCIATES, P.A., DATED JANUARY 15, 1996, AND BEING THE SAME PROPERTY CONVEYED BY SHERIFF'S DEED DATED NOVEMBER 20, 1992 RECORDED IN BOOK 4026, PAGE 1803, GUILFORD COUNTY REGISTRY.

000200

ATTACHMENT 1
Approved Documents

PART 1: GENERAL FACILITY CONDITIONS

Issuance	Date
Original Issue (PTC)(Ph.1)	February 7, 2004
Modification No.1 (Phasing sequence)	June 1, 2006

PART 2: PERMIT TO CONSTRUCT

1. *Site Application Report - Part 1 of 2, Hydrogeologic Investigation and Conceptual Plan, Construction and Demolition Debris Landfill (South Side)*. Prepared for: A-1 Sandrock, Inc. Prepared by: David Garrett, P.G., P.E. June 2002. Revised 20 August, 25 November 2002, and 6 November 2003 (Including a Drawing set Sheets 1-10).
2. *Site Application Report - Part 2 of 2, Facility Plan, Engineering and Design Hydrogeologic Report, A-1 Sandrock CDLF (South Facility), Guilford County, North Carolina*. Prepared for: A-1 Sandrock, Inc. Prepared by: David Garrett, P.G., P.E. September 2002. Revised 22 January, 12 February, and 30 March 2003 (Including a Drawing set Sheets 1-21).
3. Franchise Agreement between A-1 Sandrock, Inc. and Guilford County, North Carolina. November 6, 2003. Including Articles of Incorporation, disposal fee limits, property description, and Articles of Amendments.
4. Sediment and Erosion control plan approval from the City of High Point. February 25, 2003.
5. Letter and drawing set describing the delay in construction and a revision to the phasing and progression of construction for the C&D landfill. Prepared for: A-1 Sandrock, Inc. by David Garrett, P.G., P.E. January 24, 2006.

- End of Section -

ATTACHMENT 2 Conditions of Permit to Construct

General Facility Conditions:

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located. The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.
3. The permit is for a five year period, as per 15A NCAC 13B .0201(c) or sooner, according to the issuance date of the permit to operate. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area defined as 50 miles from the landfill as described in the Guilford County franchise agreement. Counties in the 50-mile radius include Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Guilford, Lee, Montgomery, Moore, Orange, Person, Randolph, Rockingham, Rowan, Stanly, Stokes, Surry, and Yadkin.
4. The gross facility capacity is 2,240,000 cubic yards. Gross capacity is defined as top of subgrade through the top of the final contours as identified in the approved plan, Part 2, Document 2. The landfill's disposal rate is approximately 225 tons per day or 70,200 tons per year based on six working days per week and 52 weeks per year (312 days per year). The franchise begins on November 6, 2003 and ends on November 6, 2013 (Attachment 1, Part 2, Doc. 1).
5. The approved plan for this facility is described in Attachment 1, "List of Approved Documents". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
6. This permit is not transferable
7. A copy of this permit, the approved plans, and all pertinent records and reports shall be maintained on-site at the facility and made available to the Division upon request.
8. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

9. Prior to operation of the facility and at all times of operation, the permittee shall be in compliance with all applicable lawfully adopted local ordinances.
10. Prior to construction of the Phase 1 , all piezometers, ground-water monitoring wells and borings located in the proposed cell with the exception of non-cased borings are to be properly abandoned by over-drilling and sealing each location with cement grout according to 15A NCAC 2C .0113 (b)(1), "Procedures for Permanent Abandonment of Wells." In portions of the site where soil areas are to be undercut, do not grout in the wells up to pre-grade land surface, but up to proposed base grade surface cutting off excess vertical grout and possibly damaging the grouted wells.

Construction:

11. This permit is for development of Phase I of the A-1 Sandrock, Inc C&D Landfill within the approved facility description, in accordance with the approved plans prepared by David Garrett, P.G., P.E. (revisions dated 22 January 2003, 12 February 2003, and 24 January 2006). Phase I is approximately 8.18 acres and has an estimated volume of 478,484 cubic yards of gross airspace capacity. Construction of additional phases will require written approval of the Division. Operation will be approved when documentation is submitted to the Section certifying the site is constructed according to the approved plans.
12. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
13. The following requirements shall be met prior to requesting a permit to operate this facility:
 - a. A-1 Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - c. Site inspection shall be made by a representative of the Division.
 - d. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
 - e. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction records, boring logs, and evidence that a baseline sampling has been conducted shall be submitted to the Section Hydrogeologist for review and approval prior to operation (see Monitoring and Reporting Conditions below).
 - f. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.

- g. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.

MONITORING AND REPORTING REQUIREMENTS:

14. Monitoring well design and construction, sampling methods and sampling equipment shall conform to specifications found in "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
15. The monitoring well locations for Phase I are as illustrated in the approved plans and shall be established to monitor that area.
16. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
17. Prior to the acceptance of any waste at the facility, a baseline-sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist within 30 days after the sampling event unless otherwise approved in writing.
18. Well completion records and boring logs shall be submitted to the Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
19. Each monitoring well shall be surveyed and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
20. Data shall be used to determine ground water flow directions and rates for the facility.
21. Accessible and unobstructed paths shall be cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
22. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
23. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to the Division in a timely manner.

- End of Section -



NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

June 1, 2006

Mr. Gene Petty, President
A-1 Sandrock, Inc.
2032 Bishop Road
Greensboro, North Carolina 27406

Subject: A-1 Sandrock, Inc. Phase 1 C&D Landfill
Permit # 41-17, Greensboro, Guilford County, North Carolina

Dear Mr. Petty:

Enclosed is a revised solid waste Permit to Construct for the above referenced 8.18 acre Phase 1 portion of the proposed construction and demolition debris solid waste management facility. The permit to construct has been revised to reflect the modified phasing and construction sequence described in the submittal dated January 24, 2006 that was prepared on your behalf by David Garrett, P.G., P.E.. The permit and accompanying conditions for the above referenced facility is issued in accordance with N.C.G.S. 130A-294 and the NC Solid Waste Management Rules.

Please note Construction Condition #13, which identifies the pre-operational requirements for this facility that need to be met prior to the issuance of a Permit to Operate. Please review the conditions of the permit carefully and if you have any questions or comments please contact me at (336) 771-5094 in the Winston-Salem Regional Office or contact Hugh Jernigan at 336-771-5093 to schedule a pre-construction site inspection/meeting.

Sincerely,


Timothy A. Jewett
Regional Engineer
Solid Waste Section

cc: Ed Mussler, SWS
Brent Rockett, SWS
Hugh Jernigan, SWS
David Garrett, P.G., P.E.
Raleigh Central Files: A-1 Sandrock, Inc. (C&D), Guilford County, Permit No. 41-17

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-508-8400 \ FAX 919-733-4810 \ Internet <http://wastenotnc.org>



Facility Permit No: 41-17
Part 1-Permit to Construct
A-1 Sandrock, Inc. C&D Landfill Phase 1
Date Original Issue: February 7, 2004
Modification No.1 (Phasing): June 1, 2006
Page 1 of 5

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
Dexter R. Matthews, Director
Division of Waste Management
Michael F. Easley, Governor
William G. Ross Jr., Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT

**SOLID WASTE LANDFILL
FACILITY PERMIT**

A-1 Sandrock, Inc.

is hereby issued a **PERMIT TO CONSTRUCT** a
CONSTRUCTION AND DEMOLITION LANDFILL, Phase I

Located at 2132 Bishop Road (SR 1116) between the intersections of Bishop Road with Groomtown Road and Viewmont Road, south of the City of Greensboro, in the Sumner Township, Guilford County, North Carolina in accordance with Article 9, Chapter 130A of the General Statutes of North Carolina and all rules promulgated there under and subject to the conditions set forth in this permit. The facility is located and described by the construction plan submitted, the permit application narrative, and the attached property deed.

Edward F. Mussler III
CN = Edward F. Mussler III,
C = US, O = Division of
Waste Management, OU =
Solid Waste Section
I have reviewed this
document and I am
approving this document
2006.06.01 16:07:55 -04'00'

Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Permitting Branch
Solid Waste Section

SITE ADDRESS:
2091 BISHOP ROAD

STATE OF NORTH CAROLINA
01/17/1996



419.00
Real Estate
Excise Tax
Guilford County

Excise Tax 419.00

Recording Time, Book and Page

Tax Lot No. Parcel Identifier No.
Verified by County on the day of 19
by

Mail after recording to

This instrument was prepared by H. CHRISTOPHER SEARS

Brief description for the Index
6826

1/2

NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made this 16TH day of JANUARY, 1996, by and between

GRANTOR

GRANTEE

GREENSBORO CEREBRAL PALSY ASSOCIATION, INC.
A N. C. NON-PROFIT CORPORATION WITH
PRINCIPAL OFFICE IN GREENSBORO, NC

RONALD E. PETTY
AND WIFE,
BETTY B. PETTY

% 2132 Bishop Rd
Greensboro NC 27406

000198

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

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

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

SEE EXHIBIT A

North Carolina - Guilford County
The certificate is of

Olivia J. Good

918976

RECORDED
KATHERINE LEE PAYNE
REGISTER OF DEEDS
GUILFORD COUNTY, NC

01/17/1996
1 DEEDS
2 DEEDS FROM JCS
3 DEEDS FROM JCS
1 EXCISE TAX STAMP

918976

16.00
12.00
MAY 02

A Notary (Notarica) Public is (are) certified to be correct. This instrument and this certificate are duly registered at the date and time shown herein.

BOOK: 4370
PAGE(S): 0129 TO 0200

KATHERINE LEE PAYNE, REGISTER OF DEEDS
Marcella Fowler
Notary/Deputy Register of Deeds

01/17/1996 11:42:54

The property hereinabove described was acquired by Grantor by instrument recorded in 4026 - 1803

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

SUBJECT TO ALL EASEMENTS, RESTRICTIONS AND RIGHTS OF WAY OF RECORD, IF ANY.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal or if corporate, has caused this instrument to be signed in his 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.

GREENSBORO CEREBRAL PALSY ASSOCIATION, INC. (Corporate Name) (SEAL)

By: Carl M. Shover (President) (SEAL)

ATTEST: Dale J. Metz (Asst. Secretary) (Corporate Seal) (SEAL)

NORTH CAROLINA, County.

I, a Notary Public of the County and State aforesaid, verify that Grantor,

personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this day of 19

My commission expires: Notary Public

NORTH CAROLINA, GUILFORD County.

I, a Notary Public of the County and State aforesaid, verify that Dale J. Metz, Asst. Secretary of GREENSBORO CEREBRAL PALSY ASSOCIATION, INC. is

personally came before me this day and acknowledged that he is a North Carolina corporation, and that he authority duly given and as the act of the corporation, the foregoing instrument was signed in its name by its President, together with its corporate seal and attested by Asst. Secretary.

Witness my hand and official stamp or seal, this 16TH day of JANUARY 1996

My commission expires: 8-17-97 Olivia J. Coad, Notary Public



OLIVIA J. COAD NOTARY PUBLIC GUILFORD CO., NC

The foregoing Certificate of ...

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

REGISTER OF DEEDS FOR COUNTY

000199

EXHIBIT A

BEGINNING AT A STONE, SAID STONE BEING THE NORTHEASTERMOST CORNER OF LOT 4 OF MAP 2 OF THE MRS. W. S. BARBER SUBDIVISION, AS PER PLAT BOOK 66, PAGE 78, GUILFORD COUNTY REGISTRY, AND ALSO BEING THE SOUTHWESTERMOST CORNER OF THE PROPERTY DESCRIBED IN BOOK 3852, PAGE 2157, AND RUNNING THENCE SOUTH 04°34'46" WEST 109.78 FEET; THENCE SOUTH 49°41'35" WEST 1646.63 FEET TO A STONE; THENCE NORTH 47°37'45" WEST 247.03 FEET TO AN AXLE, BEING THE NORTHWESTERMOST CORNER OF LOT 3 OF MAP 2 OF THE SAID MRS. W. S. BARBER SUBDIVISION; THENCE NORTH 06°29'01" EAST 325.97 FEET TO AN IRON PIPE; THENCE NORTH 83°22'52" WEST 483.47 FEET TO A POINT IN HICKORY CREEK; THENCE MEANDERING WITH HICKORY CREEK NORTH 13°41'17" WEST 82.78 FEET; THENCE NORTH 17°47'30" EAST 100.05 FEET; THENCE NORTH 22°54'58" 100.72 FEET; THENCE NORTH 26°16'38" EAST 101.61 FEET; THENCE NORTH 10°21'46" EAST 50.25 FEET; THENCE NORTH 05°30'56" EAST 16.37 FEET; THENCE NORTH 20°28'44" EAST 43.13 FEET; THENCE NORTH 14°58'44" EAST 50.99 FEET; THENCE NORTH 20°34'42" EAST 50.25 FEET; THENCE NORTH 26°17'20" EAST 50.00 FEET; THENCE NORTH 20°34'42" EAST 50.25 FEET; THENCE NORTH 50°49'38" EAST 25.41 FEET; THENCE NORTH 31°35'13" EAST 56.57 FEET; THENCE NORTH 24°43'23" WEST 50.99 FEET; THENCE NORTH 15°42'13" WEST 50.04 FEET; THENCE NORTH 22°30'12" WEST 50.64 FEET; THENCE NORTH 56°52'48" EAST 38.24 FEET; THENCE NORTH 59°36'19" WEST 79.43 FEET; THENCE NORTH 11°40'03" WEST 110.16 FEET; THENCE NORTH 14°47'23" WEST 100.00 FEET; THENCE NORTH 15°22'06" WEST 99.02 FEET; THENCE NORTH 08°09'24" WEST 34.62 FEET; THENCE NORTH 47°38'19" EAST 38.44 FEET; THENCE NORTH 11°13'35" WEST 72.55 FEET; THENCE NORTH 01°42'41" EAST 69.58 FEET; THENCE NORTH 60°13'56" EAST 86.82 FEET; THENCE NORTH 24°49'49" EAST 48.33 FEET; THENCE NORTH 59°23'56" EAST 56.89 FEET; THENCE NORTH 54°12'01" EAST 57.21 FEET; THENCE NORTH 73°00'02" EAST 50.09 FEET; THENCE SOUTH 74°02'41" EAST 22.32 FEET; THENCE NORTH 45°44'04" EAST 37.22 FEET; THENCE NORTH 19°20'22" EAST 20.25 FEET; THENCE NORTH 07°30'32" EAST 80.14 FEET TO A NEW IRON PIPE IN THE SOUTHERN MARGIN OF BISHOP ROAD (SR 1116); THENCE NORTH 07°30'32" EAST 31.96 FEET TO A POINT IN THE CENTERLINE OF BISHOP ROAD; THENCE ALONG SAID CENTERLINE NORTH 78°09'29" EAST 418.81 FEET; THENCE SOUTH 81°47'32" EAST 186.52 FEET TO AN IRON PIPE; THENCE SOUTH 00°23'07" EAST 170.87 TO AN IRON PIPE, A COMMON CORNER WITH GOINS (SEE BOOK 2898, PAGE 95); THENCE SOUTH 82°52'31" EAST 995.35 FEET TO AN IRON PIPE; AND THENCE ALONG A COMMON LINE WITH D & D ASPHALT & TRUCKING, INC. SOUTH 05°48'59" WEST 876.54 FEET TO THE POINT AND PLACE OF BEGINNING, AND BEING 69.833 ACRES (AND 0.327 ACRES IN THE RIGHT OF WAY OF BISHOP ROAD), MORE OR LESS, ACCORDING TO A SURVEY BY BORUM, WADE AND ASSOCIATES, P.A., DATED JANUARY 15, 1996, AND BEING THE SAME PROPERTY CONVEYED BY SHERIFF'S DEED DATED NOVEMBER 20, 1992 RECORDED IN BOOK 4026, PAGE 1803, GUILFORD COUNTY REGISTRY.

000200

ATTACHMENT 1
Approved Documents

PART 1: GENERAL FACILITY CONDITIONS

Issuance	Date
Original Issue (PTC)(Ph.1)	February 7, 2004
Modification No.1 (Phasing sequence)	June 1, 2006

PART 2: PERMIT TO CONSTRUCT

1. *Site Application Report - Part 1 of 2, Hydrogeologic Investigation and Conceptual Plan, Construction and Demolition Debris Landfill (South Side)*. Prepared for: A-1 Sandrock, Inc. Prepared by: David Garrett, P.G., P.E. June 2002. Revised 20 August, 25 November 2002, and 6 November 2003 (Including a Drawing set Sheets 1-10).
2. *Site Application Report - Part 2 of 2, Facility Plan, Engineering and Design Hydrogeologic Report, A-1 Sandrock CDLF (South Facility), Guilford County, North Carolina*. Prepared for: A-1 Sandrock, Inc. Prepared by: David Garrett, P.G., P.E. September 2002. Revised 22 January, 12 February, and 30 March 2003 (Including a Drawing set Sheets 1-21).
3. Franchise Agreement between A-1 Sandrock, Inc. and Guilford County, North Carolina. November 6, 2003. Including Articles of Incorporation, disposal fee limits, property description, and Articles of Amendments.
4. Sediment and Erosion control plan approval from the City of High Point. February 25, 2003.
5. Letter and drawing set describing the delay in construction and a revision to the phasing and progression of construction for the C&D landfill. Prepared for: A-1 Sandrock, Inc. by David Garrett, P.G., P.E. January 24, 2006.

- End of Section -

ATTACHMENT 2 Conditions of Permit to Construct

General Facility Conditions:

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located. The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Division of Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.
3. The permit is for a five year period, as per 15A NCAC 13B .0201(c) or sooner, according to the issuance date of the permit to operate. Modifications to the facility may be required in accordance with the rules in effect at the time of review. This facility may receive solid waste that is generated within a service area defined as 50 miles from the landfill as described in the Guilford County franchise agreement. Counties in the 50-mile radius include Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Forsyth, Guilford, Lee, Montgomery, Moore, Orange, Person, Randolph, Rockingham, Rowan, Stanly, Stokes, Surry, and Yadkin.
4. The gross facility capacity is 2,240,000 cubic yards. Gross capacity is defined as top of subgrade through the top of the final contours as identified in the approved plan, Part 2, Document 2. The landfill's disposal rate is approximately 225 tons per day or 70,200 tons per year based on six working days per week and 52 weeks per year (312 days per year). The franchise begins on November 6, 2003 and ends on November 6, 2013 (Attachment 1, Part 2, Doc. 1).
5. The approved plan for this facility is described in Attachment 1, "List of Approved Documents". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
6. This permit is not transferable
7. A copy of this permit, the approved plans, and all pertinent records and reports shall be maintained on-site at the facility and made available to the Division upon request.
8. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

9. Prior to operation of the facility and at all times of operation, the permittee shall be in compliance with all applicable lawfully adopted local ordinances.
10. Prior to construction of the Phase 1 , all piezometers, ground-water monitoring wells and borings located in the proposed cell with the exception of non-cased borings are to be properly abandoned by over-drilling and sealing each location with cement grout according to 15A NCAC 2C .0113 (b)(1), "Procedures for Permanent Abandonment of Wells." In portions of the site where soil areas are to be undercut, do not grout in the wells up to pre-grade land surface, but up to proposed base grade surface cutting off excess vertical grout and possibly damaging the grouted wells.

Construction:

11. This permit is for development of Phase I of the A-1 Sandrock, Inc C&D Landfill within the approved facility description, in accordance with the approved plans prepared by David Garrett, P.G., P.E. (revisions dated 22 January 2003, 12 February 2003, and 24 January 2006). Phase I is approximately 8.18 acres and has an estimated volume of 478,484 cubic yards of gross airspace capacity. Construction of additional phases will require written approval of the Division. Operation will be approved when documentation is submitted to the Section certifying the site is constructed according to the approved plans.
12. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.
13. The following requirements shall be met prior to requesting a permit to operate this facility:
 - a. A-1 Sandrock, Inc. or its consultant shall provide documentation to the Division that the site preparation (grading, placement of fill if applicable, maintaining 4 feet separation between waste and groundwater, etc.) has occurred in accordance with the construction plan and the conditions specified herein.
 - b. The owner's geologist shall examine the cell excavation and note any pertinent geological features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings.
 - c. Site inspection shall be made by a representative of the Division.
 - d. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 12 listed below.
 - e. Surface water monitoring locations shall be established and groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed. A baseline sampling event for background water quality shall be performed. Well construction records, boring logs, and evidence that a baseline sampling has been conducted shall be submitted to the Section Hydrogeologist for review and approval prior to operation (see Monitoring and Reporting Conditions below).
 - f. Recordation procedures for the permit shall be implemented as described above in General Conditions Numbers 1 and 2.

- g. A comprehensive Operations Plan shall be submitted to the Division in accordance with 15A NCAC 13B .0505.

MONITORING AND REPORTING REQUIREMENTS:

14. Monitoring well design and construction, sampling methods and sampling equipment shall conform to specifications found in "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
15. The monitoring well locations for Phase 1 are as illustrated in the approved plans and shall be established to monitor that area.
16. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
17. Prior to the acceptance of any waste at the facility, a baseline-sampling event shall be completed. The results of this sampling event shall be submitted to the Division Hydrogeologist within 30 days after the sampling event unless otherwise approved in writing.
18. Well completion records and boring logs shall be submitted to the Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
19. Each monitoring well shall be surveyed and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
20. Data shall be used to determine ground water flow directions and rates for the facility.
21. Accessible and unobstructed paths shall be cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
22. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
23. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to the Division in a timely manner.

- End of Section -

From: TIM.JEWETT@ncmail.net [TIM.JEWETT@ncmail.net]
Date: Jun 1, 2006 17:34
To: <david_garrett_pg@mindspring.com>
Cc: "Ed Mussler"<Ed.Mussler@ncmail.net>
Subject: Re: Revised Permit to Construct for A-1's CDLF #41-17

Dave,

Attached is a revised PTC for the A-1 Sandrock C&D landfill on Bishop Road (Southside). I have placed a hard copy in the mail to Gene Petty. Included in the hard copy is another certified copy of the permit that must be recorded with the Guilford County Register of Deeds office for the permit to be valid (Permit Condition #1). The Section has not received a recorded copy of the original permit, so please have Mr. Petty record this one.

Also, we have noted that the Franchise Agreement has a provision requiring A-1 Sandrock to implement a recycling process to reclaim at least 10% of the waste received (Item #3 on page 2). This condition may be reiterated in the PTO. Meanwhile, a revision or addendum to the Operations Plan will be required to describe how the reduction will be accomplished, how it will be measured, and how this activity may affect landfill operations.

Let me know if you have any questions and when you would like for Hugh and I to come out for a pre construction meeting.

Sincerely,

Tim Jewett

Close Window

Subject: Re: Revised Permit to Construct for A-1's CDLF #41-17
From: "TIM.JEWETT@ncmail.net" <TIM.JEWETT@ncmail.net>
Date: Thu, 1 Jun 2006 17:34:06 -0400 (EDT)
To: <david_garrett_pg@mindspring.com>
CC: Ed Mussler <Ed.Mussler@ncmail.net>

Dave,

Attached is a revised PTC for the A-1 Sandroock C&D landfill on Bishop Road (Southside). I have placed a hard copy in the mail to Gene Petty. Included in the hard copy is another certified copy of the permit that must be recorded with the Guilford County Register of Deeds office for the permit to be valid (Permit Condition #1). The Section has not received a recorded copy of the original permit, so please have Mr. Petty record this one.

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