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Zinith	12/19/08	6490

Subject: Permit 43-02--Harnett County Dunn-Erwin Landfill
From: "Zinith.Barbee@ncmail.net" <zinith.barbee@ncmail.net>
Date: Thu, 2 Oct 2008 17:13:14 -0400 (EDT)
To: <tyrus@ctclayton.com>
CC: <paul.crissman@ncmail.net>, <mark.poindexter@ncmail.net>, <Ed.Mussler@ncmail.net>, <Elizabeth.Werner@ncmail.net>

Thank you for your inquiry. Questions during the permitting process and compliance action are encouraged, though the inquiry reflects a result of not communicating with all SWS staff currently assigned to the facility.

First, Bobby Lutfy has not worked in the SWS in over a year. On what date did this "recent" meeting with him, you, and I occur?

Second, what is the status of corrective action at the site? On April 3, 2008 you reported to me that you held the public meeting specified in SWS regulation 15A NCAC 13B .1635(d). However, subsequent communication with me regarding corrective action did not occur.

Procedures for corrective action had been explained in the letter from the SWS, dated October 25, 2007. A copy of the letter is attached (Doc ID RCO 3290). Also included in this email is a record of additional communication between you and SWS staff regarding corrective action requirements. Required actions following the public meeting are summarized below.

Following the public meeting, selection of a remedy for documented groundwater contamination at the site should have been presented as specified in SWS regulations 15A NCAC 13B .1635 and .1636.

Following the SWS's approval of that remedy, submitted should have been the application entitled, "North Carolina Solid Waste Groundwater Corrective Action Permit Modification Application".

Next, a corrective action plan specified in SWS regulation 15A NCAC 13B .1637 should have been submitted..

Without the aforementioned remedy, application, and plan, compliance with 15A NCAC 13B .0547(4)(c) had not been demonstrated prior to July 1, 2008, nor by the date of this email.

Following this email may be a formal letter in which additional facts, findings, and details are documented..

Finally, regarding your question, unclear is what hydrogeologic environment exists now that you have not already encountered or identified when obtaining earlier permits for the facility.

-----Original Message-----

From: ryan@ctclayton.com
Date: Sep 30, 2008 10:34
To: <zinith.barbee@ncmail.net>
Cc: <tyrus@ctclayton.com>
Subj: Groundwater Flow

Zinith,

As per our recent meetings with you and Mr. Lutfy regarding our permitting of the Harnett County C&D Landfills, he stated that you would be looking specifically for vertical flow rates in the upper most aquifer within

the vadose zone. We cannot find any defined methods for determining these flow rates and would appreciate some guidance. Can you tell us of any recently permitted applications that we can come look at which demonstrates an approved method or software that can compute these vertical flow rates?

Thanks,

Ryan Sadler
Project Manager

C. T. Clayton, Sr., PE, Inc.

46 West Washington Street
Coats, North Carolina 27521

910-897-7070 office
910-897-6767 fax
919-795-6299 mobile
ryan@ctclayton.com ryan@ctclayton.com

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-----Original Message-----

From: geof.little@ncmail.net
Date: Mar 11, 2008 16:22
To: tyrus@ctclayton.com
Cc: "Ryan Sadler" <ryan@ctclayton.com>, "ctclayton" <ct@ctclayton.com>, <zinith.barbee@ncmail.net>, "Jaclynne Drummond" <Jaclynne.Drummond@ncmail.net>
Subject: Re: Dunn Erwin C&D Landfill - planning the next cell

Hi Tyrus,

Jackie said the only stipulation is that corrective actions must be implemented before construction of the new cell. Otherwise, no objections were discussed.

I'll be out of the office the rest of the week, but let me know your

questions and I'll address them next week.

Thanks,

Geof

*
Geoffrey H. Little*
Solid Waste Section
NC-DENR Division of Waste Management
401 Oberlin Road, Suite 150
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

Tel: 919-508-8498
Fax: 919-733-4810
e-Mail: geof.little@ncmail.net
Web: <http://wastenotnc.org/swhome>

C. Tyrus Clayton, Jr., PE wrote:

Geof,

As a follow up to our meeting last week, did you get a chance to discuss our plans for the Dunn-Erwin Facility with Jaclynne? Did

she

or you come up with any major objections to our future planned C&D cell being downgradient of the existing contaminant plume?

Thanks,

C. Tyrus Clayton, Jr., PE

Vice President

C. T. Clayton, Sr., PE, Inc.

From: C. Tyrus Clayton, Jr., PE [<mailto:tyrus@ctclayton.com>]
Sent: Wednesday, February 27, 2008 3:50 PM
To: 'geof.little@ncmail.net'; 'zinith.barbee@ncmail.net'
Cc: 'Ryan Sadler'; 'ctclayton'
Subject: Dunn Erwin C&D Landfill - planning the next cell

Geof and Zinith,

We are currently trying to figure out the permitting requirements for a new C&D cell at Dunn Erwin Landfill facility (Permit # 43-02).

However, we are confused by the published rules and the recent additions to NCAC 130A.

We would like to request a sit down meeting in your office to discuss how we need to proceed to complete a permit application for a new C&D cell at the existing DELF facility. Will both of you be available Tuesday through Friday (3/4/08 - 3/7/08) of next week?

During the same meeting we would also like to discuss future plans for the Anderson Creek Landfill facility (Permit #43-03).

Thanks,

C. Tyrus Clayton, Jr., PE
Vice President

C. T. Clayton, Sr., PE, Inc.
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Thank You.

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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

October 25, 2007

Jerry Blanchard
General Services Manager
Harnett County General Services
P. O. Box 940
Lillington, North Carolina 27546-0940

Re: Assessment of Corrective Measures
Harnett County Dunn-Erwin Landfill
Construction and Demolition Landfill Permit 43-02
Doc ID RCO 3290

Dear Mr. Blanchard:

The Solid Waste Section (SWS) has reviewed and approved the *Assessment of Corrective Measures* report for the Dunn-Erwin Landfill, revised draft dated August 2007, which described a variety of corrective measures addressing groundwater contamination described in the report. The report had been prepared and submitted by C. T. Clayton, Sr., P.E., Inc. The SWS Rules require the county to hold a public meeting to discuss the assessed corrective measures with affected and interested parties. Requirements of the public meeting are specified in SWS Rule 15A NCAC 13B .1635 (d).

After the public meeting, the county shall select a remedy(ies) for the reported contamination. The remedy(ies) shall meet requirements listed in SWS Rules 15A NCAC 13B .1635 and .1636. The remedy(ies) shall also meet the Division of Water Quality Rules listed in 15A NCAC 2L, entitled "Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina." After the SWS approves the selected remedy(ies), the selected remedy(ies) and contingency plan(s) shall be submitted in a Corrective Action Plan (CAP). The CAP shall be reviewed by the SWS and, when approved by the SWS, implemented in accordance with 15A NCAC 13B .1637.

If you have any questions, I can be reached at 919-508-8525.

Sincerely,

Zinith Barbee
Hydrogeologist
Solid Waste Section

cc: Ed Mussler Solid Waste Section
Mark Poindexter Field Operations Supervisor
Dennis Shackelford Eastern Regional Supervisor
Drew Hammonds Waste Management Specialist
C. Tyrus Clayton, Jr. C. T. Clayton, Sr., P.E., Inc.
Central File