

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director



August 19, 2002

Mr. Gene Petty
A-1 Sandrock, Inc.
2132 Bishop Road
Greensboro, NC 27406

Fac/Perm/Co ID #	Date	Doc ID#
41-17	10/05/2011	DIN 15278

Re: Hydrogeologic Review
Site Suitability Permit Application
A-1 Sandrock, Inc. Construction and Demolition Landfill
Guilford County – Greensboro, NC

Dear Mr. Petty:

I have received the site suitability permit application for the A-1 Sandrock, Inc C&D Landfill submitted by David Garrett of Raleigh, North Carolina on June 24, 2002. I have completed an initial review of this permit. Please respond to the following.

Tables

Table 3 – Summary of Hydrogeologic Properties

For boring number B-18, the aquifer thickness stated in the table is 10 feet. According to the slug test data sheets in Appendix VI, the aquifer thickness at boring B-18 is 9.8 feet. Please change the appropriate mistyped information.

For boring number B-21, the screen length stated in the table is 21 feet. Based on the slug test data sheets from Appendix VI, the screen length for B-21 is 10 feet. Please change the appropriate mistyped information.

Table 4 – Short-Term Water Observations

There might be some mistyped time of boring (TOB) water level information on this table. The TOB water level for B-6 on the table is stated as 11 feet. According to the

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
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Test Boring/Piezometer Installations Records in Appendix III, the TOB water level for B-6 is 13.7 feet. The table states the TOB water level for B-10 as 23.3 feet. The Test Boring/Piezometer Installations Records in Appendix III indicate that boring B-10 was dry at the time of boring. Please correct this mistyped information.

Figures

Figure 4A – Test Borings & Test Pit Locations

It has been previously discussed with Mr. Garrett that the topographic lines need to be shifted to match the other maps. This request has already been brought to the attention of Mr. Garrett.

Appendices

Appendix IV – Geotechnical Data

There is no depth stated on the permeability data sheet for the remolded sample of B-22. Please place the depth of this sample on the data sheet.

With the exception of the above comments, this report looks good. If you have any questions or concerns, please feel free to call me at (919) 733-06392 extension 346.

Sincerely,

Elizabeth R. Stewart
Hydrogeologist

Cc: Jim Coffey – Acting Section Chief, DWM-Solid Waste Section
Tim Jewett – SWS, Winston Salem Regional Office
Hugh Jernigan – Waste Management Specialist, Winston Salem Regional Office
David Garrett, P.G., P.E.

FAX TRANSMISSION COVER SHEET

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION
401 OBERLIN ROAD, SUITE 150
RALEIGH, NC 27605
TEL # 919-733-4996
FAX # 919-733-4810

DATE: August 19, 2002

TO: David Garrett

FROM: Elizabeth Stewart

FAX #: (919) 231-1818

COMMENTS: Dave - Here is a copy of my review

letter to Gene Pelty concerning the C&D at

A-1 Sandrock. A hard copy is in the mail.

Any questions? Call @ 733-0692 x346

NUMBER OF PAGES INCLUDING COVER SHEET: 3

PLEASE CALL IF YOU DO NOT RECEIVE ENTIRE TRANSMITTAL.