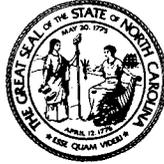


Johnston Co.

51011988



North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

June 20, 1988

Richard B. Self, County Manager
Johnston County Courthouse
P.O. Box 1049
Smithfield, N.C. 27577

RE: Proposed Fabric Daily Cover, Johnston County Sanitary Landfill
Permit No. 51-01

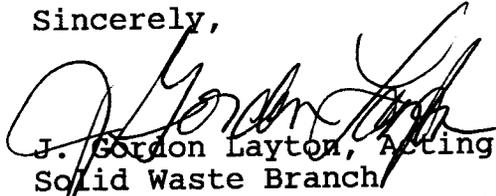
Dear Mr. Self:

The Branch has received your request to test the use of a fabric in place of soil for daily cover at the referenced landfill and hereby approves that request.

Please notify the Branch when the testing will occur so branch personnel can be on-site.

If there are any questions please contact Jim Coffey at (919) 733-0692.

Sincerely,


J. Gordon Layton, Acting Head
Solid Waste Branch
Solid Waste Management Section

JGL/mj

cc: Richard A. Berry
Terry Dover
Dexter Matthews



PHILLIPS FIBERS CORPORATION
A SUBSIDIARY OF PHILLIPS PETROLEUM COMPANY

ENGINEERED PRODUCTS MARKETING
GREENVILLE, SOUTH CAROLINA 29602
P. O. BOX 66

(803) 242-6600

May 20, 1988



Mr. Gordon Layton
Department of Human Resources
Solid and Hazardous
Waste Management Branch
Post Office Box 2091
Raleigh, North Carolina 27602-2091

Re.: Johnston County Landfill
Project Proposal, Fabric
as Daily Cover

Dear Mr. Layton:

Phillips Fibers Corporation of Greenville, South Carolina and Mr. Richard Self, Johnston County Manager, hereby submit the following proposal for your approval.

We would like to test the viability of using a non-woven fabric in place of soil for daily cover in the Johnston County landfill. The test would be conducted over a six month period, beginning as soon as possible. We plan to experiment with installation techniques during the first week of the test which would be documented with photographs and a written daily account of activities. A report on our techniques would then be presented to you and your staff for comments. Once a procedure for installation is established for this site, then that technique will be used for the remainder of the test unless it is deemed necessary to change.

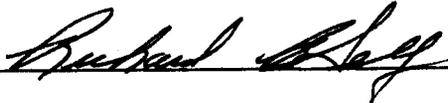
The first week's work will include, but not be limited to the following:

1. Use a 4 ounce non-woven fabric - fused only.
2. Use a 6 ounce nonwoven fabric - fused and non-fused.
3. Test haul road construction systems, on and off of trash covered area.
4. Test trafficability of a woven fabric.
5. Improve our technique for sewing fabric.
6. Experiment with various methods of pulling fabric over trash.

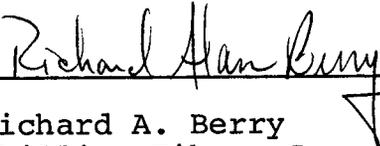
The refuse would be completely covered with fabric at the end of each working day and all fabric edges would be anchored with soil.

We intend to compare the cost of using fabric vs. soil for the period of the trial and also project the space saved in the landfill, which would compute to an extend landfill life. Should we determine that any tests do not meet or exceed the present State requirements for daily landfill operations, we will insure that steps be taken to correct the item in question.

On site experience will hopefully provoke new ideas and subsequent testing of those ideas. We would invite you and your staff to examine the trial and offer comments and suggestions.



Richard B. Self
Johnston County Manager



Richard A. Berry
Phillips Fibers Corporation
Landfill Management



NORTH CAROLINA
DEPARTMENT OF HUMAN RESOURCES
INTER OFFICE MEMORANDUM

DATE 5/1/88

TO File Johnston County
Permit # 51-01

FROM Terry Dovers

Contacted Richard Self by phone. Suggested he contact Phillips Petroleum and become part of their study group for synthetic fabric. He agreed and made contact with them & Dr. Richard Rust at N.C.S.U.

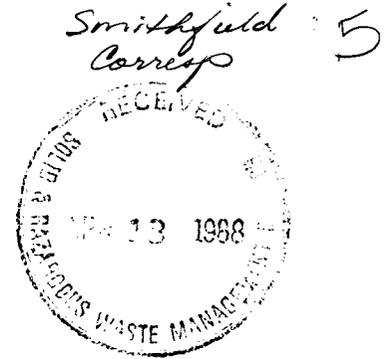
Phillips will permit request for specific use.

Note: To only be used on the working face with earthen cover applied at the end of the working week. Also for specific period of time i.e. 6 months.

TOWN OF SMITHFIELD

116 South Fourth Street P.O. Box 761
Smithfield, North Carolina 27577
919 934-2116

April 12, 1988



Mr. Jim Coffey
Solid Waste Management Section
P. O. Box 2091
Raleigh, N. C. 27602

Dear Mr. Coffey:

The Wallace Welding site in Smithfield, North Carolina,
will not be in conflict with the requirements of FEMA.

Yours truly,
Jimmy P. Clapp, Sr.
Jimmy P. Clapp, Sr.
Building Inspector

JPCsr/ser

Johnston County

POST OFFICE BOX 1049
SMITHFIELD, N. C. 27577



Richard B. Self
County Manager
(919) 934-5969

April 11, 1988

Mr. Gordon Layton, Environmental Engineer
Solid & Hazardous Waste Management Branch
Division of Health Services
P. O. Box 2091
Raleigh, North Carolina 27602-2091

Re: Johnston County Landfill
(Permit No. 51-01)

Dear Mr. Layton:

On behalf of Johnston County I am requesting the current Landfill Permit Number 51-01 be amended to allow the use of synthetic cover. The fabric would be used for daily cover with a 6" earth cover to be used at the end of a working week. Please refer to the letter from our engineers, Ragsdale Consultants, P.A., dated March 30, 1987, for more specific details.

I feel that the reasons cited are not substantial and therefore should be reconsidered. Please respond as rapidly as possible as each day represents lost disposal potential.

Sincerely,

A handwritten signature in cursive script that reads "Richard B. Self".

Richard B. Self
County Manager

RBS/je

cc: Tim Broom, Ragsdale Consultants, P.A.