

5101Permit1996 - Batch No. _____

4

Jennstar Co.

51011996

RECORD OF COMMUNICATION

- PHONE CALL DISCUSSION FIELD TRIP CONFERENCE
 OTHER (SPECIFY)

(Record of item checked above)

TO:

FROM:

DATE

7/31/96

TIME

9A

SUBJECT

Johnston City PRECONSTRUCTION MEETING -

SUMMARY OF COMMUNICATION

Ed Mussler - DWM

GREG EADES DWM

JIM BARBER DWM

CJ PORAN Mckim & Creed

CT. CLAYTON " " - Project Mngr.

TOM WAINRIGHT " "

HAYWOOD PHISTIC. JOHNSTON CTY. - Public Works.

LONIE - GIT.

Brent Lochame - Eng. Field

Mike Johnston City

Tim Sherril - LAW -
CGA.

CONCLUSIONS, ACTION TAKEN OR REQUIRED

INFORMATION COPIES

TO:



LETTER OF TRANSMITTAL

TO: NCDEHNR Division of Solid Waste
 Solid Waste Section
 P.O. Box 27687
 Raleigh, NC 27611-7687
 ATTENTION: Ed Mussler

DATE: 7-23-96
 PROJECT NO: 0358-0060.0R TASK NO: CQAAC
 RE: JCLF Plans and Specs (Sub. D)
 TRANSMITTAL NO: PAGE OF

WE ARE SENDING: Originals Prints Shop Drawings Samples
 Specifications Calculations Other - _____

Quantity	Drawing No.	Rev.	Description	Status
1			Plans E1 through F03	c
1			Contract Document and Technical Specifications	c

Issue Status Code: A. Preliminary B. Fabrication Only C. For Information D. Bid
 E. Construction F. For Review & Comments G. For Approval H. See Remarks

Action Status Code: 1. No Exceptions Taken 2. Make Corrections Noted 3. Other
 4. Amend & Resubmit 5. Rejected - See Remarks

REMARKS Ed - Updated Plans and Specs for JC Subtitle D Landfill As Requested.

The Preconstruction Meeting has been scheduled for July 31, 1996, 9:00 am at the Commisioners Office in Smithfield.

5625 DILLARD ROAD, SUITE 117, CARY, NC 27511 919/233-8091 FAX 919/ 233-8031

CC: **McKIM & CREED ENGINEERS, PA**

Signed *[Signature]*

AGENDA
JOHNSTON COUNTY SUBTITLE D LANDFILL
PRECONSTRUCTION MEETING
JULY 31, 1996, 9:00 a.m.

- I. Self Introduction of Persons in Attendance and Their Respective Affiliations
- II. Opening Statement by County Manager and Director of Utilities.
- III. Suppliers, Installers Etc.
- A. Final List
- IV. Supplemental General Conditions
 - A. Time for Completion - 190 days -
 - B. Inclement Weather. document well -
 - C. Surveying - local guy - has cad etc.
 - D. Equipment Furnished by Contractor - within 10 days.
 - E. Shop Drawings
- V. Special Conditions Polyflex - Liner
 - A. Approval of Subcontracted Work
 - ✓ B. Existing Landfill Operations
 - i. Contractor Storage and Parking
 - C. Field Engineering and Surveying - TOM LAWRENCE -
 - D. Measurement and Payment
 - E. Construction Schedule
 - F. Temporary Utilities, Offices Etc.
- VI. Quality Assurance and Control
 - A. Responsibilities and Lines of Communication
 - B. Clay Liner NATURAL S-G SOURCES.
 - i. Clay Material Source
 - ii. Stockpiling
 - iii. Proper thickness -
 - C. Geomembrane Liner - Looking for samples to eliminate fabrik -
 - D. Construction/Inspection Daily Logs and Forms
- VII. Demolition and Removal ✓ Houses - BURNED
 - A. Well Abandonment PATTERSON EXP. - Recommended to get Bobby L to check off -
- VIII. Clearing and Grubbing
- IX. Erosion Control
- X. Seeding and Mulching
- XI. Other Items of Discussion
- XII. Contract Documents.
 - i. Notice to Proceed - signing of final document(s)
 - ii. Distribution of Contract Documents
 - iii. Change Order
- XIII. Adjournment

150 lbs for
CQA -

TUES MTG^s CONTRACTOR.
At LUNCH.
12:00



Johnston County
Department of Public Utilities
 (919) 989-5075
 (919) 934-7174 FAX

- For Your Information
- Please Advise/Respond
- Please Confirm

TO: _____ DATE: _____

FROM: _____

SUBJECT: _____

Haywood PTHISIC	JOHNSTON County	989-5075
Greg Eades	NC Solid Waste Section	(919) 733-0692
JIM BARBER	NC SOLID WASTE SECTION	(910) 486-1191
Ed Mussler	NC SOLID WASTE SECTION	919 2330692 x343
Ralph Sikes	Anson Grading Inc	704 694-6450
Lonnie J. Burgess	GIT	1-800-848-5435
Jeff Berken	SCI	704-596-8788
SCOTT HIDDEN	"	"
TIM SMERRILL (CRA)	LAW ENG. + ENV. SCS.	(919) 876-0416
BRENT LOCKAMY	MICKIM + CREED	233-8091
C. J. Clayton	" "	" "
Tom Wainwright	" "	" "
C. J. PIRAN	ENSOL CORP. IN MICKIM + CREED TERR.	235-2001
Warren Grimes	Jo. Co.	934-4576
<u>ONSITE</u> MICHAEL KEEN (EFR)	JOHNSTON CO	310-2433 (PAGER)
DANILK PALUSO	GIT on site administrator.	704-231-8731
HARRY OWENS - GIT - CONSTRUCTION Supervisor.		

COPY:

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management



James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

June 17, 1996

MEMORANDUM

TO: Greg Eades, Environmental Engineer

FROM: Bobby Lutfy, Hydrogeologist *BL*

RE: Hydrogeologic Review Of The Revisions To The Transition
Plan For The Johnston County MSWLF (Permit #51-01)

With the revisions to the Transition Plan submitted by McKim & Creed dated June 12, 1995, dated May 30, 1996, and dated June 10, 1996, the Local Area Study and Water Quality Monitoring Plan portions of the Transition Plan appear generally satisfactory. Therefore based upon the hydrogeologic review, the Johnston County MSWLF Transition Plan can be approved.

It should be noted that approval of the Transition Plan does not include approval of the sampling reports. These documents are subject to separate review by Mark Poindexter and Larry Rose of our Groundwater Compliance Unit.

cc: Mark Poindexter

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management



James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

February 2, 1996

Mr. C.T. Clayton
McKim & Creed
Building I, Suite 117
5625 Dillard Road
Cary, North Carolina 27511

RE: Second Hydrogeologic Review Of The Transition Plan For The
Johnston County Landfill, Permit # 51-01

Dear Mr. Clayton,

The Solid Waste Section Hydrogeologic Unit has completed a second review of the Transition Plan for the Johnston County MSW Landfill. There are still several items that need correction or revision before the Transition Plan can be approved. Please make the necessary revisions in response to the following comments and questions:

LOCAL AREA STUDY

- There are internal inconsistencies in the text of the Local Area Study. Page IV-1 references "two occupied residences and two abandoned residences within 2,000 feet of the Johnston County Landfill property line". Pages IV-4 and IV-5 reference "25 residences located within the 2,000 foot perimeter from the landfill property boundary". Neither of these descriptions seems to match the Local Area Study Map, Sheet 2.
- The Local Area Study Map (Sheet 2) does not have a North Arrow and the legend does not indicate many of the symbols used on the map. What symbols are used for residences, other buildings and structures, facility boundaries, 2000 ft. perimeter boundaries, underground storage tanks, etc.? The location of the USTs need to be indicated on the map.
- If the current topography and/or survey benchmarks are being illustrated on a separate map, then this needs to be clearly indicated in the text and/or margin of the Local Area Study Map.

Mr. C.T. Clayton
Johnston Co. Transition Plan
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- If all occupied residences are assumed to be using wells this needs to be indicated on the margin of the Local Area Study Map.
- If the landfill uses a water supply well, the location of this well needs to be clearly indicated on the map. Information on location, depth, and design of the well should be supplied in the Local Area Study. If the well has ever been sampled, analytical data should be included in the report.

WATER QUALITY MONITORING PLAN

- On pages 3 and 4, the drawing for the Water Quality Monitoring Plan is incorrectly referenced as Sheet 7, rather than Sheet 8.
- For pages 7 and 8, details of the "Remediation Strategy" are beyond the scope of the Transition Plan. Approval of the ground-water assessment and/or remediation strategies should be obtained from Mark Poindexter of our Groundwater Compliance Unit.
- On the second page of the revised Sampling Procedure And Protocol, toward the end of the second paragraph under Dedicated Monitoring, it incorrectly references avoiding "necessary volatilization". This should reference unnecessary volatilization.
- The first line of the discussion of Administrative Procedures references "samples are to be delivered to a State Certified Drinking Water Laboratory". Current Solid Waste Section guidelines require use of a laboratory certified by the Division of Environmental Management for groundwater analysis. Refer to the guidance memos from the Solid Waste Section dated June 24, 1994 and January 18, 1995.
- The Field QA/QC section states "rinse blanks will not be done". Field equipment rinse blanks are required even for laboratory cleaned bailers. The equipment rinse blanks should be analyzed for all of the Appendix I constituents. Trip blanks need only be analyzed for the organic constituents.

Mr. C.T. Clayton
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- Figure A, Laboratory Analyses Request Form: This form does not reference the analytical methods required for Appendix I monitoring. A new or revised form needs to be provided.
- Appendix II, Analytical Procedures and Test Parameters: The following methods referenced in this Table are inconsistent with the guidelines established by the Solid Waste Section: Methods 3020, 7081, 7211, and 7951. Please refer to the guidance memos dated 6-24-94 and 1-18-95 for approved analytical methods.
- The Well Schematic Diagrams are incomplete and partly illegible. There are no Well Completion Records for wells three thru nine.
- Revisions needed for the monitoring reports will be evaluated by the Solid Waste Section Groundwater Compliance Unit.

Most of the items discussed above will require changes to the text, tables, or drawings for the Transition Plan. Please forward the necessary revisions as soon as possible so the Solid Waste Section can complete our technical review. If you have any questions regarding this letter, please contact me at (919) 733-0692, extension 258.

Sincerely,

Bobby Lutfy

Bobby Lutfy
Hydrogeologist
Solid Waste Section

cc: Greg Eades, Solid Waste Section
Ben Barnes, SWS - Raleigh Regional Office
Haywood Phthisic, Johnston County