



FACILITY COMPLIANCE AUDIT REPORT
Division of Waste Management
Solid Waste Section

Unit Type:
SLAS

County:	Carteret
Permit:	SLAS 1607
Type:	Compliance

Date of Audit 04/27/2004 **Date of Last Audit** 03/11/2004

FACILITY NAME AND ADDRESS:

Arrow Septic System Cleaning and Maintenance
P.O. Box 1575
Newport NC 28570

FACILITY CONTACT NAME AND PHONE NUMBER:

Daniel Gray
(252) 223-2984

AUDIT PARTICIPANTS:

Joe Gallo

04/27/2004

STATUS OF PERMIT: **Closed** / **PERMIT EXPIRES:** 12/01/2005

PURPOSE OF REPORT:

Facility Closure

Vehicle Identification Number N/A

NOTICE OF VIOLATION(S) (citation and explanation):

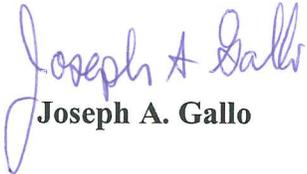
No violations noted at this time.

You are hereby advised that, pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$5,000 per day may be assessed for each violation of the Solid Waste Statute or Regulations. If the violation(s) noted here continue, you may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

OTHER COMMENTS / SUGGESTIONS:

The site has been unused for the last few weeks. The rye grass is three feet tall and there are no indications of recent use at the site. Soil samples were taken in January and should not need to be taken again.

Please contact me if you have any questions or comments regarding this report.


Joseph A. Gallo

(910) 395-3900

Distribution: original signed copy to facility - signed copy to compliance officer - e-mail or copy to supervisor

Delivered on Monday, May 03, 2004

By: Hand Delivery US Mail Certified #:

cc: Ted Lyon



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

December 6, 2004

MR DANIEL GRAY
ARROW SEPTIC TANK CLEANING & MAINTENANCE
PO BOX 1575
NEWPORT NC 28570

**RE: SLAS and SDTF permit
Arrow Septic Tank Cleaning & Maintenance
SLAS-16-07 and SDTF-16-07
State Road 1137 in Carteret County**

Dear Mr. Gray:

The NC Division of Waste Management performed facility closure inspections on SLAS-16-07 and SDTF-16-07 in April of 2004. It is our understanding that the land application site and detention facility are no longer in use. Please fill out the enclosed cease operation forms and return to our office so we may close these permits out of the database.

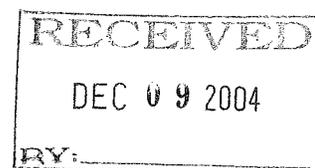
If you have any questions concerning the enclosed forms or other matters related to septage please call me at (919) 733-0692, ext. 265.

Sincerely,

Michael E. Scott, Soil Scientist
Composting & Land Application Branch

Enclosures

cc: Joe Gallo, Waste Management Specialist
h:\cla\septage\slasper\16-carteret\gray\1607_L1_04.doc



1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-733-0692 \ FAX 919-733-4810 \ Internet <http://wastenotnc.org>



Soil Test Report

Grower: **Gray, Daniel**

Copies to: NC Division of Solid Waste

C/O Arrow Septic Tank Cleaning & Maint.

Gallo, Joe

PO Box 1575

Newport, NC 28570

Farm: 1607

Gallo, Joe
127 Cardinal Dr Extension
Wilmington, NC 28405

12/8/03

SERVING N.C. CITIZENS FOR OVER 50 YEARS

Carteret County

Agronomist Comments:

The heavy metal results are shown on a separate report. The heavy metal concentration for these samples should pose no threat to crops grown on this land. However, all samples have elevated zinc and copper. In some samples, chromium (Cr) is elevated in several samples above the 0.2 ppm background level that is typical of such sites. Refer to the recommendations shown below for any lime or fertilizer that may be needed to sustain normal crop growth. Apply dolomitic lime to area 16073. Magnesium is low in samples 16071 & 16072. Apply 25 to 30 lb per acre of magnesium using sulfate of potash-magnesia (0-0-22, 11.5% magnesium, 23% sulfur). In samples 16071 and 16072, note that soil pH is elevated in and can cause micronutrients to be unavailable, especially manganese in small grains. Additionally, soil manganese is at a low level in these two samples. Tissue testing will determine if micronutrients are limiting. Samples have very high soil phosphorus levels so its application is not beneficial.

David H. Hardy, Agronomist

Field Information		Applied Lime		Recommendations											
Sample No.	Last Crop	Mo Yr	T/A	Crop or Year	Lime	N	P2O5	K2O	Mg	Cu	Zn	B	Mn	See Note	
16071	No Crop			1st Crop: Berm Hay/Pas,M 2nd Crop: Small Grains	0	180-220	0	170-190	\$	0	0	0	\$	12	
					0	80-100	0	80-100	\$	0	0	0	\$pH	3	

Field Information		Applied Lime		Recommendations											
Sample No.	Last Crop	Mo Yr	T/A	Crop or Year	Lime	N	P2O5	K2O	Mg	Cu	Zn	B	Mn	See Note	
16072	No Crop			1st Crop: Berm Hay/Pas,M 2nd Crop: Small Grains	0	180-220	0	160-180	\$	0	0	0	\$	12	
					0	80-100	0	70-90	\$	0	0	0	\$pH	3	

Field Information		Applied Lime		Recommendations											
Sample No.	Last Crop	Mo Yr	T/A	Crop or Year	Lime	N	P2O5	K2O	Mg	Cu	Zn	B	Mn	See Note	
16073	No Crop			1st Crop: Berm Hay/Pas,M 2nd Crop: Small Grains	.7T	180-220	0	170-190	0	0	0	0	0	12	
					0	80-100	0	80-100	0	0	0	0	10	3	

Field Information		Applied Lime		Recommendations											
Sample No.	Last Crop	Mo Yr	T/A	Crop or Year	Lime	N	P2O5	K2O	Mg	Cu	Zn	B	Mn	See Note	
16073	No Crop			1st Crop: Berm Hay/Pas,M 2nd Crop: Small Grains	.7T	180-220	0	170-190	0	0	0	0	0	12	
					0	80-100	0	80-100	0	0	0	0	10	3	

Soil Class		HM%	W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	Mn-I	Mn-AI (1)	Mn-AI (2)	Zn-I	Zn-AI	Cu-I	S-I	SS-I	NO3-N	NH4-N	Na
MIN	0.46	1.37	18.0	100.0	0.0	7.7	353	28	96.0	3.0	33	11	4	1700	1700	816	87					0.2
MIN	0.71	1.40	3.1	74.0	0.8	5.9	242	24	58.0	12.0	27	26	19	156	156	114	30					0.1

Heavy Metal Soil Test Report

MEHLICH-3 EXTRACTION

Report #: 11691

Gray, Daniel
 C/O Arrow Septic Tank Cleaning & Maint.
 PO Box 1575
 Newport, NC 28570
 Carteret County

Questions concerning these analyses should be referred to the Agronomic Division, Soil Testing Section

Sample ID	Cd Cadmium	Ni Nickel	Pb Lead	Se Selenium (mg/dm ³ (ppm))	Cr Chromium	Al Aluminum	As Arsenic
16073	0.00	0.10	0.00	0.00	0.60		3.50
16071	0.20	0.20	0.50	0.30	0.40		3.30
16072	0.10	0.20	0.40	0.00	0.30		2.90