




North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

October 1, 2009

TO: Environmental Review Commission Members
Marilyn Chism, Director, Fiscal Research

FROM: Dee Freeman, Secretary 

RE: Animal Waste Management Annual Report

G.S. 143-215.10M requires the Department of Environment and Natural Resources to report to the Environmental Review Commission and the Fiscal Research Division each year on permitting, inspection, and compliance activity of animal waste operations across the state. Attached is this year's report. If you have any questions please contact Ted Bush at (919) 715-6172.

Attachment

cc: Coleen H. Sullins

Fiscal Year Data: July 1, 2008 through June 30, 2009

Note: Fiscal year numbers are reported as of September 9, 2009 and may vary from actual due to delays in data entry and continued refinements to database.

INSPECTIONS	ARO	FRO	MRO	RRO	WARO	WIRO	WSRO	State Totals
DWQ Total number of inspections completed	24	699	98	312	443	579	104	2259
Routine DWQ annual compliance inspections	24	662	95	287	429	551	90	2138
Inspections conducted due to complaints	0	4	3	3	1	8	8	27
Follow-up of previous review or inspection	0	21	0	14	10	17	4	66
Emergency Notification	0	0	0	1	2	1	0	4
Lagoon Evaluations	0	1	0	7	0	2	2	12
Other inspections	0	11	0	0	1	0	0	12
DSWC Total number of compliance inspections completed*					41	131		172
Routine DSWC annual compliance inspections					40	123		163
Inspections conducted due to complaints					0	2		2
Follow-up of previous review or inspection					1	2		3
Emergency Notification					0	1		1
Response to DWQ referral					0	1		1
Other inspections					0	2		2
DSWC Total number of operation reviews completed**	18	756	97	307	542	691	90	2501
Routine operation reviews	18	747	97	307	538	658	89	2454
Technical Assistance	0	0	0	0	0	10	0	10
Follow-up of previous review or inspection	0	8	0	0	4	7	1	20
Emergency Notification	0	0	0	0	0	1	0	1
Other inspections	0	1	0	0	0	15	0	16
Totals	42	1455	195	619	985	1270	194	4932
Total number of Animal Operations requiring Inspections and Operations Reviews during this year	21	760	88	246	534	679	93	2421

*Pilot Project. Routine Compliance Inspections will only be conducted in Brunswick, Columbus, Jones, and Pender Counties by DSWC. Routine Operation Reviews are normally conducted in the Pilot Counties in the spring and routine Compliance Inspections are conducted in the fall. Brunswick County was added to the Pilot Project on July, 1 1999, and Pender County was added on January 1, 2006. DWQ maintains regulatory oversight of the program.

**DSWC numbers include site visits completed by Soil & Water Conservation District and NRCS staff.

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ANIMAL OPERATIONS PERMITS ISSUED	ARO	FRO	MRO	RRO	WARO	WIRO	WSRO	State Totals
Swine	0	15	0	4	16	16	0	51
Cattle	0	0	3	0	0	0	1	4
Poultry	0	1	1	2	0	0	0	4
Horses	0	0	0	0	0	0	0	0
Totals	0	16	4	6	16	16	1	59

DEFICIENCIES AND VIOLATIONS IDENTIFIED	ARO	FRO	MRO	RRO	WARO	WIRO	WSRO	State Totals
Deficiencies and Violations found during DSWC operations reviews and DWQ inspections*	6	72	15	23	32	45	33	226
Number of facilities receiving a deficiency or violation from inspections	2	24	11	5	34	4	6	86
Enforcement actions initiated for violations noted during this year**	0	2	0	0	6	0	1	9

*Violation totals include violations noted during both operation reviews and compliance inspections and may include multiple violations at a single facility.

**Enforcement actions being developed by the regional staff are normally not shown as actions initiated during that quarter. These actions will be included in the next year-to-date totals.

DEFICIENCIES AND VIOLATIONS IDENTIFIED	Total number of inspections with identified problem	Percent of total problems identified	Percent of total inspections completed (4932)
Discharges from Animal Waste Management System	31	13.7%	0.6%
Of the total discharges identified, the number of discharges that reached surface waters of the state	(10)	(4.4%)	(0.2%)
Inadequate Freeboard (Certified Farms)	52	23.0%	1.1%
Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(15)	(6.6%)	(0.3%)
No Certified Operator in Charge	28	12.4%	0.6%
Evidence of over application	66	29.2%	1.3%
Does not meet setbacks	2	0.9%	0.0%
Inadequate land	3	1.3%	0.1%
Crop differs from that stated in Certified Animal Waste Management Plan	44	19.5%	0.9%
Totals*	226	100.0%	4.6%

*4932 inspections and reviews were conducted. There were 7 potential problems evaluated in each report. Therefore, the total possible deficiencies and violations that could have been noted was 34524. The 226 problems identified represents 0.65% of the total potential number.

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DEFICIENCIES AND VIOLATIONS IDENTIFIED		ARO	FRO	MRO	RRO	WARO	WIRO	WSRO	State Totals
Discharges from Animal Waste Management System		2	8	0	4	8	4	5	31
	Of the total discharges identified, the number of discharges that reached surface waters of the state	(1)	(2)	(0)	(2)	(4)	(0)	(1)	(10)
Inadequate Freeboard (Certified Farms)		0	19	0	8	3	18	4	52
	Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(0)	(3)	(0)	(8)	(1)	(1)	(2)	(15)
No Certified Operator in Charge		2	2	4	5	2	12	1	28
Evidence of over application		0	28	3	5	17	9	4	66
Does not meet setbacks		0	1	0	0	0	0	1	2
Inadequate land		0	3	0	0	0	0	0	3
Crop differs from that stated in Certified Animal Waste Management Plan		2	11	8	1	2	2	18	44
Totals		6	72	15	23	32	45	33	226

DEFICIENCIES AND VIOLATIONS IDENTIFIED		Swine	Cattle	Poultry	Horses	State Totals
Discharges from Animal Waste Management System		23	8	0	0	31
	Of the total discharges identified, the number of discharges that reached surface waters of the state	(8)	(2)	(0)	(0)	(10)
Inadequate Freeboard (Certified Farms)		42	4	6	0	52
	Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(6)	(3)	(6)	(0)	(15)
No Certified Operator in Charge		19	7	2	0	28
Evidence of over application		59	7	0	0	66
Does not meet setbacks		1	1	0	0	2
Inadequate land		3	0	0	0	3
Crop differs from that stated in Certified Animal Waste Management Plan		18	26	2	0	46
Totals		165	53	10	0	228