



North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

October 1, 2010

TO: The Honorable Pricey Harrison, co-chair
The Honorable Pryor Gibson, co-chair
The Honorable Bob Atwater, co-chair
The Honorable Dan Clodfelter, co-chair

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 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, Director, DWQ

Fiscal Year Data: July 1, 2009 through June 30, 2010

Note: Fiscal year numbers are reported as of September 1, 2010 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	20	867	100	262	479	564	111	2403
Routine DWQ annual compliance inspections	18	795	93	226	428	523	103	2186
Inspections conducted due to complaints	2	8	3	3	3	5	4	28
Follow-up of previous review or inspection	0	8	4	9	16	16	1	54
Emergency Notification	0	0	0	1	7	4	0	12
Lagoon Evaluations	0	54	0	23	25	1	3	106
Other inspections	0	2	0	0	0	15	0	17
DSWC Total number of compliance inspections completed*					56	131		187
Routine DSWC annual compliance inspections					54	130		184
Inspections conducted due to complaints					0	1		1
Follow-up of previous review or inspection					0	0		0
Emergency Notification					0	0		0
Response to DWQ referral					0	0		0
Other inspections					2	0		2
DSWC Total number of operation reviews completed**	17	683	54	197	499	707	96	2253
Routine operation reviews	17	681	53	197	492	696	93	2229
Technical Assistance	0	1	1	0	1	6	0	9
Follow-up of previous review or inspection	0	0	0	0	5	0	1	6
Emergency Notification	0	0	0	0	0	2	0	2
Other inspections	0	1	0	0	1	3	2	7
Totals	37	1550	154	459	978	1271	207	4843
Total number of Animal Operations requiring Inspections and Operations Reviews during this year	23	752	86	233	524	676	93	2387

*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	1	752	6	185	517	681	24	2166
Cattle	19	3	78	36	2	0	69	207
Poultry	0	0	1	10	0	0	0	11
Horses	0	0	0	0	1	0	0	1
Totals	20	755	85	231	520	681	93	2385

DEFICIENCIES AND VIOLATIONS IDENTIFIED	ARO	FRO	MRO	RRO	WARO	WIRO	WSRO	State Totals
Deficiencies and Violations found during DSWC operations reviews and DWQ inspections*	12	90	36	36	112	98	42	426
Number of facilities receiving a deficiency or violation from inspections	6	35	18	12	51	7	10	139
Enforcement actions initiated for violations noted during this year**	2	3	0	2	17	1	5	30

*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 (4843)
Discharges from Animal Waste Management System	45	10.6%	0.9%
Of the total discharges identified, the number of discharges that reached surface waters of the state	(20)	(4.7%)	(0.4%)
Inadequate Freeboard (Certified Farms)	195	45.8%	4.0%
Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(43)	(10.1%)	(0.9%)
No Certified Operator in Charge	38	8.9%	0.8%
Evidence of over application	79	18.5%	1.6%
Does not meet setbacks	15	3.5%	0.3%
Inadequate land	1	0.2%	0.0%
Crop differs from that stated in Certified Animal Waste Management Plan	53	12.4%	1.1%
Totals*	426	100.0%	8.8%

*4843 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 33901. The 426 problems identified represents 1.26% 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	6	11	0	5	13	9	1	45
Of the total discharges identified, the number of discharges that reached surface waters of the state	(3)	(5)	(0)	(2)	(10)	(0)	(0)	(20)
Inadequate Freeboard (Certified Farms)	1	45	14	15	51	55	14	195
Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(1)	(2)	(1)	(8)	(25)	(4)	(2)	(43)
No Certified Operator in Charge	2	1	0	3	14	18	0	38
Evidence of over application	2	25	2	8	28	6	8	79
Does not meet setbacks	0	4	0	4	0	2	5	15
Inadequate land	0	0	0	0	1	0	0	1
Crop differs from that stated in Certified Animal Waste Management Plan	1	4	20	1	5	8	14	53
Totals	12	90	36	36	112	98	42	426

DEFICIENCIES AND VIOLATIONS IDENTIFIED	Swine	Cattle	Poultry	Horses	State Totals
Discharges from Animal Waste Management System	33	9	3	0	45
Of the total discharges identified, the number of discharges that reached surface waters of the state	(15)	(4)	(1)	(0)	(20)
Inadequate Freeboard (Certified Farms)	160	29	6	0	195
Of the total inspections identified with inadequate freeboard, the number of inspections with freeboard noted at less than 1 foot	(34)	(5)	(4)	(0)	(43)
No Certified Operator in Charge	34	2	2	0	38
Evidence of over application	62	16	1	0	79
Does not meet setbacks	6	9	0	0	15
Inadequate land	1	0	0	0	1
Crop differs from that stated in Certified Animal Waste Management Plan	20	33	0	0	53
Totals	316	98	12	0	426