



State of Oklahoma
Department of Agriculture, Food, and Forestry

Mary Fallin
Governor

Jim Reese
Secretary of Agriculture

March 6, 2018

The Oklahoma Department of Agriculture, Food, and Forestry (ODAFF) has compiled the attached report summarizing the Oklahoma poultry waste movement (state-wide), with more specific break-downs of poultry waste information from the Illinois River Watershed and the Eucha-Spavinaw Watershed.

The Oklahoma Registered Poultry Feeding Operations Act (Title 2 § 10-19-1) and Rules (35:17-5) along with the Oklahoma Poultry Waste Applicators Certification Act (Title 2 § 10-9-16) and Rules (35:17-7) require the submittal to ODAFF of the following: 1) Oklahoma poultry waste applicator annual application reports by September 1 annually (for poultry waste applied in Oklahoma) and 2) Oklahoma Registered Poultry Feeding Operation records of poultry waste sold or given away. The enclosed information represents fiscal year 2017 (July 1, 2016 to June 30, 2017) with the exception being the Eucha-Spavinaw Watershed section. This information is based on calendar year 2017, as the Federal Court Case Settlement requires applicators and poultry feeding operation annual reports represent a calendar year worth of records and the records are submitted to the ODAFF Eucha-Spavinaw Team by the end of each year.

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Respectfully,

Jeremy Seiger
Director, ODAFF
Agricultural Environmental
Management Services Division



Oklahoma Poultry Waste (Litter)

Movement by County *

July 1, 2016 through June 30, 2017

County	Litter Applied on PFO ** (Tons)	Available Acres on PFO ***	Litter Sold or Transferred off PFO **** (Tons)	Number of Licensed Farms *****	Number of Houses	Licensed Bird Capacity
Adair	2,679	3,771	33,227	66	346	7,090,000
Blaine	480	175	0	1	2	20,000
Cherokee	1,196	1,309	2,173	10	38	723,200
Choctaw	2,245	1,038	715	4	12	278,200
Craig	864	2,375	6,204	8	48	1,191,200
Creek	0	0	500	1	2	24,000
Delaware	3,536	6,961	62,065	149	613	14,717,418
Haskell	3,500	8,889	6,781	36	121	2,609,300
Latimer	326	110	983	3	9	212,100
LeFlore	6,359	106,031	28,686	142	485	12,522,939
Mayes	414	375	4,140	16	73	1,656,000
McCurtain	6,782	7,514	18,137	86	358	7,762,580
McIntosh	527	770	745	4	9	93,850
Murray	0	0	12,562	1	11	1,200,000
Muskogee	549	521	1,956	12	26	281,500
Okmulgee	0	0	0	1	1	11,000
Ottawa	1,301	11,230	10,483	20	110	2,666,000
Pushmataha	220	297	0	1	1	9,500
Rogers	153	102	3,044	4	33	1,200,000
Sequoyah	2,501	5,620	4,375	27	56	724,300
FY 17 Totals	33,632	157,088	196,776	592	2,354	54,993,087

* As reported from Licensed Poultry Feeding Operation (PFO) Records for FY17 (July 1, 2016 through June 30, 2017)

** Amount of litter applied on acreage associated with PFOs (amount of litter generated on site and applied on site)

*** Total acreage available for litter applications associated with PFOs

**** Reported amount of litter sold or transferred off PFOs

***** This is not total number of Licensed PFOs, rather only the ones that either land applied or transferred off site.



Oklahoma Poultry Waste (Litter)

Applied by County *

July 1, 2016 through June 30, 2017

County	Reported Total Tons Litter Applied	Reported Total Acres Applied to	County Average Application Rate
Adair	7,740	6,099	1.3
Atoka	695	363	1.9
Blaine	480	175	2.7
Bryan	4,133	2,248	1.8
Caddo	104	90	1.2
Carter	77	80	1.0
Cherokee	4,678	2,880	1.6
Choctaw	2,967	1,421	2.1
Coal	100	50	2.0
Craig	17,956	9,117	2.0
Creek	776	281	2.8
Delaware	32,062	19,122	1.7
Garvin	692	426	1.6
Grady	1,571	1,278	1.2
Haskell	9,559	4,604	2.1
Hughes	316	179	1.8
Johnston	326	437	0.7
Latimer	563	313	1.8
Le Flore	21,964	12,545	1.8
Marshall	528	261	2.0
Mayes	4,373	2,455	1.8
McCurtain	8,250	4,226	2.0
McIntosh	2,091	1,345	1.6
Muskogee	10,132	5,756	1.8
Nowata	161	80	2.0
Okfuskee	3,698	1,564	2.4
Okmulgee	3,011	1,939	1.6
Osage	77	80	1.0
Ottawa	12,787	6,040	2.1
Pittsburg	837	419	2.0
Pottawatomie	297	125	2.4
Pushmataha	159	204	0.8
Rogers	1,941	1,002	1.9
Seminole	197	135	1.5
Sequoyah	7,013	3,946	1.8
Tulsa	1,077	563	1.9
Wagoner	2,934	1,617	1.8
Washington	78	40	2.0
Total:	166,400	93,505	
Tons Litter Applied/Acre **			1.8

* As reported from Licensed Poultry Waste Applicator (PWA) Reports for FY17 (July 1, 2016 through June 30, 2017)

** State Average Litter Application Rate

Oklahoma Illinois River Watershed
Poultry Litter Statistics
 July 1, 2016 through July 30, 2017

	<u>Tons</u>
Amount of litter applied within IRW	15,704
Amount of litter originating from within OK IRW but applied outside IRW in OK	7,090
Amount of litter originating from within OK IRW but exported to other States	34,131

2017 Oklahoma Eucha-Spavinaw Watershed
Poultry Litter Statistics
 January 1, 2017 through December 31, 2017

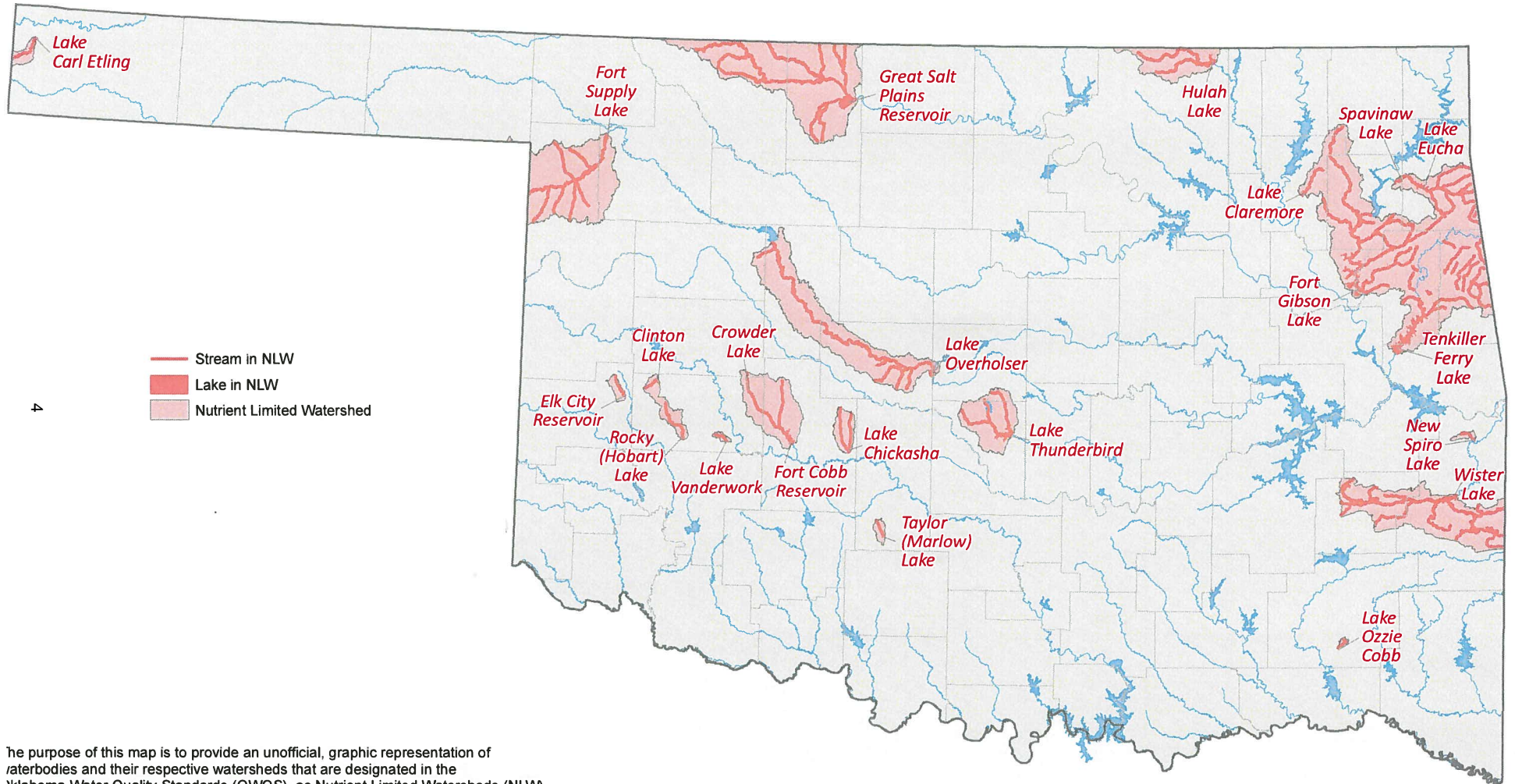
	<u>Tons</u>
Total poultry waste production in Eucha-Spavinaw (ES) Watershed	38,240
Total land application in Watershed by Poultry Feeding Operation (PFO)	1,801
Total land application in Watershed by non-PFO	8,450
Total moved out of the Watershed to other Oklahoma Counties	15,268
Total exported out of the Watershed to other States	12,719

Eucha-Spavinaw Grand Totals

Grand total tons of poultry waste hauled out of Watershed	27,988
Grand total tons of poultry waste produced in Watershed	38,240
Grand total tons of poultry waste land applied in Watershed	10,252
Poultry waste exported out of the Oklahoma ES Watershed in 2017	73 %

Oklahoma Water Quality Standards

Nutrient Limited Watersheds (NLW)



The purpose of this map is to provide an unofficial, graphic representation of waterbodies and their respective watersheds that are designated in the Oklahoma Water Quality Standards (OWQS), as Nutrient Limited Watersheds (NLW). The official version of the OWQS is published by the Oklahoma Secretary of State in the Oklahoma Administrative Code at Title 785, Chapter 45 (<http://www.sos.ok.gov>). A complete but unofficial version of the OWQS is available through the OWRB homepage (<http://www.owrb.ok.gov>).
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