This table created using 2001 NLCD and gis overlays of the watershed boundary and counties in the watershed

	Land Use/Land Cover (Acres)					
	Water	Developed	Forest	Pasture	Crop	Totals
Entire County						
Adair	668	16,714	209,486	142,120	325	369,313
Benton	22,020	61,902	231,008	247,725	722	563,377
Cherokee	16,368	25,535	268,179	186,520	267	496,868
Delaware	35,042	28,813	219,619	219,868	3,711	507,053
Sequoyah	24,362	25,727	195,710	203,569	7,653	457,020
Washington	4,109	53,045	301,119	253,091	528	611,892
IRWS Portions						
Adair	263	12,744	128,395	113,515	264	255,180
Benton	677	26,076	47,256	111,483	272	185,765
Cherokee	10,218	13,818	132,719	66,465	92	223,312
Delaware	35	2,975	26,077	19,710	101	48,897
Sequoyah	3,432	2,987	22,451	17,232	376	46,479
Washington	862	33,589	102,962	154,380	370	292,163
Totals	15,486	92,189	459,860	482,785	1,476	1,051,796

	% of county area which lies in IRW	% of pasture which lies in IRW
Adair	69.1%	79.9%
Benton	33.0%	45.0%
Cherokee	44.9%	35.6%
Delaware	9.6%	9.0%
Sequoyah	10.2%	8.5%
Washington	47.7%	61.0%

tabbies

EXHIBIT 2

All poultry numbers taken from the U.S. Ag Census
*D - Data withheld to avoid disclosure of information for individual farms
*NA - Not available

Number Broilers (inventory and sold) **- Countywide**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington	Total
2002	15,120,457	147,054,430	4,282,529	43,112,110	1,257,758	125,978,317	336,805,601

Number Broilers (inventory and sold) **- IRW**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington	Total	**Litter (tons)**
2002	12,077,096	66,178,659	1,526,044	3,864,722	106,470	76,843,954	160,596,945	346022.18

The following is **litter** characterization from *Agricultural waste Management Field Handbook,* Ch.4 - Ag Waste Characteristics

Broilers	**lb/d/1000#**
Weight-litter	35.00

(for these calculations, a weight of one-half the avg liveweight is assumed to calc # of AU's for each year)
(a growth/life cycle of 48 days is assumed for broilers) (ASAE, 2005)

Avg liveweight at slaughter (in lbs) from NASS-ERS

Year	Avg liveweight
2002	5.13

Number Layers (inventory and sold) **- Countywide**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington
2002	949,124	2,228,954	D	1,411,643	177,181	4,865,575

Number Layers (inventory and sold) **- IRW**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington		Litter (tons)
2002	758,090	1,003,092	0	126,545	14,999	2,967,892	4,870,617	63999.9085

The following is from Layer Waste Characterization - From Ag Waste Management Field Handbook - Ch. 4 Ag Waste Characterization
Avg layer weight assumed at 3 lb (to calculate # of A.U.'s) - From U of Missouri Extension
Composting Layer Mortalities: Agri-Foods Composter WQ211 (Fulhage et al, 1993)
Assumed to be on-site 365 days

Layers	lb/d/1000#
Weight	24

Number Pullets (inventory and sold) **- Countywide**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington
2002	896,841	2,254,725	D	1,118,707	276,329	2,182,884

Number Pullets (inventory and sold) **- IRW**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington		Litter (tons)
2002	716,330	1,014,690	D	100,285	23,391	1,331,510	3,186,207	15255.56

The following is from Pullet Waste Characterization - From Ag Waste Management Field Handbook - Ch. 4 Ag Waste Characterization
Avg pullet weight assumed at 1.5 lb (assumed that at 3 lb, pullet becomes full grown (layer))
Avg pullet growth cycle is assumed at 140 days (20 weeks)

Pullets	lb/d/1000#
Weight	45.6

Sequoyah County numbers listed are inventory only. Sold category for turkeys listed as D .

Number Turkeys (inventory and sold) **- Countywide**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington
2002	221,804	5,582,288	708,903	D	30	3,954,423

Number Turkeys (inventory and sold) **- IRW**

	Adair	Benton	Cherokee	Delaware	Sequoyah	Washington		Litter (tons)
2002	177,161	2,512,188	252,612	0	3	2,412,110	5,354,072	103577.1

The following is from **litter** characterization for turkeys from *Agricultural Waste Management Field Handbook,* Ch.4 - Ag Waste Characteristics
For these calculations, a weight of one-half the avg liveweight is assumed to calc # of AU's
Liveweight at slaughter from NASS, USDA - ERS
A growth cycle of 119 days is assumed for turkeys (ASAE, 2005)

Turkeys	**lb/d/1000#**
Weight-litter	24.3

Avg liveweight at slaughter (in lbs) from NASS-ERS

Year	Avg liveweight
2002	26.76

346022.2
63999.91
15255.56
103577.1
528854.7