

Summary of DFW 9-County Point Sources Emissions for 2007

from a June 30, 2004 STARS extract
 the VOC values have rule effectiveness incorporated into them

	2002 to 2007 Growth	Controls
EGU	none for existing	Ch.117 & SB7 rules
NEGU	TIPI-EGAS	Ch.117 rules
new EGU	N/A	at 75% of permit allowables
bank	added as growth	N/A

Updated bank values from Cory Chism Sep. 8, 2004:

ERCs:

NOx - 44.9 tpy

VOC - 176.4 tpy

DERCs:

NOx-N - 913.8 tons

NOx-O - 7735.2 tons

VOC-N - 4.0 tons

VOC-O - 8.0 tons

The "N" and "O" designation after the pollutant refers to non-ozone season versus ozone season credits.

Take 10% environmental contribution from DERCs

Take 1.15:1 offset on ERCs

Cory Chism says that they've already been discounted by the ESAD rate (rules applied)

Use the Ozone Season DERCs in the calculation

	ERCs and DERCs				Total Bank	
	ERCs as of 09/08/04		DERCs as of 09/08/04		Future Potential	
	NOx (tpy)	VOC (tpy)	NOx (tons)	VOC (tons)	NOx (tpd)	VOC (tpd)
NAA						
DFW (Cory)	44.9	176.4	7,735.2	8.0		
DFW Potential	39.0	153.4	6,961.7	7.2	19.07	0.44

The instructions from Mike Magee were to just divide the bank evenly into each of the nine counties. So, the resultant base and future emissions for the 9-county DFW area are:

County	FIPS	EGUs				NEGUs			
		2002		2007		2002		2007	
		NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC
Collin	48085	2.24	0.18	1.16	0.18	0.32	0.96	0.32	0.96
Dallas	48113	13.03	0.69	3.16	0.69	2.90	8.57	2.58	8.57
Denton	48121	0.12	0.01	0.08	0.01	0.47	0.99	0.47	0.99
Ellis	48139	3.14	0.28	3.14	0.28	34.69	5.44	33.05	5.35
Johnson	48251	0.62	0.09	0.62	0.09	3.39	0.67	3.25	0.65
Kaufman	48257	0	0	0	0	0.35	0.75	0.37	0.67
Parker	48367	0.02	0.00	0.01	0.00	2.61	0.70	2.46	0.70
Rockwall	48397	0	0	0	0	0	0	0	0
Tarrant	48439	13.42	0.51	3.23	0.51	2.01	8.47	1.91	8.47
Total		32.59	1.76	11.41	1.76	46.72	26.54	44.41	26.35

(continued)

County	FIPS	New EGUs				Bank			
		2002		2007		2002		2007	
		NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC
Collin	48085	-	-	0	0	-	-	2.12	0.05
Dallas	48113	-	-	0	0	-	-	2.12	0.05
Denton	48121	-	-	0	0	-	-	2.12	0.05
Ellis	48139	-	-	1.11	0.40	-	-	2.12	0.05
Johnson	48251	-	-	0	0	-	-	2.12	0.05
Kaufman	48257	-	-	5.73	1.39	-	-	2.12	0.05
Parker	48367	-	-	1.76	0.09	-	-	2.12	0.05
Rockwall	48397	-	-	0	0	-	-	2.12	0.05
Tarrant	48439	-	-	0	0	-	-	2.12	0.05
Total		-	-	8.61	1.88	-	-	19.07	0.44

(continued)

County	FIPS	Total			
		2002 (tpd)		2007 (tpd)	
		NOx	VOC	NOx	VOC
Collin	48085	2.56	1.13	3.60	1.18
Dallas	48113	15.93	9.26	7.87	9.30
Denton	48121	0.58	1.00	2.67	1.04
Ellis	48139	37.83	5.72	39.43	6.08
Johnson	48251	4.01	0.77	6.00	0.79
Kaufman	48257	0.35	0.75	8.22	2.11
Parker	48367	2.62	0.70	6.35	0.84
Rockwall	48397	0.00	0.00	2.12	0.05
Tarrant	48439	15.43	8.98	7.26	9.03
Total		79.31	28.30	83.50	30.43