APPENDIX B

Nitrogen Oxides (NO_x), Sulfur Dioxide (SO_2), and Direct Fine Particle ($PM_{2.5}$) Point Source Emissions (2005 and 2008), Louisville Area

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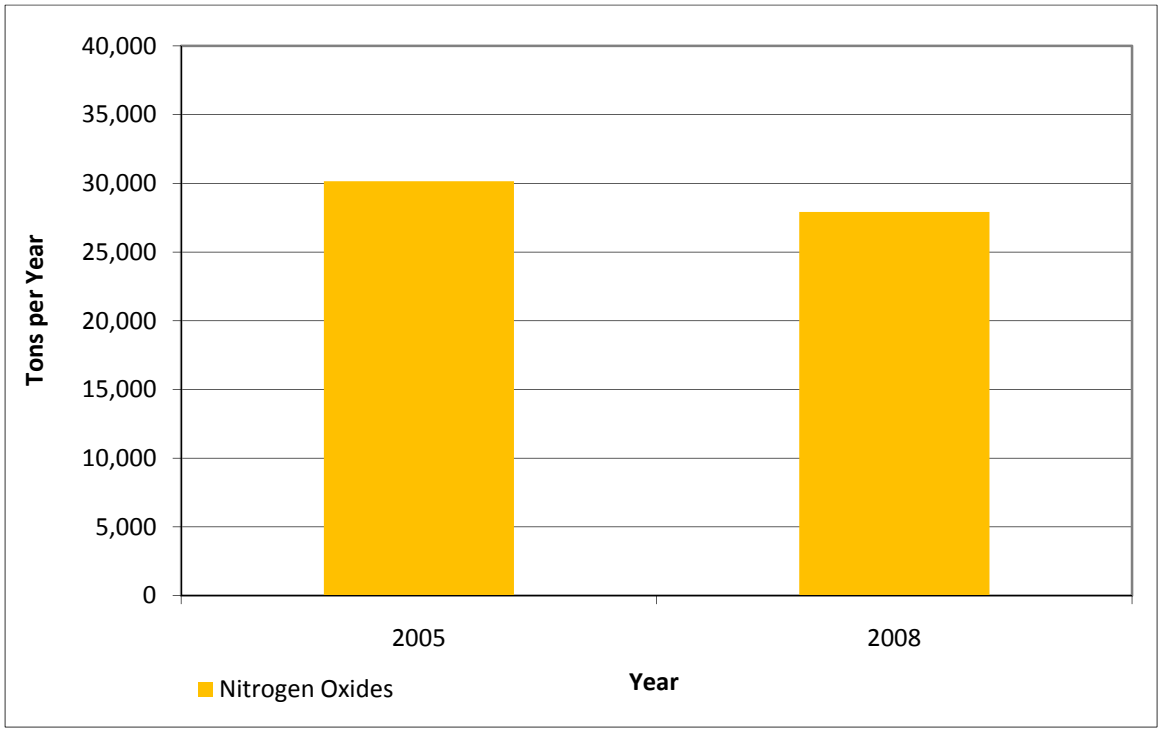
Clark, Floyd and Jefferson Counties, IN Point Source Totals (Tons per Year)			
Year	**NO_x**	**SO_2**	**Direct $PM_{2.5}$**
2005	30,155.53	134,515.58	953.48
2008	27,916.08	108,861.34	847.78

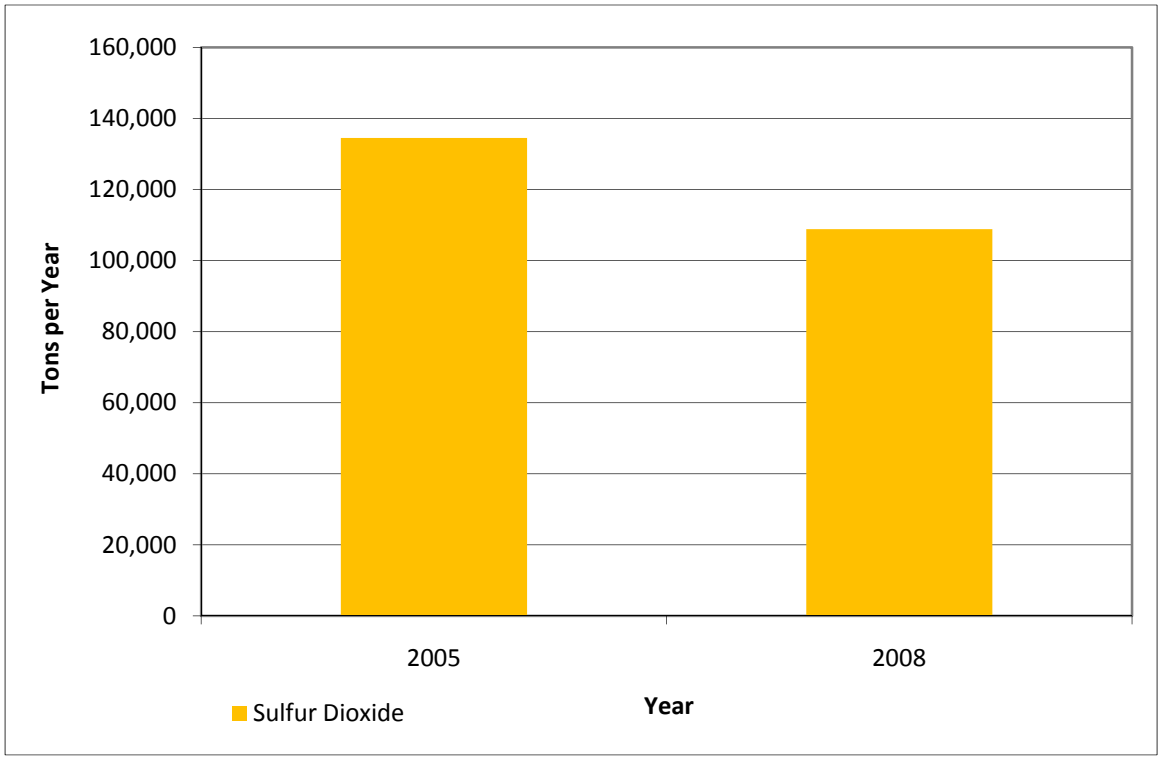
2005-Clark, Floyd and Jefferson Counties, IN Point Source Totals (Tons per Year)						
County	**EGU- NO_x**	**NON-EGU-NO_x**	**EGU-SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Clark	0.00	2,220.61	0.00	3,190.07	0.00	611.00
Floyd	5,306.09	0.19	56,666.70	0.00	36.76	12.02
Jefferson	22,620.90	7.74	74,658.70	0.11	283.00	10.70
Sub-Total	**27,926.99**	**2,228.54**	**131,325.40**	**3,190.18**	**319.76**	**633.72**
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**30,155.53**		**134,515.58**		**953.48**	

2008-Clark, Floyd and Jefferson Counties, IN Point Source Totals (Tons per Year)						
County	**EGU- NO_x**	**NON-EGU-NO_x**	**EGU-SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Clark	0.00	2,419.41	0.00	3,493.53	0.00	520.25
Floyd	4,941.90	0.19	40,433.40	0.00	31.00	3.79
Jefferson	20,546.70	7.88	64,934.30	0.11	284.50	8.24
Sub-Total	**25,488.60**	**2,427.48**	**105,367.70**	**3,493.64**	**315.50**	**532.28**
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**27,916.08**		**108,861.34**		**847.78**	

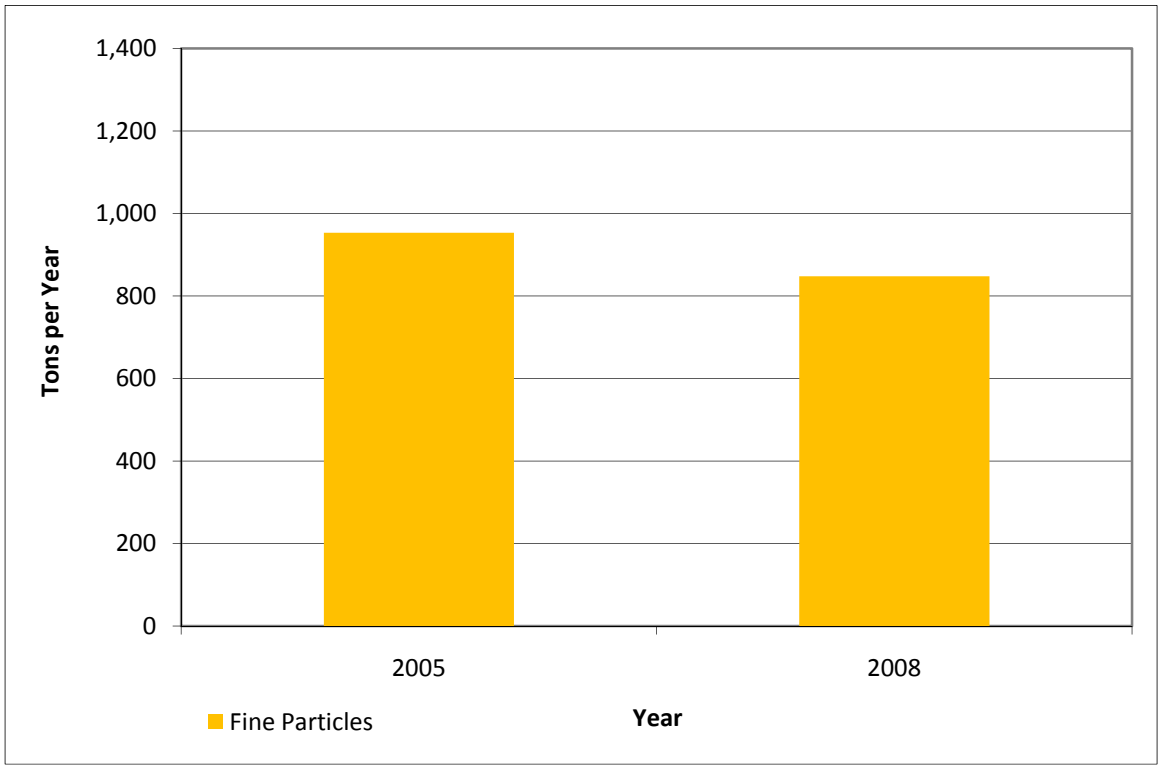
NO_x Point Source Emissions Trend, Clark, Floyd, and Jefferson Counties, Indiana, 2005 and 2008



SO_2 Point Source Emissions Trend, Clark, Floyd, and Jefferson Counties, Indiana, 2005 and 2008



Direct $PM_{2.5}$ Point Source Emissions Trend, Clark, Floyd, and Jefferson Counties, Indiana, 2005 and 2008



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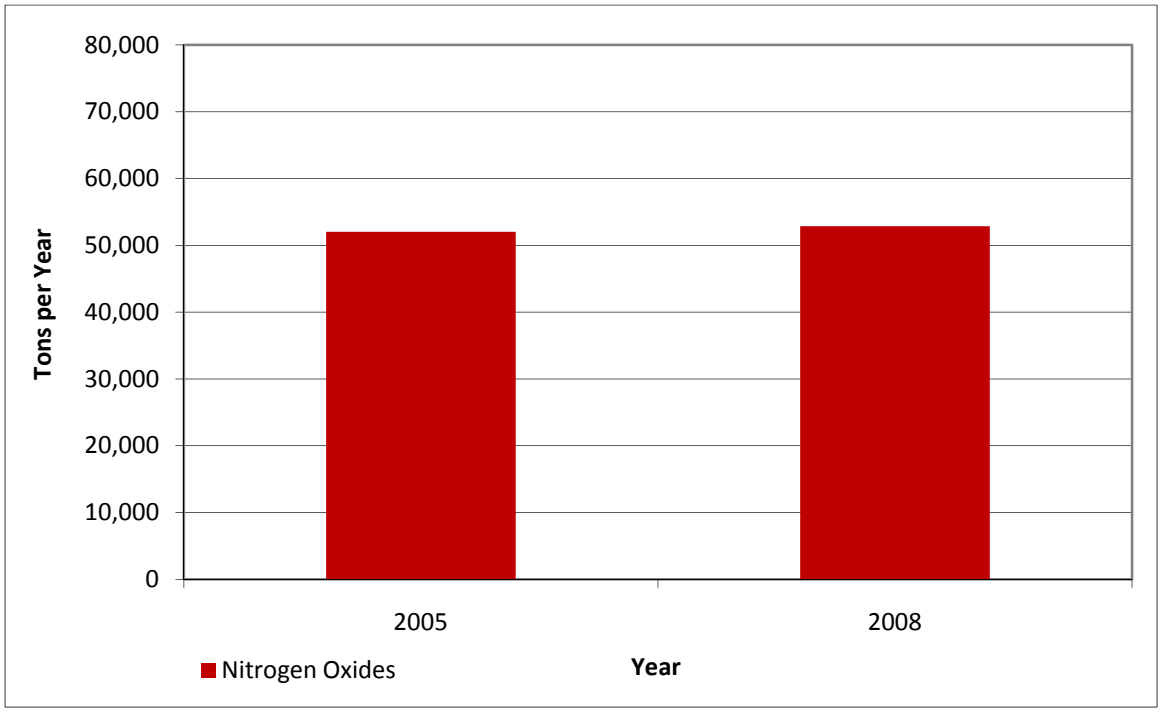
Louisville Area Point Source Totals (Tons per Year)			
Year	**NO_x**	**SO_2**	**Direct $PM_{2.5}$**
2005	52,026.30	179,619.41	4,734.31
2008	52,867.35	149,991.38	4,304.97

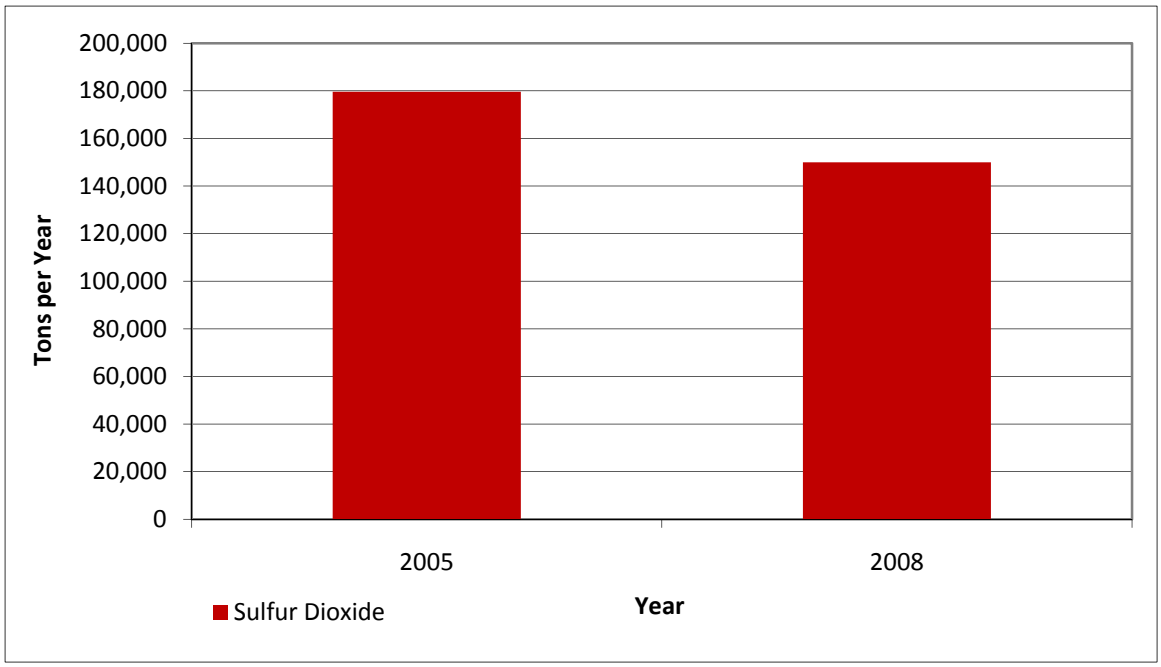
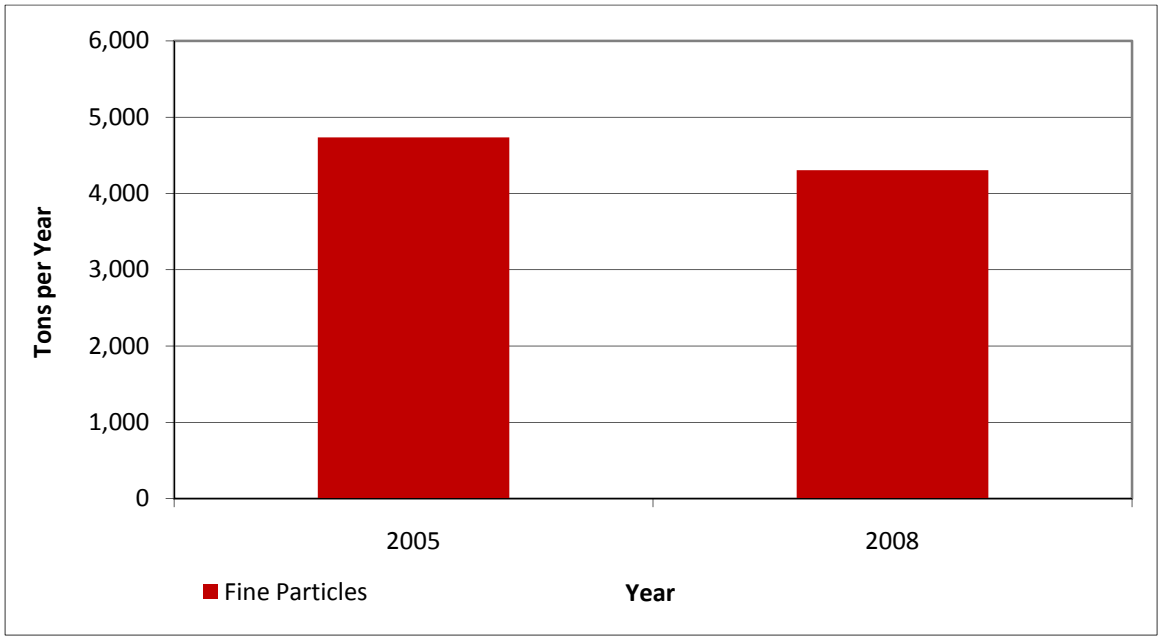
2005-Louisville Area Point Source Emissions (Tons per Year)						
County	**EGU NO_x**	**NON-EGU- NO_x**	**EGU SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Clark County, IN	0.00	2,220.61	0.00	3,190.07	0.00	611.00
Floyd County, IN	5,306.09	0.19	56,666.70	0.00	36.76	12.02
Jefferson County, IN	22,620.90	7.74	74,658.70	0.11	283.00	10.70
Bullitt County, KY	0.00	204.61	0.00	356.47	0.00	53.35
Jefferson County, KY	20,176.48	1,489.68	42,852.96	1,894.40	3,123.24	604.24
Sub-Total	**48,103.47**	**3,922.83**	**174,178.36**	**5,441.05**	**3,443.00**	**1,291.31**
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**52,026.30**		**179,619.41**		**4,734.31**	

2008-Louisville Area Point Source Emissions (Tons per Year)						
County	**EGU NO_x**	**NON-EGU- NO_x**	**EGU SO_2**	**NON-EGU-SO_2**	**EGU-Direct $PM_{2.5}$**	**NON-EGU-Direct $PM_{2.5}$**
Clark County, IN	0.00	2,419.41	0.00	3,493.53	0.00	520.25
Floyd County, IN	4,941.90	0.19	40,433.40	0.00	31.00	3.79
Jefferson County, IN	20,546.70	7.88	64,934.30	0.11	284.50	8.24
Bullitt County, KY	0.00	215.12	0.00	365.07	0.00	54.13
Jefferson County, KY	22,749.14	1,987.01	38,684.02	2,080.95	2,763.06	640.00
Sub-Total	**48,237.74**	**4,629.61**	**144,051.72**	**5,939.66**	**3,078.56**	**1,226.41**
	NO_x		**SO_2**		**Direct $PM_{2.5}$**	
Grand Total	**52,867.35**		**149,991.38**		**4,304.97**	

NO_x Point Source Emissions Trend, Louisville Area, 2005 and 2008



SO_2 Point Source Emissions Trend, Louisville Area, 2005 and 2008



Direct $PM_{2.5}$ Point Source Emissions Trend, Louisville Area, 2005 and 2008