

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-1-12 to 10-7-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)							Naphthalene ($\mu\text{g}/\text{m}^3$)						
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4
10/3/2012 1:30:00 AM	81.00	2.10	28.00	15.20	0.00	28.00	28.30	15.20	19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 1:45:00 AM	88.00	3.30	39.30	18.50	0.00	39.30	40.80	18.50	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:00:00 AM	119.00	4.50	31.70	25.60	0.00	24.70	31.70	17.40	25.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:15:00 AM	87.00	2.50	20.40	16.40	0.00	20.40	25.80	16.40	19.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:30:00 AM	92.00	2.20	25.30	19.60	0.00	24.90	25.30	17.30	19.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:45:00 AM	0.00	0.00	0.00	0.00	0.00	22.90	26.00	19.00	24.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:00:00 AM	79.00	2.30	16.10	19.30	3.20	16.10	25.20	19.30	16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:15:00 AM	92.00	2.20	40.80	20.00	0.00	24.10	40.80	23.20	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:30:00 AM	122.00	3.20	42.40	21.30	0.00	28.70	42.40	24.70	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:45:00 AM	138.00	1.80	44.70	23.80	0.00	33.00	44.70	23.90	23.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:00:00 AM	140.00	2.80	47.70	22.10	0.00	30.00	47.70	22.50	22.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:15:00 AM	127.00	2.90	51.90	26.80	0.00	30.10	51.90	22.00	26.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:30:00 AM	142.00	3.10	54.60	19.90	0.00	26.40	54.60	20.40	19.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:45:00 AM	150.00	2.90	50.10	24.20	0.00	32.60	50.10	19.80	24.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:00:00 AM	160.00	2.50	65.20	29.00	0.00	38.60	65.20	26.00	29.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:15:00 AM	160.00	2.10	65.30	32.50	0.00	40.40	65.30	30.40	32.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:30:00 AM	189.00	1.10	32.40	43.70	11.30	43.70	64.00	32.40	32.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:45:00 AM	184.00	1.40	35.20	46.00	10.80	46.00	63.00	35.20	34.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:00:00 AM	200.00	3.10	38.30	44.30	6.00	44.30	64.90	38.30	34.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:15:00 AM	174.00	3.10	61.90	34.60	0.00	42.50	61.90	36.80	34.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:30:00 AM	185.00	2.10	37.00	38.40	1.40	38.40	62.40	37.00	36.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:45:00 AM	190.00	2.40	33.00	35.40	2.40	35.40	53.80	33.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 7:00:00 AM	194.00	4.10	28.10	36.60	8.50	36.60	52.20	28.10	26.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 7:15:00 AM	202.00	3.30	21.90	26.30	4.40	26.30	42.00	21.90	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 7:30:00 AM	201.00	2.20	19.30	25.00	5.70	25.00	38.10	19.30	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 7:45:00 AM	217.00	3.30	18.70	24.00	5.30	24.00	37.10	18.70	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 8:00:00 AM	202.00	3.10	17.50	17.60	0.10	17.60	26.60	17.50	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 8:15:00 AM	203.00	3.30	18.10	17.20	0.00	17.20	24.90	18.10	15.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 8:30:00 AM	213.00	4.00	17.70	17.60	0.00	17.60	23.90	17.70	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 8:45:00 AM	222.00	3.40	18.10	16.60	0.00	16.60	24.10	18.10	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 9:00:00 AM	211.00	3.70	19.40	23.40	4.00	23.40	23.20	19.40	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 9:15:00 AM	196.00	2.60	19.70	15.60	0.00	15.60	21.90	19.70	13.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 9:30:00 AM	185.00	3.80	17.50	10.80	0.00	10.80	14.60	17.50	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 9:45:00 AM	178.00	3.90	13.40	8.10	0.00	8.10	13.40	12.80	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 10:00:00 AM	181.00	3.70	12.40	9.30	0.00	9.30	14.10	12.40	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 10:15:00 AM	195.00	3.90	12.90	17.30	4.40	17.30	25.60	12.90	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 10:30:00 AM	188.00	3.20	19.90	24.50	4.60	24.50	30.50	19.90	19.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 10:45:00 AM	165.00	2.50	26.50	20.70	0.00	24.20	26.50	19.40	20.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 11:00:00 AM	189.00	3.20	15.30	17.40	2.10	17.40	17.70	15.30	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 11:15:00 AM	174.00	3.70	10.10	7.70	0.00	9.10	10.10	10.70	7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 11:30:00 AM	167.00	3.80	11.40	15.50	4.10	11.70	11.40	88.90	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 11:45:00 AM	174.00	3.90	10.40	8.40	0.00	8.40	10.40	11.90	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 12:00:00 PM	164.00	3.80	17.10	11.50	0.00	28.90	17.10	12.80	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 12:15:00 PM	196.00	4.20	19.60	14.00	0.00	14.00	24.70	19.60	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 12:30:00 PM	205.00	3.40	20.30	15.80	0.00	15.80	20.80	20.30	16.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 12:45:00 PM	207.00	3.00	18.00	18.30	0.30	18.30	18.90	18.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 1:00:00 PM	213.00	1.50	17.80	18.80	1.00	18.80	38.10	17.80	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 1:15:00 PM	180.00	3.60	15.00	16.00	1.00	16.00	19.80	15.00	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 1:30:00 PM	198.00	3.10	13.10	15.10	2.00	15.10	16.90	13.10	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 1:45:00 PM	194.00	3.30	10.90	13.10	2.20	13.10	14.00	10.90	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:00:00 PM	182.00	3.60	9.50	8.90	0.00	8.90	12.60	9.50	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:15:00 PM	211.00	3.30	10.80	10.00	0.00	10.00	11.60	10.80	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:30:00 PM	233.00	2.20	9.80	9.00	0.00	9.00	11.20	9.80	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 2:45:00 PM	190.00	1.80	12.00	7.50	0.00	7.50	9.80	12.00	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:00:00 PM	162.00	2.60	11.60	9.60	0.00	10.20	11.60	11.50	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:15:00 PM	154.00	2.90	9.80	8.30	0.00	7.30	9.80	11.20	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:30:00 PM	210.00	2.90	11.50	6.40	0.00	6.40	8.10	11.50	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 3:45:00 PM	206.00	3.00	11.90	9.20	0.00	9.20	9.80	11.90	7.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:00:00 PM	169.00	3.90	11.30	8.20	0.00	9.90	11.30	11.30	8.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:15:00 PM	187.00	5.30	10.50	8.80	0.00	8.80	11.00	10.50	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:30:00 PM	190.00	4.40	9.00	8.00	0.00	8.00	9.70	9.00	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 4:45:00 PM	212.00	4.00	9.30	7.40	0.00	7.40	9.60	9.30	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:00:00 PM	223.00	3.80	9.80	8.50	0.00	8.50	10.10	9.80	7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:15:00 PM	217.00	4.70	10.20	8.60	0.00	8.60	10.70	10.20	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:30:00 PM	202.00	4.60	11.40	10.00	0.00	10.00	12.10	11.40	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 5:45:00 PM	210.00	2.50	15.20	13.30	0.00	13.30	18.90	15.20	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:00:00 PM	210.00	4.20	17.40	19.50	2.10	19.50	24.20	17.40	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/3/2012 6:15:00 PM	220.00	4.70	16.50	19.50	3.00	19.50	23.20	16.50	15.40	0.00	0.00	0.00	0.			

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Real-Time Air Monitoring Data
10-1-12 to 10-7-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)						
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4
10/5/2012 3:00:00 AM	297.00	4.40	25.70	23.10	0.00	26.00	23.10	22.60	25.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:15:00 AM	294.00	4.40	25.70	23.10	0.00	27.70	23.10	22.90	25.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:30:00 AM	331.00	2.90	29.90	25.00	0.00	34.80	25.00	24.20	29.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:45:00 AM	304.00	3.70	27.50	22.80	0.00	28.30	22.80	23.40	27.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:00:00 AM	314.00	3.70	26.00	23.20	0.00	30.50	23.20	22.30	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:15:00 AM	310.00	4.90	26.00	22.50	0.00	31.30	22.50	21.60	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:30:00 AM	308.00	5.10	24.00	21.50	0.00	31.10	21.50	20.50	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:45:00 AM	288.00	2.70	24.80	20.40	0.00	34.60	20.40	19.80	24.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:00:00 AM	305.00	2.50	27.00	21.70	0.00	39.00	21.70	19.30	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:15:00 AM	297.00	4.00	24.50	20.90	0.00	35.30	20.90	18.00	24.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:30:00 AM	296.00	2.00	22.50	19.40	0.00	30.90	19.40	18.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:45:00 AM	326.00	3.90	20.70	18.60	0.00	21.00	18.60	16.90	20.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:00:00 AM	279.00	3.60	21.20	19.20	0.00	29.30	19.20	17.30	21.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:15:00 AM	319.00	3.00	21.60	20.40	0.00	29.80	20.40	18.10	21.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:30:00 AM	312.00	3.30	20.50	18.10	0.00	25.00	18.10	17.20	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:45:00 AM	324.00	2.80	19.70	19.10	0.00	25.10	19.10	15.80	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:00:00 AM	337.00	3.60	19.70	18.90	0.00	24.00	18.90	14.50	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:15:00 AM	326.00	3.90	18.80	19.20	0.40	19.70	19.20	14.10	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:30:00 AM	341.00	2.60	16.60	16.00	0.00	23.90	16.00	12.60	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:45:00 AM	346.00	1.50	16.00	17.00	1.00	16.70	17.00	12.40	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 8:00:00 AM	310.00	4.10	15.20	16.70	1.50	16.60	16.70	12.10	15.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 8:15:00 AM	323.00	2.00	18.60	16.30	0.00	16.90	16.30	15.10	18.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 8:30:00 AM	286.00	2.30	19.80	14.60	0.00	16.50	14.60	12.60	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 8:45:00 AM	295.00	3.50	16.60	14.60	0.00	13.50	14.60	11.50	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 9:00:00 AM	304.00	3.70	15.10	15.40	0.30	15.70	15.40	11.80	15.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 9:15:00 AM	300.00	3.50	18.80	16.50	0.00	16.60	16.50	12.90	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 9:30:00 AM	282.00	4.10	20.50	16.60	0.00	16.40	16.60	12.90	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 9:45:00 AM	278.00	3.40	20.50	15.90	0.00	16.10	15.90	12.70	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 10:00:00 AM	297.00	3.30	17.30	15.00	0.00	18.20	15.00	12.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 10:15:00 AM	259.00	3.00	11.40	14.20	2.80	14.20	13.70	11.40	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 10:30:00 AM	273.00	4.10	14.00	12.90	0.00	14.70	12.90	10.30	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 10:45:00 AM	279.00	4.60	15.50	12.70	0.00	13.40	12.70	10.90	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 11:00:00 AM	262.00	2.90	9.60	14.80	5.20	14.80	11.20	9.60	14.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 11:15:00 AM	290.00	2.60	13.10	12.20	0.00	15.60	12.20	10.20	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 11:30:00 AM	266.00	3.30	9.00	13.00	4.00	13.00	10.40	9.00	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 11:45:00 AM	255.00	4.00	9.20	12.50	3.30	12.50	14.00	9.20	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 12:00:00 PM	249.00	4.20	9.70	11.20	1.50	11.20	14.60	9.70	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 12:15:00 PM	248.00	3.40	9.40	7.00	0.00	7.00	14.30	9.40	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 12:30:00 PM	237.00	4.40	9.80	7.10	0.00	7.10	13.30	9.80	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 12:45:00 PM	225.00	3.00	11.20	4.10	0.00	4.10	12.70	11.20	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 1:00:00 PM	225.00	3.00	11.30	12.50	1.20	12.50	12.80	11.30	10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 1:15:00 PM	235.00	3.80	9.30	11.90	2.60	11.90	11.60	9.30	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 1:30:00 PM	245.00	4.80	12.40	11.50	0.00	11.50	12.80	12.40	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 1:45:00 PM	228.00	4.30	11.10	11.80	0.70	11.80	12.10	11.10	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 2:00:00 PM	209.00	3.90	10.80	9.80	0.00	9.80	10.50	10.80	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 2:15:00 PM	226.00	3.80	10.30	9.90	0.00	9.90	10.60	10.30	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 2:30:00 PM	241.00	4.10	9.70	8.40	0.00	8.40	9.00	9.70	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 2:45:00 PM	239.00	3.40	8.50	7.20	0.00	7.20	9.10	8.50	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:00:00 PM	245.00	4.00	8.70	7.60	0.00	7.60	8.40	8.70	9.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:15:00 PM	239.00	3.50	9.30	6.90	0.00	6.90	9.50	9.30	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:30:00 PM	234.00	4.40	9.80	5.90	0.00	5.90	9.40	9.80	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 3:45:00 PM	238.00	3.60	10.00	6.50	0.00	6.50	9.50	10.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:00:00 PM	228.00	4.10	11.80	5.50	0.00	5.50	11.10	11.80	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:15:00 PM	229.00	4.20	12.10	8.30	0.00	8.30	10.30	12.10	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:30:00 PM	235.00	2.80	11.90	7.70	0.00	7.70	10.70	11.90	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 4:45:00 PM	249.00	4.00	12.50	8.50	0.00	8.50	10.60	12.50	13.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:00:00 PM	244.00	3.90	13.30	7.40	0.00	7.40	10.90	13.30	14.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:15:00 PM	258.00	4.70	13.60	7.00	0.00	7.00	10.80	13.60	14.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:30:00 PM	248.00	4.90	12.50	10.00	0.00	10.00	11.10	12.50	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 5:45:00 PM	246.00	6.30	13.60	8.60	0.00	8.60	11.50	13.60	14.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:00:00 PM	234.00	4.50	13.00	8.20	0.00	8.20	11.50	13.00	13.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:15:00 PM	244.00	4.20	13.00	8.40	0.00	8.40	11.60	13.00	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:30:00 PM	222.00	3.20	13.10	5.90	0.00	5.90	12.00	13.10	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 6:45:00 PM	229.00	3.60	12.20	5.20	0.00	5.20	10.70	12.20	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:00:00 PM	237.00	3.30	10.60	5.40	0.00	5.40	10.20	10.60	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:15:00 PM	237.00	4.70	10.00	18.20	8.20	18.20	9.40	10.00	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:30:00 PM	238.00	4.90	10.20	21.30	11.10	21.30	10.10	10.20	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/5/2012 7:45:00 PM	250.00	3.70	10.20													

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-1-12 to 10-7-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/6/2012 3:45:00 AM	278.00	2.80	28.90	32.90	4.00	36.10	32.90	30.00	28.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:00:00 AM	274.00	3.60	28.00	32.20	4.20	35.40	32.20	29.30	28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:15:00 AM	275.00	3.70	28.10	33.10	5.00	37.00	33.10	29.30	28.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:30:00 AM	273.00	2.80	28.00	32.60	4.60	36.70	32.60	29.20	28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:45:00 AM	252.00	2.60	30.20	36.10	5.90	36.10	33.10	30.20	26.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:00:00 AM	255.00	3.20	30.60	35.80	5.20	35.80	33.90	30.60	27.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:15:00 AM	265.00	3.50	30.00	37.10	7.10	37.10	32.10	30.00	28.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:30:00 AM	273.00	4.00	28.10	33.20	5.10	35.90	33.20	28.90	28.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:45:00 AM	277.00	3.10	28.40	32.40	4.00	32.70	32.40	29.70	28.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:00:00 AM	278.00	3.30	26.30	32.90	6.60	30.50	32.90	29.40	26.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:15:00 AM	278.00	3.60	26.60	32.20	5.60	29.20	32.20	29.70	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:30:00 AM	266.00	2.70	28.50	29.30	0.80	29.30	32.00	28.50	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:45:00 AM	272.00	3.70	25.80	31.90	6.10	28.70	31.90	28.10	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:15:00 AM	283.00	3.20	26.70	30.30	3.60	29.00	30.30	27.40	26.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:30:00 AM	290.00	2.50	28.40	28.50	0.10	27.10	28.50	25.80	28.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:45:00 AM	0.00	0.00	0.00	0.00	0.00	24.70	28.70	26.00	25.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 8:00:00 AM	289.00	4.00	23.10	27.90	4.80	25.10	27.90	24.90	23.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 8:15:00 AM	313.00	2.60	22.40	27.30	4.90	21.90	27.30	24.00	22.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 8:30:00 AM	0.00	0.00	0.00	0.00	0.00	19.00	24.80	22.10	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 8:45:00 AM	293.00	4.80	19.80	23.80	4.00	14.70	23.80	21.60	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 9:00:00 AM	314.00	4.30	19.70	28.90	9.20	14.40	28.90	30.90	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 9:15:00 AM	288.00	2.70	19.80	24.40	4.60	14.80	24.40	20.50	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 9:30:00 AM	343.00	2.90	16.70	21.80	5.10	21.40	21.80	18.90	16.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 9:45:00 AM	324.00	5.40	18.10	19.90	1.80	23.20	19.90	17.80	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 10:00:00 AM	315.00	4.50	16.50	19.40	2.90	21.70	19.40	15.50	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 10:15:00 AM	340.00	5.50	16.60	20.00	3.40	22.60	20.00	15.90	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 10:30:00 AM	342.00	3.20	14.80	19.50	4.70	19.30	19.50	19.70	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 10:45:00 AM	338.00	3.50	14.80	16.70	1.90	18.80	16.70	30.20	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 11:00:00 AM	305.00	6.00	16.10	13.30	0.00	18.60	13.30	25.80	16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 11:15:00 AM	340.00	3.30	11.40	12.20	0.80	13.90	12.20	11.50	11.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 11:30:00 AM	277.00	3.50	11.20	10.10	0.00	14.90	10.10	8.90	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 11:45:00 AM	304.00	4.10	10.40	11.50	1.10	15.70	11.50	9.50	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 12:00:00 PM	295.00	5.70	9.40	11.90	2.50	16.10	11.90	18.10	9.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 12:15:00 PM	276.00	4.30	10.10	11.40	1.30	14.90	11.40	8.80	10.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 12:30:00 PM	283.00	4.40	9.60	10.10	0.50	14.40	10.10	8.00	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 12:45:00 PM	292.00	3.50	9.30	10.80	1.50	13.40	10.80	7.80	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 1:00:00 PM	333.00	3.30	9.10	10.60	1.50	13.80	10.60	7.80	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 1:15:00 PM	323.00	3.30	8.80	10.00	1.20	12.70	10.00	9.00	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 1:30:00 PM	287.00	2.30	8.50	9.70	1.20	12.10	9.70	7.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 1:45:00 PM	298.00	4.00	7.30	9.00	1.70	11.80	9.00	6.20	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 2:00:00 PM	339.00	3.90	7.30	7.90	0.60	11.90	7.90	5.90	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 2:15:00 PM	4.00	4.00	11.80	6.40	0.00	11.80	8.20	6.40	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 2:30:00 PM	294.00	3.60	7.80	9.40	1.60	12.90	9.40	6.80	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 2:45:00 PM	333.00	4.00	8.00	9.70	1.70	13.60	9.70	6.90	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 3:00:00 PM	329.00	4.80	8.20	11.30	3.10	10.30	11.30	6.20	8.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 3:15:00 PM	339.00	3.30	7.80	11.80	4.00	16.40	11.80	8.20	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 3:30:00 PM	343.00	2.80	8.10	12.70	4.60	17.30	12.70	8.40	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 3:45:00 PM	344.00	3.10	8.30	12.40	4.10	15.10	12.40	8.10	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:00:00 PM	350.00	3.40	6.40	11.20	4.80	13.70	11.20	7.00	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:15:00 PM	315.00	4.30	5.50	10.30	4.80	15.50	10.30	6.40	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:30:00 PM	296.00	4.40	5.40	8.70	3.30	11.20	8.70	5.20	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 4:45:00 PM	307.00	4.10	4.80	8.60	3.80	9.40	8.60	4.00	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:00:00 PM	302.00	3.00	3.70	7.70	4.00	10.60	7.70	4.20	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:15:00 PM	328.00	2.80	3.90	7.90	4.00	12.70	7.90	4.10	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:30:00 PM	345.00	2.80	3.90	7.70	3.80	12.90	7.70	3.50	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 5:45:00 PM	328.00	3.70	4.30	7.40	3.10	12.10	7.40	4.30	4.30	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:00:00 PM	11.00	2.60	10.30	3.10	0.00	10.30	6.60	3.10	3.90	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00
10/6/2012 6:15:00 PM	352.00	3.40	4.20	7.30	3.10	12.70	7.30	4.40	4.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:30:00 PM	349.00	2.90	4.70	7.70	3.00	11.40	7.70	3.60	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 6:45:00 PM	359.00	2.50	7.20	8.80	1.60	14.30	8.80	6.00	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:00:00 PM	338.00	2.60	7.30	10.20	2.90	13.50	10.20	7.40	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:15:00 PM	305.00	2.70	6.50	9.40	2.90	15.50	9.40	5.80	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:30:00 PM	326.00	3.00	10.20	10.70	0.50	15.60	10.70	6.70	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 7:45:00 PM	318.00	3.00	5.30	8.60	3.30	14.50	8.60	5.40	5.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/6/2012 8:00:00 PM	323.00	3.10	4.60	7.80	3.20	14.50											

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-1-12 to 10-7-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)								Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/7/2012 4:45:00 AM	301.00	2.70	6.70	8.70	2.00	13.30	8.70	6.70	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:00:00 AM	309.00	2.00	5.70	7.70	2.00	12.60	7.70	5.90	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:15:00 AM	305.00	1.50	5.00	8.00	3.00	13.20	8.00	6.30	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:30:00 AM	290.00	2.10	5.90	7.60	1.70	13.00	7.60	5.70	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:45:00 AM	292.00	2.50	5.60	6.80	1.20	12.50	6.80	6.00	5.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:00:00 AM	302.00	3.00	5.50	7.20	1.70	11.80	7.20	5.90	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:15:00 AM	296.00	3.60	5.40	9.00	3.60	10.90	9.00	6.00	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:30:00 AM	288.00	2.60	5.70	10.50	4.80	6.50	10.50	6.70	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:45:00 AM	305.00	3.50	6.10	10.00	3.90	6.50	10.00	6.40	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:00:00 AM	303.00	3.20	6.80	10.10	3.30	5.70	10.10	6.70	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:15:00 AM	305.00	3.20	6.50	10.90	4.40	6.20	10.90	7.10	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 1:30:00 PM	296.00	4.50	3.00	4.30	1.30	6.30	4.30	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 1:45:00 PM	278.00	3.80	3.40	4.40	1.00	5.00	4.40	3.40	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 2:00:00 PM	276.00	3.80	3.80	4.90	1.10	8.50	4.90	3.80	3.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 2:15:00 PM	262.00	3.90	3.40	5.90	2.50	5.90	4.50	3.40	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 2:30:00 PM	300.00	3.80	2.60	4.50	1.90	5.20	4.50	3.40	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 2:45:00 PM	241.00	3.80	2.50	4.10	1.60	4.10	4.40	2.50	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 3:00:00 PM	295.00	3.20	2.30	4.20	1.90	3.70	4.20	2.10	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 3:15:00 PM	293.00	2.80	2.80	4.60	1.80	5.20	4.60	2.40	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 3:30:00 PM	319.00	4.60	2.80	5.00	2.20	7.70	5.00	2.50	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 3:45:00 PM	306.00	5.50	2.80	5.00	2.20	6.10	5.00	2.20	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 4:00:00 PM	284.00	4.60	2.60	4.50	1.90	7.10	4.50	1.90	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 4:15:00 PM	310.00	4.30	2.20	4.70	2.50	5.90	4.70	2.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 4:30:00 PM	305.00	2.80	2.50	4.60	2.10	5.60	4.60	2.80	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 4:45:00 PM	248.00	4.50	3.10	3.90	0.80	3.90	6.10	3.10	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:00:00 PM	303.00	2.70	3.10	9.50	6.40	4.80	9.50	4.90	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:15:00 PM	275.00	3.90	3.10	8.80	5.70	7.50	8.80	3.40	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:30:00 PM	260.00	1.70	3.50	0.10	0.00	0.10	8.90	3.50	3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 5:45:00 PM	269.00	2.10	3.80	7.80	4.00	7.80	8.90	3.80	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:00:00 PM	274.00	2.30	4.00	8.70	4.70	5.80	8.70	3.80	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:15:00 PM	260.00	2.20	4.20	5.30	1.10	5.30	8.70	4.20	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:30:00 PM	242.00	1.50	3.10	3.70	0.60	3.70	8.20	3.10	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 6:45:00 PM	214.00	0.80	3.60	8.20	4.60	8.20	8.60	3.60	4.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:00:00 PM	211.00	1.00	4.70	9.60	4.90	9.60	8.40	4.70	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:15:00 PM	209.00	1.70	4.50	10.50	6.00	10.50	8.90	4.50	4.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:30:00 PM	208.00	2.30	5.20	9.70	4.50	9.70	9.80	5.20	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 7:45:00 PM	202.00	2.40	6.70	9.10	2.40	9.10	9.40	6.70	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 8:00:00 PM	214.00	2.10	8.60	11.10	2.50	11.10	11.00	8.60	8.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 8:15:00 PM	213.00	2.10	9.90	11.70	1.80	11.70	11.40	9.90	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 8:30:00 PM	211.00	2.50	13.90	10.90	0.00	10.90	13.50	13.90	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 8:45:00 PM	211.00	2.30	12.90	10.80	0.00	10.80	13.10	12.90	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 9:00:00 PM	215.00	2.30	19.10	18.70	0.00	18.70	18.00	19.10	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 9:15:00 PM	216.00	2.30	19.90	13.80	0.00	13.80	20.40	19.90	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 9:30:00 PM	214.00	2.10	21.40	14.30	0.00	14.30	17.20	21.40	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 9:45:00 PM	212.00	2.10	19.60	14.10	0.00	14.10	17.40	19.60	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 10:00:00 PM	215.00	1.90	20.00	15.10	0.00	15.10	17.40	20.00	22.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 10:15:00 PM	217.00	2.20	19.80	15.00	0.00	15.00	18.60	19.80	23.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 10:30:00 PM	211.00	1.80	24.60	17.20	0.00	17.20	20.30	24.60	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 10:45:00 PM	215.00	1.70	26.30	19.40	0.00	19.40	20.70	26.30	25.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 11:00:00 PM	213.00	1.80	26.80	21.40	0.00	21.40	22.00	26.80	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 11:15:00 PM	214.00	2.00	28.70	22.50	0.00	22.50	26.00	28.70	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 11:30:00 PM	210.00	1.60	31.10	22.20	0.00	22.20	28.80	31.10	25.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/7/2012 11:45:00 PM	210.00	1.80	34.80	21.00	0.00	21.00	28.10	34.80	26.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-8-12 to 10-15-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)								Naphthalene ($\mu\text{g}/\text{m}^3$)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/9/2012 12:45:00 AM	201.00	5.70	15.00	0.20	0.00	0.20	17.50	15.00	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:00:00 AM	193.00	4.80	14.20	0.20	0.00	0.20	16.60	14.20	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:15:00 AM	201.00	5.30	13.90	0.20	0.00	0.20	16.50	13.90	10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:30:00 AM	206.00	5.40	14.30	0.20	0.00	0.20	17.10	14.30	10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:45:00 AM	207.00	5.20	14.50	0.20	0.00	0.20	16.50	14.50	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:00:00 AM	204.00	5.60	14.50	0.20	0.00	0.20	16.20	14.50	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:15:00 AM	202.00	5.90	13.90	0.20	0.00	0.20	15.20	13.90	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:30:00 AM	210.00	6.20	14.10	0.20	0.00	0.20	14.60	14.10	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:45:00 AM	202.00	7.20	14.70	0.20	0.00	0.20	15.30	14.70	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:00:00 AM	209.00	5.20	14.10	0.20	0.00	0.20	14.30	14.10	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:15:00 AM	196.00	6.20	14.60	0.20	0.00	0.20	14.30	14.60	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:30:00 AM	199.00	5.00	14.10	0.20	0.00	0.20	13.60	14.10	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:45:00 AM	201.00	5.30	13.50	0.20	0.00	0.20	13.50	13.50	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:00:00 AM	216.00	5.40	14.00	0.20	0.00	0.20	13.10	14.00	10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:15:00 AM	206.00	4.50	13.50	0.20	0.00	0.20	13.40	13.50	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:30:00 AM	200.00	5.80	14.10	0.20	0.00	0.20	13.50	14.10	10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:45:00 AM	200.00	6.00	14.10	0.20	0.00	0.20	13.70	14.10	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 5:00:00 AM	221.00	3.80	14.00	0.20	0.00	0.20	13.50	14.00	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 5:15:00 AM	201.00	5.30	13.90	0.20	0.00	0.20	13.30	13.90	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 5:30:00 AM	204.00	4.80	13.20	0.20	0.00	0.20	12.90	13.20	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 5:45:00 AM	211.00	4.40	14.10	0.20	0.00	0.20	12.90	14.10	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 6:00:00 AM	206.00	4.40	13.70	0.20	0.00	0.20	13.20	13.70	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 6:15:00 AM	210.00	3.80	14.50	0.20	0.00	0.20	12.60	14.50	11.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 6:30:00 AM	203.00	4.50	14.50	0.20	0.00	0.20	12.30	14.50	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 6:45:00 AM	202.00	5.40	14.60	0.20	0.00	0.20	34.40	14.60	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 7:00:00 AM	193.00	5.70	14.60	0.20	0.00	0.20	16.10	14.60	11.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 7:15:00 AM	207.00	5.20	15.10	0.20	0.00	0.20	12.90	15.10	12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 7:30:00 AM	195.00	5.20	15.10	0.20	0.00	0.20	13.40	15.10	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 7:45:00 AM	204.00	4.80	14.90	0.20	0.00	0.20	13.40	14.90	11.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 8:00:00 AM	206.00	6.20	16.20	0.20	0.00	0.20	13.70	16.20	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 8:15:00 AM	219.00	6.60	15.50	0.20	0.00	0.20	14.00	15.50	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 8:30:00 AM	206.00	6.80	15.10	0.20	0.00	0.20	13.30	15.10	12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 8:45:00 AM	209.00	6.30	15.60	0.20	0.00	0.20	13.40	15.60	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 9:00:00 AM	201.00	7.30	14.30	0.20	0.00	0.20	12.70	14.30	12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 9:15:00 AM	208.00	6.30	13.90	0.20	0.00	0.20	13.90	13.90	11.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 9:30:00 AM	209.00	9.20	17.70	0.20	0.00	0.20	12.10	17.70	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 9:45:00 AM	209.00	5.20	12.40	0.20	0.00	0.20	12.40	12.40	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 10:00:00 AM	204.00	9.00	12.00	0.20	0.00	0.20	12.00	12.00	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 10:15:00 AM	213.00	7.20	17.10	0.20	0.00	0.20	11.90	17.10	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 10:30:00 AM	208.00	9.50	12.20	0.20	0.00	0.20	13.10	12.20	35.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 10:45:00 AM	215.00	6.80	11.40	0.20	0.00	0.20	10.90	11.40	26.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 11:00:00 AM	210.00	8.30	19.50	0.20	0.00	0.20	11.60	19.50	24.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 11:15:00 AM	223.00	8.90	14.30	0.20	0.00	0.20	11.00	14.30	38.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 11:30:00 AM	213.00	9.50	13.60	0.20	0.00	0.20	12.20	13.60	34.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 11:45:00 AM	202.00	8.70	16.10	0.20	0.00	0.20	15.30	16.10	14.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 12:00:00 PM	221.00	9.70	15.50	0.20	0.00	0.20	19.00	15.50	21.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 12:15:00 PM	212.00	9.30	20.10	0.20	0.00	0.20	17.20	20.10	48.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 12:30:00 PM	219.00	7.50	18.00	0.20	0.00	0.20	15.10	18.00	16.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 12:45:00 PM	223.00	8.10	17.50	0.20	0.00	0.20	19.70	17.50	50.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:00:00 PM	213.00	9.40	22.90	0.20	0.00	0.20	69.10	22.90	41.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:15:00 PM	217.00	8.40	17.40	0.20	0.00	0.20	23.90	17.40	27.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:30:00 PM	221.00	9.80	20.30	0.20	0.00	0.20	23.30	20.30	55.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 1:45:00 PM	226.00	8.30	24.70	0.20	0.00	0.20	20.90	24.70	59.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:00:00 PM	220.00	7.80	16.40	0.20	0.00	0.20	17.50	16.40	19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:15:00 PM	214.00	9.30	18.70	0.20	0.00	0.20	32.90	18.70	26.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:30:00 PM	216.00	11.20	27.50	0.20	0.00	0.20	23.30	27.50	49.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 2:45:00 PM	234.00	7.40	23.50	0.20	0.00	0.20	26.40	23.50	53.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:00:00 PM	213.00	9.10	40.30	0.20	0.00	0.20	42.90	40.30	22.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:15:00 PM	234.00	8.80	19.00	0.20	0.00	0.20	22.30	19.00	20.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:30:00 PM	225.00	8.40	21.60	0.20	0.00	0.20	23.20	21.60	32.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 3:45:00 PM	225.00	7.50	22.10	0.20	0.00	0.20	41.20	22.10	26.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:00:00 PM	225.00	10.20	22.30	0.20	0.00	0.20	22.60	22.30	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:15:00 PM	222.00	8.80	21.50	0.20	0.00	0.20	21.10	21.50	20.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:30:00 PM	213.00	6.40	18.70	0.20	0.00	0.20	23.30	18.70	20.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/9/2012 4:45:00 PM	207.00	5.40																

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-8-12 to 10-15-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)								Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/10/2012 1:30:00 AM	0.00	0.00	0.00	0.00	0.00	0.20	16.60	17.90	33.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 1:45:00 AM	0.00	0.00	0.00	0.00	0.00	0.20	18.60	20.70	37.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:00:00 AM	276.00	3.40	36.20	17.60	0.00	0.20	17.60	18.30	36.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:15:00 AM	271.00	3.30	35.20	16.70	0.00	0.20	16.70	19.30	35.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:30:00 AM	270.00	3.80	47.80	16.00	0.00	0.20	16.00	19.00	47.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:45:00 AM	277.00	3.30	33.90	17.20	0.00	0.20	17.20	18.70	33.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:00:00 AM	280.00	3.20	30.10	13.70	0.00	0.20	13.70	15.50	30.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:15:00 AM	282.00	3.40	37.40	13.90	0.00	0.20	13.90	15.70	37.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:30:00 AM	287.00	4.40	39.60	14.30	0.00	0.20	14.30	15.80	39.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:45:00 AM	288.00	4.80	43.70	15.50	0.00	0.20	15.50	16.50	43.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:00:00 AM	290.00	2.90	47.60	17.50	0.00	0.20	17.50	18.70	47.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:15:00 AM	279.00	3.60	63.50	19.70	0.00	0.20	19.70	21.60	63.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:30:00 AM	304.00	3.50	72.70	23.90	0.00	0.20	23.90	23.50	72.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:45:00 AM	296.00	3.60	61.80	24.10	0.00	0.20	24.10	21.50	61.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:00:00 AM	299.00	3.30	67.50	23.10	0.00	0.20	23.10	19.50	67.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:15:00 AM	281.00	2.70	49.40	23.20	0.00	0.20	23.20	19.50	49.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:30:00 AM	288.00	3.20	47.60	18.80	0.00	0.20	18.80	16.40	47.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:45:00 AM	286.00	4.40	40.40	16.80	0.00	0.20	16.80	15.40	40.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:00:00 AM	284.00	2.70	40.50	16.20	0.00	0.20	16.20	13.80	40.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:15:00 AM	284.00	3.90	36.40	16.50	0.00	0.20	16.50	14.10	36.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:30:00 AM	289.00	4.10	35.90	15.60	0.00	0.20	15.60	13.50	35.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:45:00 AM	288.00	4.10	34.50	15.10	0.00	0.20	15.10	13.40	34.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 7:00:00 AM	281.00	4.40	32.90	15.10	0.00	0.20	15.10	13.70	32.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 7:15:00 AM	282.00	4.90	30.60	14.30	0.00	0.20	14.30	12.50	30.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 7:30:00 AM	287.00	4.20	30.10	13.80	0.00	0.20	13.80	12.00	30.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 7:45:00 AM	283.00	4.50	29.40	13.50	0.00	0.20	13.50	12.80	29.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 8:00:00 AM	288.00	4.10	28.20	11.90	0.00	0.20	11.90	11.30	28.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 8:15:00 AM	287.00	3.80	25.80	12.30	0.00	0.20	12.30	11.30	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 8:30:00 AM	305.00	4.50	26.30	10.90	0.00	0.20	10.90	9.70	26.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 8:45:00 AM	321.00	4.80	23.20	10.70	0.00	0.20	10.70	9.00	23.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 9:00:00 AM	306.00	3.20	23.30	10.20	0.00	0.20	10.20	8.90	23.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 9:15:00 AM	296.00	4.30	24.80	10.30	0.00	0.20	10.30	8.60	24.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 9:30:00 AM	285.00	3.90	23.50	9.60	0.00	0.20	9.60	7.90	23.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 9:45:00 AM	308.00	4.30	19.70	9.70	0.00	0.20	9.70	7.90	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 10:00:00 AM	276.00	4.30	19.70	10.60	0.00	0.20	10.60	7.70	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 10:15:00 AM	305.00	5.80	21.80	9.90	0.00	0.20	9.90	7.30	21.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 10:30:00 AM	314.00	5.60	19.70	8.60	0.00	0.20	8.60	7.30	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 10:45:00 AM	315.00	6.40	20.20	8.20	0.00	0.20	8.20	6.50	20.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 11:00:00 AM	347.00	5.30	23.30	8.20	0.00	0.20	8.20	6.60	23.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 11:15:00 AM	322.00	7.40	21.10	7.90	0.00	0.20	7.90	6.00	21.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 11:30:00 AM	319.00	5.00	18.80	8.10	0.00	0.20	8.10	8.00	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 11:45:00 AM	308.00	6.90	21.00	8.30	0.00	0.20	8.30	6.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 12:00:00 PM	312.00	7.20	12.80	6.50	0.00	0.20	6.50	16.20	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 12:15:00 PM	324.00	6.30	14.70	5.40	0.00	0.20	5.40	4.80	14.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 12:30:00 PM	313.00	6.70	17.20	5.20	0.00	0.20	5.20	3.90	17.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 12:45:00 PM	323.00	7.10	14.10	4.90	0.00	0.20	4.90	3.80	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 1:00:00 PM	314.00	6.30	9.70	4.40	0.00	0.20	4.40	2.70	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 1:15:00 PM	306.00	7.30	5.40	4.90	0.00	0.20	4.90	2.80	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 1:30:00 PM	302.00	5.70	11.10	6.60	0.00	0.20	6.60	3.10	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 1:45:00 PM	300.00	6.10	6.70	7.60	0.90	0.20	7.60	3.90	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:00:00 PM	289.00	7.00	7.30	7.10	0.00	0.20	7.10	2.40	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:15:00 PM	309.00	6.70	8.00	18.80	10.80	0.20	18.80	2.90	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:30:00 PM	287.00	6.10	7.60	6.90	0.00	0.20	6.90	15.10	7.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 2:45:00 PM	309.00	8.20	5.20	10.30	5.10	0.20	10.30	4.40	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:00:00 PM	280.00	6.50	7.70	16.30	8.60	0.20	16.30	4.80	7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:15:00 PM	289.00	6.00	7.80	5.90	0.00	0.20	5.90	3.00	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:30:00 PM	270.00	7.10	4.80	7.70	2.90	0.20	7.70	3.60	4.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 3:45:00 PM	285.00	6.70	8.40	7.30	0.00	0.20	7.30	4.40	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:00:00 PM	287.00	4.70	10.70	7.00	0.00	0.20	7.00	4.70	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:15:00 PM	305.00	4.60	10.90	7.00	0.00	0.20	7.00	4.10	10.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:30:00 PM	274.00	6.60	10.60	8.00	0.00	0.20	8.00	4.80	10.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 4:45:00 PM	297.00	5.90	8.70	8.20	0.00	0.20	8.20	5.20	8.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:00:00 PM	289.00	6.50	15.60	8.70	0.00	0.20	8.70	5.00	15.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:15:00 PM	304.00	4.40	14.50	10.10	0.00	0.20	10.10	5.10	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:30:00 PM	289.00	5.30	9.90	8.60	0.00	0.20	8.60	4.80	9.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 5:45:00 PM	289.00	3.50	10.40	8.70	0.00	0.20	8.70	4.90	10.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:00:00 PM	288.00	4.30	9.30	9.10	0.00	0.20	9.10	5.00	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
10/10/2012 6:15:00 PM	284.00	4.60	9.00	9.40	0.40	0.20	9.40	5.00	9.0									

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-8-12 to 10-15-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)								Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/11/2012 2:15:00 AM	210.00	1.70	43.40	0.20	0.00	0.20	42.50	43.40	8244.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:30:00 AM	199.00	1.90	35.80	0.20	0.00	0.20	37.70	35.80	8245.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:45:00 AM	203.00	3.00	24.40	0.20	0.00	0.20	22.70	24.40	8245.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:00:00 AM	205.00	3.50	15.90	0.20	0.00	0.20	15.00	15.90	8245.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:15:00 AM	200.00	2.90	14.50	0.20	0.00	0.20	14.40	14.50	8245.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:30:00 AM	204.00	3.20	14.10	0.20	0.00	0.20	13.90	14.10	8245.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:45:00 AM	208.00	2.80	13.70	0.20	0.00	0.20	13.80	13.70	8245.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:00:00 AM	201.00	4.10	13.10	0.20	0.00	0.20	13.10	13.10	8245.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:15:00 AM	211.00	3.30	13.20	0.20	0.00	0.20	13.00	13.20	8245.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:30:00 AM	214.00	3.60	13.30	0.20	0.00	0.20	12.70	13.30	8245.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:45:00 AM	209.00	3.50	14.00	0.20	0.00	0.20	13.20	14.00	8246.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:00:00 AM	210.00	3.50	13.50	0.20	0.00	0.20	12.50	13.50	8246.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:15:00 AM	217.00	4.40	12.70	0.20	0.00	0.20	11.40	12.70	8246.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:30:00 AM	211.00	3.90	12.50	0.20	0.00	0.20	10.70	12.50	8245.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:45:00 AM	205.00	3.40	11.10	0.20	0.00	0.20	10.10	11.10	8246.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:00:00 AM	208.00	2.70	10.30	0.20	0.00	0.20	9.60	10.30	8246.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:15:00 AM	196.00	3.60	10.10	0.20	0.00	0.20	9.30	10.10	8245.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:30:00 AM	219.00	3.20	10.10	0.20	0.00	0.20	9.40	10.10	8246.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:45:00 AM	221.00	4.20	10.10	0.20	0.00	0.20	10.50	10.10	8245.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 7:00:00 AM	217.00	5.60	10.30	0.20	0.00	0.20	10.00	10.30	8246.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 7:15:00 AM	213.00	6.30	10.10	0.20	0.00	0.20	9.50	10.10	8246.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 7:30:00 AM	214.00	5.60	15.10	0.20	0.00	0.20	15.70	15.10	8246.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 7:45:00 AM	219.00	5.70	16.50	0.20	0.00	0.20	15.90	16.50	8246.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 8:00:00 AM	232.00	7.10	12.70	0.20	0.00	0.20	12.30	12.70	8246.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 8:15:00 AM	222.00	6.80	11.20	0.20	0.00	0.20	10.40	11.20	8246.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 8:30:00 AM	230.00	6.10	11.40	0.20	0.00	0.20	11.20	11.40	8246.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 8:45:00 AM	225.00	5.10	10.10	0.20	0.00	0.20	9.00	10.10	8241.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 9:00:00 AM	223.00	7.50	9.00	0.20	0.00	0.20	10.20	9.00	8242.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 9:15:00 AM	228.00	6.80	9.00	0.20	0.00	0.20	9.20	9.00	8241.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 9:30:00 AM	233.00	6.30	8.90	0.20	0.00	0.20	8.20	8.90	8241.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 9:45:00 AM	216.00	7.40	8.30	0.20	0.00	0.20	13.50	8.30	8241.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 10:00:00 AM	224.00	4.60	8.70	0.20	0.00	0.20	8.30	8.70	8241.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 10:15:00 AM	230.00	8.10	8.60	7.30	0.00	7.30	7.60	8.60	8242.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 10:30:00 AM	237.00	10.20	8.40	4.10	0.00	4.10	4.90	8.40	8242.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 10:45:00 AM	239.00	9.20	7.70	3.60	0.00	3.60	5.30	7.70	8242.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 11:00:00 AM	222.00	7.00	6.30	1.80	0.00	1.80	4.40	6.30	8241.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 11:15:00 AM	225.00	9.00	6.20	1.70	0.00	1.70	3.40	6.20	8241.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 11:30:00 AM	223.00	7.40	5.80	1.80	0.00	1.80	3.20	5.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 11:45:00 AM	242.00	7.90	7.20	1.90	0.00	1.90	2.90	7.20	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 12:00:00 PM	234.00	8.80	7.50	2.00	0.00	2.00	2.40	7.50	-3.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 12:15:00 PM	230.00	9.90	7.90	1.90	0.00	1.90	2.70	7.90	-3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 12:30:00 PM	234.00	8.40	8.10	1.90	0.00	1.90	3.10	8.10	-2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 12:45:00 PM	232.00	10.50	7.00	2.20	0.00	2.20	2.90	7.00	-3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 1:00:00 PM	220.00	8.80	7.30	3.20	0.00	3.20	3.70	7.30	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 1:15:00 PM	236.00	10.20	7.30	3.60	0.00	3.60	6.30	7.30	-3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 1:30:00 PM	245.00	8.10	6.90	4.50	0.00	4.50	8.20	6.90	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 1:45:00 PM	255.00	9.00	7.20	4.80	0.00	4.80	7.40	7.20	-2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:00:00 PM	225.00	8.60	9.20	5.70	0.00	5.70	7.90	9.20	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:15:00 PM	231.00	7.10	8.60	7.10	0.00	7.10	7.40	8.60	-6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:30:00 PM	241.00	10.70	9.30	7.30	0.00	7.30	7.90	9.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 2:45:00 PM	239.00	7.10	11.30	7.30	0.00	7.30	7.10	11.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:00:00 PM	235.00	6.10	10.00	7.80	0.00	7.80	7.40	10.00	-6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:15:00 PM	229.00	9.30	9.40	8.60	0.00	8.60	7.80	9.40	-6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:30:00 PM	213.00	8.80	11.10	9.30	0.00	9.30	7.00	11.10	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 3:45:00 PM	243.00	8.10	12.00	8.90	0.00	8.90	8.10	12.00	-6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:00:00 PM	243.00	6.90	8.90	8.80	0.00	8.80	9.10	8.90	-6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:15:00 PM	246.00	7.30	10.80	8.30	0.00	8.30	7.10	10.80	-6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:30:00 PM	248.00	7.50	9.90	8.20	0.00	8.20	7.40	9.90	-6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 4:45:00 PM	229.00	6.70	10.50	7.60	0.00	7.60	8.50	10.50	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:00:00 PM	246.00	7.10	10.50	7.40	0.00	7.40	8.10	10.50	-6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:15:00 PM	243.00	6.20	11.90	7.30	0.00	7.30	7.80	11.90	-6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:30:00 PM	247.00	4.50	10.70	7.00	0.00	7.00	10.60	10.70	-6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 5:45:00 PM	245.00	5.00	12.00	7.20	0.00	7.20	8.20	12.00	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:00:00 PM	236.00	5.10	10.70	8.00	0.00	8.00	9.10	10.70	-6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/11/2012 6:15:00 PM	243.00	4.00																

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-8-12 to 10-15-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)							Naphthalene ($\mu\text{g}/\text{m}^3$)						
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4
10/13/2012 3:45:00 AM	180.00	5.80	12.30	13.80	1.50	13.80	15.60	12.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:00:00 AM	181.00	4.50	13.70	13.80	0.10	13.80	13.00	13.70	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:15:00 AM	173.00	5.30	12.10	-6.50	0.00	13.80	12.10	12.60	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:30:00 AM	167.00	7.20	12.30	-6.50	0.00	13.80	12.30	11.50	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:45:00 AM	180.00	6.30	12.00	13.80	1.80	13.80	12.50	12.00	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:00:00 AM	181.00	5.20	12.70	13.80	1.10	13.80	13.20	12.70	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:15:00 AM	188.00	5.00	12.20	13.80	1.60	13.80	12.10	12.20	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:30:00 AM	188.00	4.90	15.20	13.80	0.00	13.80	14.30	15.20	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:45:00 AM	194.00	4.80	16.40	13.80	0.00	13.80	14.00	16.40	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:00:00 AM	200.00	5.20	15.90	13.80	0.00	13.80	13.80	15.90	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:15:00 AM	179.00	5.30	14.70	-6.50	0.00	13.80	14.70	18.50	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:30:00 AM	196.00	4.60	20.00	13.80	0.00	13.80	14.20	20.00	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:45:00 AM	195.00	3.60	19.10	13.80	0.00	13.80	14.80	19.10	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:00:00 AM	196.00	5.60	19.90	13.80	0.00	13.80	14.60	19.90	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:15:00 AM	206.00	4.10	21.20	13.80	0.00	13.80	15.30	21.20	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:30:00 AM	196.00	5.70	22.30	13.80	0.00	13.80	16.20	22.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:45:00 AM	188.00	4.70	24.50	13.80	0.00	13.80	17.60	24.50	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:00:00 AM	197.00	5.00	25.30	13.80	0.00	13.80	18.10	25.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:15:00 AM	204.00	3.90	25.50	13.80	0.00	13.80	18.90	25.50	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:30:00 AM	204.00	5.80	27.70	13.80	0.00	13.80	19.80	27.70	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:45:00 AM	200.00	7.40	31.30	13.80	0.00	13.80	21.70	31.30	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 9:00:00 AM	202.00	4.90	33.80	13.80	0.00	13.80	23.00	33.80	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 9:15:00 AM	193.00	6.90	34.40	13.80	0.00	13.80	23.50	34.40	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 9:30:00 AM	203.00	5.00	32.90	13.80	0.00	13.80	23.20	32.90	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 9:45:00 AM	195.00	6.70	30.40	13.80	0.00	13.80	21.90	30.40	-6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 10:00:00 AM	195.00	5.00	30.30	13.80	0.00	13.80	21.10	30.30	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 10:15:00 AM	197.00	4.70	28.60	13.80	0.00	13.80	21.30	28.60	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 10:30:00 AM	199.00	5.80	29.00	13.80	0.00	13.80	20.20	29.00	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 10:45:00 AM	200.00	6.80	27.50	13.80	0.00	13.80	19.70	27.50	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 11:00:00 AM	204.00	6.40	27.80	13.80	0.00	13.80	19.80	27.80	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 11:15:00 AM	208.00	6.10	26.10	13.80	0.00	13.80	18.20	26.10	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 11:30:00 AM	200.00	4.70	28.90	13.80	0.00	13.80	18.70	28.90	-2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 11:45:00 AM	198.00	4.00	37.00	13.80	0.00	13.80	21.10	37.00	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 12:00:00 PM	200.00	3.60	45.30	13.80	0.00	13.80	23.90	45.30	-6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 12:15:00 PM	205.00	4.10	53.80	13.80	0.00	13.80	28.40	53.80	-5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 12:30:00 PM	195.00	5.10	58.90	13.80	0.00	13.80	29.20	58.90	-5.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 12:45:00 PM	211.00	4.30	63.50	13.80	0.00	13.80	30.20	63.50	-5.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 1:00:00 PM	190.00	5.30	65.00	13.80	0.00	13.80	29.60	65.00	-9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 1:15:00 PM	197.00	5.10	66.50	13.80	0.00	13.80	29.30	66.50	-9.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 1:30:00 PM	215.00	4.40	66.90	13.80	0.00	13.80	30.60	66.90	-9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 1:45:00 PM	214.00	9.00	68.80	13.80	0.00	13.80	30.60	68.80	-9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 2:00:00 PM	211.00	6.30	71.90	13.80	0.00	13.80	29.30	71.90	-9.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 2:15:00 PM	204.00	6.50	68.20	13.80	0.00	13.80	27.30	68.20	-9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 2:30:00 PM	203.00	7.00	64.00	13.80	0.00	13.80	22.70	64.00	-9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 2:45:00 PM	215.00	5.50	60.60	13.80	0.00	13.80	20.70	60.60	-9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 3:00:00 PM	214.00	8.10	59.00	13.80	0.00	13.80	19.50	59.00	-12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 3:15:00 PM	211.00	6.40	62.20	13.80	0.00	13.80	20.00	62.20	-12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 3:30:00 PM	212.00	8.00	58.10	13.80	0.00	13.80	17.40	58.10	-12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 3:45:00 PM	219.00	7.00	57.00	13.80	0.00	13.80	16.40	57.00	-12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:00:00 PM	208.00	7.90	60.90	13.80	0.00	13.80	17.90	60.90	-12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:15:00 PM	208.00	6.30	64.70	13.80	0.00	13.80	18.50	64.70	-16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:30:00 PM	211.00	5.30	59.80	13.80	0.00	13.80	13.70	59.80	-16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 4:45:00 PM	210.00	6.40	59.00	13.80	0.00	13.80	10.30	59.00	-16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:00:00 PM	208.00	6.40	59.00	13.80	0.00	13.80	9.80	59.00	-16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:15:00 PM	217.00	5.30	59.50	13.80	0.00	13.80	7.30	59.50	-16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:30:00 PM	214.00	5.30	58.60	13.80	0.00	13.80	7.50	58.60	-16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 5:45:00 PM	200.00	6.70	58.40	13.80	0.00	13.80	8.80	58.40	-16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:00:00 PM	205.00	5.40	60.10	13.80	0.00	13.80	11.50	60.10	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:15:00 PM	203.00	5.70	62.90	13.80	0.00	13.80	16.10	62.90	-16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:30:00 PM	210.00	6.10	64.70	13.80	0.00	13.80	22.70	64.70	-16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 6:45:00 PM	206.00	4.90	66.60	13.80	0.00	13.80	28.40	66.60	-16.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:00:00 PM	202.00	4.80	69.00	13.80	0.00	13.80	31.10	69.00	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:15:00 PM	218.00	5.10	74.40	13.80	0.00	13.80	33.40	74.40	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:30:00 PM	217.00	5.00	81.40	13.80	0.00	13.80	35.30	81.40	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 7:45:00 PM	214.00	5.30	79.90	13.80	0.00	13.80	35.70	79.90	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:00:00 PM	211.00	5.10	76.10	13.80	0.00	13.80	36.00	76.10	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:15:00 PM	212.00	5.00	74.00	13.80	0.00	13.80	35.80	74.00	-15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/13/2012 8:30:00 PM	211.00	5.30	71.50</													

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-8-12 to 10-15-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)								Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/15/2012 5:15:00 AM	304.00	6.00	20.20	5.20	0.00	13.80	5.20	4.00	20.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:30:00 AM	318.00	5.00	19.60	5.30	0.00	13.80	5.30	4.10	19.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:45:00 AM	317.00	3.80	20.30	5.10	0.00	13.80	5.10	4.20	20.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:00:00 AM	321.00	3.30	19.70	5.30	0.00	13.80	5.30	4.30	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:15:00 AM	319.00	3.70	18.70	5.50	0.00	13.80	5.50	4.20	18.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:30:00 AM	344.00	2.80	16.00	5.60	0.00	13.80	5.60	4.30	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:45:00 AM	335.00	5.60	15.70	5.20	0.00	13.80	5.20	4.30	15.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:00:00 AM	340.00	3.60	15.70	4.30	0.00	13.80	4.30	3.80	15.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:15:00 AM	304.00	4.00	14.60	4.10	0.00	13.80	4.10	3.60	14.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:30:00 AM	300.00	5.00	14.20	4.10	0.00	13.80	4.10	3.60	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:45:00 AM	329.00	3.30	13.80	4.10	0.00	13.80	4.10	3.70	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:00:00 AM	329.00	4.50	12.20	4.20	0.00	13.80	4.20	3.60	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:15:00 AM	334.00	3.50	12.80	5.00	0.00	13.80	5.00	4.60	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:30:00 AM	305.00	3.50	12.80	7.10	0.00	13.80	7.10	5.40	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:45:00 AM	299.00	4.70	18.80	7.70	0.00	13.80	7.70	5.40	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:00:00 AM	318.00	4.10	18.30	7.60	0.00	13.80	7.60	5.50	18.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:15:00 AM	313.00	4.00	19.20	8.70	0.00	13.80	8.70	5.90	19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:30:00 AM	316.00	4.70	18.10	9.40	0.00	13.80	9.40	5.80	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:45:00 AM	310.00	4.80	18.10	10.30	0.00	13.80	10.30	6.60	18.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 10:00:00 AM	324.00	3.50	19.10	11.40	0.00	13.80	11.40	7.20	19.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 10:15:00 AM	1.00	2.90	13.80	7.10	0.00	13.80	10.70	7.10	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 10:30:00 AM	334.00	4.50	16.00	9.30	0.00	13.80	9.30	6.20	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 10:45:00 AM	5.00	3.40	13.80	6.00	0.00	13.80	8.40	6.00	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 11:15:00 AM	332.00	3.60	12.00	8.00	0.00	0.00	8.00	6.10	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 11:30:00 AM	349.00	2.60	12.50	7.80	0.00	0.00	7.80	6.20	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 11:45:00 AM	16.00	3.90	0.00	6.20	0.00	0.00	7.80	6.20	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 12:00:00 PM	314.00	4.40	11.00	8.80	0.00	0.00	8.80	6.60	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 12:15:00 PM	305.00	3.70	12.00	10.80	0.00	0.00	10.80	7.90	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 12:30:00 PM	9.00	5.10	0.00	7.60	0.00	0.00	10.90	7.60	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 12:45:00 PM	8.00	3.60	0.00	7.30	0.00	0.00	11.50	7.30	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 1:00:00 PM	52.00	3.00	0.00	7.10	0.00	0.00	10.70	7.10	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 1:15:00 PM	55.00	3.20	0.00	6.50	0.00	0.00	9.00	6.50	8.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 1:30:00 PM	42.00	5.00	0.00	6.40	0.00	0.00	9.30	6.40	8.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 1:45:00 PM	69.00	3.90	0.00	8.40	0.00	0.00	9.80	8.40	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 2:00:00 PM	69.00	4.00	0.00	8.00	0.00	0.00	9.60	8.00	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 2:15:00 PM	51.00	4.20	0.00	8.30	0.00	0.00	13.60	8.30	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 2:30:00 PM	27.00	4.10	0.00	12.70	0.00	0.00	11.80	12.70	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 2:45:00 PM	26.00	4.00	0.00	9.90	0.00	0.00	10.60	9.90	6.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 3:00:00 PM	24.00	3.60	0.00	8.90	0.00	0.00	9.60	8.90	6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 3:15:00 PM	27.00	3.60	0.00	9.70	0.00	0.00	9.70	9.70	9.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 3:30:00 PM	23.00	2.50	0.00	11.60	0.00	0.00	12.20	11.60	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 3:45:00 PM	42.00	2.60	0.00	11.00	0.00	0.00	17.90	11.00	13.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 4:00:00 PM	66.00	3.60	0.00	11.60	0.00	0.00	10.80	11.60	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 4:15:00 PM	45.00	2.30	0.00	12.10	0.00	0.00	13.50	12.10	16.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 4:30:00 PM	86.00	3.50	0.00	15.20	0.00	0.00	16.30	15.20	14.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 4:45:00 PM	42.00	2.80	0.00	11.60	0.00	0.00	14.30	11.60	17.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:00:00 PM	92.00	3.00	13.40	12.80	0.00	0.00	13.40	11.40	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:15:00 PM	87.00	2.20	0.00	12.50	0.00	0.00	15.40	12.50	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:30:00 PM	87.00	3.00	0.00	15.40	0.00	0.00	18.00	15.40	15.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 5:45:00 PM	117.00	2.30	26.00	17.00	0.00	0.00	26.00	17.50	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:00:00 PM	89.00	2.80	0.00	19.40	0.00	0.00	20.90	19.40	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:15:00 PM	80.00	2.50	0.00	17.60	0.00	0.00	28.10	17.60	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:30:00 PM	91.00	1.20	24.70	24.70	0.00	0.00	24.70	19.40	24.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 6:45:00 PM	89.00	2.20	0.00	16.20	0.00	0.00	19.60	16.20	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:00:00 PM	68.00	2.30	0.00	27.70	0.00	0.00	17.40	27.70	25.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:15:00 PM	123.00	0.90	20.50	22.20	1.70	0.00	20.50	15.50	22.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:30:00 PM	118.00	1.20	17.60	16.40	0.00	0.00	17.60	20.00	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 7:45:00 PM	180.00	0.10	16.10	0.00	0.00	0.00	13.40	16.10	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:00:00 PM	241.00	1.30	19.60	0.00	0.00	0.00	18.50	19.60	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:15:00 PM	12.00	0.50	0.00	18.70	0.00	0.00	13.70	18.70	16.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:30:00 PM	212.00	0.80	16.50	0.00	0.00	0.00	17.30	16.50	19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 8:45:00 PM	30.00	0.60	0.00	17.50	0.00	0.00	12.60	17.50	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:00:00 PM	150.00	0.60	14.30	18.20	3.90	0.00	14.30	17.80	18.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:15:00 PM	159.00	2.50	16.30	20.10	3.80	0.00	16.30	19.50	20.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/15/2012 9:30:00 PM	181.00	1.90	21.70	0.00	0.00	0.00	21.40											

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-16-12 to 10-22-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)								Naphthalene ($\mu\text{g}/\text{m}^3$)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/17/2012 12:45:00 AM	214.00	7.30	27.90	17.50	0.00	17.50	25.20	27.90	17.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:00:00 AM	209.00	6.30	26.70	17.50	0.00	17.50	20.70	26.70	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:15:00 AM	218.00	5.60	26.10	17.40	0.00	17.40	21.20	26.10	18.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:30:00 AM	215.00	6.20	24.90	17.40	0.00	17.40	19.30	24.90	18.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:45:00 AM	214.00	5.70	24.50	17.40	0.00	17.40	18.50	24.50	18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:00:00 AM	219.00	6.70	23.60	17.30	0.00	17.30	17.40	23.60	18.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:15:00 AM	208.00	6.40	22.80	17.30	0.00	17.30	16.40	22.80	19.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:30:00 AM	208.00	7.00	21.70	17.20	0.00	17.20	16.10	21.70	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:45:00 AM	212.00	5.90	22.60	17.30	0.00	17.30	16.70	22.60	19.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:00:00 AM	215.00	4.70	22.90	17.30	0.00	17.30	16.30	22.90	15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:15:00 AM	214.00	6.70	22.80	17.30	0.00	17.30	16.70	22.80	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:30:00 AM	210.00	5.40	22.80	17.30	0.00	17.30	18.40	22.80	13.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:45:00 AM	207.00	6.20	23.40	17.30	0.00	17.30	18.10	23.40	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:00:00 AM	204.00	5.90	23.20	17.30	0.00	17.30	17.50	23.20	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:15:00 AM	211.00	7.10	23.60	17.50	0.00	17.50	17.50	23.60	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:30:00 AM	200.00	5.90	23.20	17.50	0.00	17.50	17.20	23.20	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:45:00 AM	210.00	6.00	22.70	17.50	0.00	17.50	16.90	22.70	16.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 5:00:00 AM	213.00	6.80	22.50	17.50	0.00	17.50	17.30	22.50	16.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 5:15:00 AM	217.00	6.00	22.50	17.50	0.00	17.50	17.20	22.50	15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 5:30:00 AM	208.00	6.90	22.30	17.50	0.00	17.50	17.10	22.30	25.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 5:45:00 AM	207.00	6.50	21.40	17.50	0.00	17.50	16.50	21.40	25.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 6:00:00 AM	213.00	6.60	21.10	17.50	0.00	17.50	16.60	21.10	25.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 6:15:00 AM	206.00	6.70	20.00	17.50	0.00	17.50	15.50	20.00	24.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 6:30:00 AM	214.00	6.70	19.60	17.50	0.00	17.50	16.00	19.60	24.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 6:45:00 AM	208.00	6.60	19.60	17.50	0.00	17.50	19.30	19.60	24.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 7:00:00 AM	203.00	6.40	19.90	17.60	0.00	17.60	18.40	19.90	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 7:15:00 AM	198.00	8.10	18.80	17.70	0.00	17.70	19.90	18.80	24.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 7:30:00 AM	203.00	7.50	18.40	17.60	0.00	17.60	18.40	18.40	25.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 7:45:00 AM	208.00	6.90	17.70	17.40	0.00	17.40	17.60	17.70	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 8:00:00 AM	206.00	7.20	17.10	17.50	0.40	17.50	16.70	17.10	23.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 8:15:00 AM	202.00	6.50	17.30	17.40	0.10	17.40	16.80	17.30	22.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 8:30:00 AM	207.00	7.80	17.40	17.50	0.10	17.50	16.90	17.40	21.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 8:45:00 AM	209.00	7.00	19.20	17.50	0.00	17.50	14.70	19.20	20.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 9:00:00 AM	201.00	7.70	20.10	17.50	0.00	17.50	13.90	20.10	19.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 9:15:00 AM	208.00	5.80	17.40	17.40	0.00	17.40	13.70	17.40	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 9:30:00 AM	203.00	10.60	17.80	17.50	0.00	17.50	13.60	17.80	17.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 9:45:00 AM	206.00	7.80	20.40	17.60	0.00	17.60	13.60	20.40	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 10:00:00 AM	216.00	7.70	16.30	17.50	1.20	17.50	13.50	16.30	15.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 10:15:00 AM	205.00	6.70	17.20	17.60	0.40	17.60	14.30	17.20	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 10:30:00 AM	212.00	7.80	16.10	17.60	1.50	17.60	17.00	16.10	14.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 10:45:00 AM	203.00	5.50	15.70	17.60	1.90	17.60	15.00	15.70	13.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 11:00:00 AM	206.00	6.60	15.90	17.60	1.70	17.60	13.60	15.90	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 11:15:00 AM	204.00	7.90	15.60	17.60	2.00	17.60	15.30	15.60	12.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 11:30:00 AM	207.00	6.90	17.60	17.60	0.00	17.60	15.10	17.60	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 11:45:00 AM	191.00	7.20	17.90	17.60	0.00	17.60	14.10	17.90	13.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 12:00:00 PM	187.00	6.80	17.00	17.60	0.60	17.60	14.70	17.00	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 12:15:00 PM	199.00	10.20	16.20	17.60	1.40	17.60	15.70	16.20	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 12:30:00 PM	210.00	8.30	16.50	17.60	1.10	17.60	14.50	16.50	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 12:45:00 PM	203.00	9.10	15.80	17.60	1.80	17.60	21.50	15.80	14.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:00:00 PM	208.00	7.80	16.10	17.60	1.50	17.60	16.60	16.10	14.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:15:00 PM	176.00	10.30	20.70	13.70	0.00	17.60	20.70	16.50	13.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:30:00 PM	210.00	7.40	17.90	17.70	0.00	17.70	17.80	17.90	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 1:45:00 PM	203.00	7.50	19.10	17.80	0.00	17.80	19.00	19.10	11.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:00:00 PM	206.00	10.80	20.40	17.80	0.00	17.80	17.10	20.40	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:15:00 PM	200.00	10.30	21.00	18.00	0.00	18.00	21.60	21.00	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:30:00 PM	220.00	10.10	22.30	18.10	0.00	18.10	24.30	22.30	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 2:45:00 PM	203.00	9.70	24.60	18.00	0.00	18.00	22.00	24.60	11.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:00:00 PM	212.00	6.20	22.40	18.00	0.00	18.00	21.50	22.40	13.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:15:00 PM	202.00	6.00	23.30	18.00	0.00	18.00	20.10	23.30	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:30:00 PM	200.00	6.30	23.00	17.90	0.00	17.90	21.90	23.00	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 3:45:00 PM	199.00	5.70	23.60	18.00	0.00	18.00	21.90	23.60	14.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:00:00 PM	187.00	6.50	29.00	18.20	0.00	18.20	27.40	29.00	13.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:15:00 PM	203.00	6.20	33.60	18.00	0.00	18.00	36.80	33.60	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/17/2012 4:30:00 PM	202.00	4.90																

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-16-12 to 10-22-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)								Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/18/2012 1:30:00 AM	259.00	3.40	10.50	1451.50	1441.00	1451.50	6.30	10.50	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 1:45:00 AM	252.00	4.30	9.60	1433.30	1423.70	1433.30	5.30	9.60	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:00:00 AM	257.00	3.90	9.00	1421.00	1412.00	1421.00	5.50	9.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:15:00 AM	256.00	5.50	9.30	1432.70	1423.40	1432.70	5.50	9.30	12.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:30:00 AM	262.00	5.40	8.60	1433.40	1424.80	1433.40	5.10	8.60	12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:45:00 AM	234.00	4.80	9.00	1426.80	1417.80	1426.80	6.10	9.00	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:00:00 AM	252.00	7.20	9.00	1412.60	1403.60	1412.60	6.90	9.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:15:00 AM	275.00	4.60	12.90	6.40	0.00	1402.30	6.40	8.70	12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:30:00 AM	264.00	3.90	8.30	1403.20	1394.90	1403.20	6.00	8.30	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:45:00 AM	271.00	5.80	12.30	7.10	0.00	1402.40	7.10	8.40	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:00:00 AM	276.00	4.90	12.30	7.70	0.00	1410.40	7.70	9.30	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:15:00 AM	264.00	5.30	8.20	1477.10	1468.90	1477.10	7.00	8.20	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:30:00 AM	248.00	4.30	8.00	1477.80	1469.80	1477.80	6.90	8.00	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:45:00 AM	246.00	4.70	8.10	1477.70	1469.60	1477.70	7.50	8.10	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 5:00:00 AM	245.00	4.60	7.60	1477.70	1470.10	1477.70	6.20	7.60	11.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 5:30:00 AM	242.00	5.40	6.60	1477.70	1471.10	1477.70	6.30	6.60	11.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 5:45:00 AM	242.00	5.90	6.40	1477.70	1471.30	1477.70	6.50	6.40	11.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 6:00:00 AM	251.00	6.50	6.70	1477.70	1471.00	1477.70	6.90	6.70	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 6:15:00 AM	247.00	5.80	6.90	1477.80	1470.90	1477.80	6.70	6.90	12.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 6:30:00 AM	239.00	5.20	7.00	1477.70	1470.70	1477.70	6.80	7.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 6:45:00 AM	244.00	6.20	7.80	1477.70	1469.90	1477.70	8.30	7.80	12.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 7:00:00 AM	254.00	5.40	7.50	1477.80	1470.30	1477.80	7.10	7.50	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 7:15:00 AM	250.00	5.80	7.80	1477.70	1469.90	1477.70	7.00	7.80	12.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 7:30:00 AM	241.00	6.60	7.50	1477.80	1470.30	1477.80	7.40	7.50	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 7:45:00 AM	229.00	5.10	7.20	1477.70	1470.50	1477.70	7.60	7.20	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 8:00:00 AM	225.00	4.70	7.30	1477.70	1470.40	1477.70	7.20	7.30	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 8:15:00 AM	234.00	5.20	6.70	1477.70	1471.00	1477.70	6.90	6.70	12.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 8:30:00 AM	236.00	5.50	6.90	1477.70	1470.80	1477.70	8.00	6.90	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 8:45:00 AM	239.00	4.80	7.50	1477.70	1470.20	1477.70	10.60	7.50	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 9:00:00 AM	241.00	5.50	7.60	26.30	18.70	26.30	9.00	7.60	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 9:15:00 AM	225.00	5.80	6.80	25.80	19.00	25.80	7.80	6.80	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 9:30:00 AM	234.00	7.00	7.00	26.10	19.10	26.10	11.00	7.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 9:45:00 AM	238.00	6.20	7.20	26.50	19.30	26.50	8.90	7.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 10:00:00 AM	226.00	6.30	7.00	26.60	19.60	26.60	9.00	7.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 10:15:00 AM	232.00	7.90	6.90	27.00	20.10	27.00	9.90	6.90	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 10:30:00 AM	223.00	6.20	8.00	27.20	19.20	27.20	10.10	8.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 10:45:00 AM	226.00	6.00	9.20	28.40	19.20	28.40	13.80	9.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 11:00:00 AM	231.00	6.90	10.50	28.90	18.40	28.90	16.80	10.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 11:15:00 AM	243.00	6.70	13.10	30.40	17.30	30.40	23.70	13.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 11:30:00 AM	238.00	10.10	13.70	31.50	17.80	31.50	24.60	13.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 11:45:00 AM	244.00	8.40	15.20	31.60	16.40	31.60	26.40	15.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 12:00:00 PM	244.00	5.50	16.20	31.60	15.40	31.60	26.70	16.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 12:15:00 PM	239.00	6.80	18.50	32.70	14.20	32.70	27.80	18.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 12:30:00 PM	224.00	4.30	17.80	31.60	13.80	31.60	33.40	17.80	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 12:45:00 PM	229.00	4.60	15.80	29.00	13.20	29.00	22.00	15.80	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 1:00:00 PM	215.00	5.70	15.10	28.20	13.10	28.20	21.90	15.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 1:15:00 PM	224.00	6.50	16.60	29.20	12.60	29.20	24.60	16.60	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 1:30:00 PM	224.00	7.70	16.90	29.70	12.80	29.70	27.30	16.90	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 1:45:00 PM	209.00	7.40	17.70	30.40	12.70	30.40	32.10	17.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:00:00 PM	221.00	7.90	19.00	31.10	12.10	31.10	28.00	19.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:15:00 PM	209.00	9.40	20.60	32.40	11.80	32.40	31.50	20.60	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:30:00 PM	221.00	10.60	21.70	31.70	10.00	31.70	32.40	21.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 2:45:00 PM	202.00	7.10	23.00	31.80	8.80	31.80	30.20	23.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:00:00 PM	223.00	5.90	23.10	31.40	8.30	31.40	28.40	23.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:15:00 PM	235.00	8.30	21.20	33.50	12.30	33.50	28.10	21.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:30:00 PM	248.00	9.00	20.00	28.70	8.70	28.70	25.90	20.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 3:45:00 PM	247.00	6.50	18.70	28.40	9.70	28.40	26.80	18.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:00:00 PM	240.00	8.70	18.50	28.10	9.60	28.10	31.30	18.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:15:00 PM	222.00	7.10	17.60	28.20	10.60	28.20	27.60	17.60	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:30:00 PM	219.00	4.90	16.40	26.70	10.30	26.70	17.40	16.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 4:45:00 PM	219.00	5.90	15.70	27.00	11.30	27.00	17.80	15.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 5:00:00 PM	218.00	4.30	15.90	29.30	13.40	29.30	15.00	15.90	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10/18/2012 5:15:00 PM	241.00	6.80	15.00	28.60	13.60	28.60	12.90	15.00	-106.									

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-16-12 to 10-22-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)						
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4
10/19/2012 2:30:00 AM	185.00	4.60	15.30	15175.60	15160.30	15175.60	11.10	15.30	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 2:45:00 AM	174.00	4.40	11.40	-106.40	0.00	15175.60	11.40	15.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:00:00 AM	176.00	3.90	12.30	-106.40	0.00	15175.60	12.30	14.90	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:15:00 AM	186.00	3.20	14.90	15175.60	15160.70	15175.60	11.60	14.90	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:30:00 AM	175.00	3.80	12.20	-106.40	0.00	15175.60	12.20	15.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:45:00 AM	169.00	4.30	13.30	-106.40	0.00	15175.60	13.30	16.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:00:00 AM	183.00	3.70	16.10	15175.60	15159.50	15175.60	13.30	16.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:15:00 AM	193.00	3.50	15.70	15175.60	15159.90	15175.60	13.10	15.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:30:00 AM	179.00	3.50	11.60	-106.40	0.00	15175.60	11.60	15.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:45:00 AM	181.00	3.90	14.20	15175.60	15161.40	15175.60	11.30	14.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:00:00 AM	184.00	3.10	13.40	15175.60	15162.20	15175.60	10.10	13.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:15:00 AM	176.00	3.60	10.40	-106.40	0.00	15175.60	10.40	13.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:30:00 AM	0.00	0.00	0.00	0.00	0.00	15175.60	10.90	13.60	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:45:00 AM	0.00	0.00	0.00	0.00	0.00	15175.60	10.20	13.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:00:00 AM	0.00	0.00	0.00	0.00	0.00	15175.60	10.60	13.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:15:00 AM	0.00	0.00	0.00	0.00	0.00	15175.60	11.90	13.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:30:00 AM	0.00	0.00	0.00	0.00	0.00	15175.60	10.70	13.50	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:45:00 AM	180.00	2.00	13.40	15175.60	15162.20	15175.60	12.40	13.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 7:00:00 AM	196.00	3.00	13.10	15175.60	15162.50	15175.60	14.30	13.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 7:15:00 AM	170.00	3.80	13.00	-106.40	0.00	15175.60	13.00	13.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 7:30:00 AM	193.00	3.00	13.00	15175.60	15162.60	15175.60	15.70	13.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 7:45:00 AM	190.00	2.70	13.20	15175.60	15162.40	15175.60	16.30	13.20	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 8:00:00 AM	184.00	3.00	13.40	15175.60	15162.20	15175.60	15.00	13.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 8:15:00 AM	194.00	3.00	13.00	15175.60	15162.60	15175.60	12.60	13.00	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 8:30:00 AM	197.00	2.40	12.30	15175.60	15163.30	15175.60	11.70	12.30	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 8:45:00 AM	236.00	2.10	12.70	15175.60	15162.90	15175.60	11.10	12.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 9:00:00 AM	239.00	2.50	11.80	15175.60	15163.80	15175.60	11.20	11.80	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 9:15:00 AM	222.00	3.50	11.70	15175.60	15163.90	15175.60	10.20	11.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 9:30:00 AM	237.00	3.30	11.10	15175.60	15164.50	15175.60	7.40	11.10	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 9:45:00 AM	240.00	2.80	10.70	15175.60	15164.90	15175.60	9.00	10.70	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 10:00:00 AM	256.00	2.20	10.40	15175.60	15165.20	15175.60	7.40	10.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 10:15:00 AM	277.00	2.90	-106.40	11.70	118.10	15175.60	11.70	11.40	-106.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 10:30:00 AM	252.00	3.10	12.00	15175.60	15163.60	15175.60	10.00	12.00	-0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 10:45:00 AM	237.00	3.00	11.30	-6.50	0.00	-6.50	8.70	11.30	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 11:00:00 AM	244.00	4.00	10.90	-6.60	0.00	-6.60	8.50	10.90	-2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 11:15:00 AM	266.00	3.30	8.90	-6.40	0.00	-6.40	6.70	8.90	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 11:30:00 AM	250.00	2.80	8.00	-6.40	0.00	-6.40	5.90	8.00	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 11:45:00 AM	247.00	2.70	7.90	-6.40	0.00	-6.40	4.90	7.90	-2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 12:00:00 PM	264.00	2.60	7.50	-6.50	0.00	-6.50	4.90	7.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 12:15:00 PM	281.00	3.00	0.30	6.70	6.40	0.10	6.70	7.50	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 12:30:00 PM	274.00	3.30	0.30	9.10	8.80	0.20	9.10	7.90	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 12:45:00 PM	288.00	1.40	0.40	10.30	9.90	0.10	10.30	7.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 1:00:00 PM	269.00	3.40	8.10	0.10	0.00	0.10	11.00	8.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 1:15:00 PM	297.00	2.10	0.40	11.10	10.70	0.10	11.10	7.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 1:30:00 PM	339.00	2.30	0.30	10.90	10.60	0.10	10.90	8.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 1:45:00 PM	262.00	3.80	8.40	0.00	0.00	0.00	13.10	8.40	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 2:00:00 PM	306.00	2.10	0.40	11.70	11.30	0.10	11.70	7.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 2:15:00 PM	271.00	3.40	0.30	9.00	8.70	0.00	9.00	7.70	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 2:30:00 PM	265.00	3.90	7.10	0.10	0.00	0.10	8.90	7.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 2:45:00 PM	266.00	3.30	7.40	0.10	0.00	0.10	9.20	7.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:00:00 PM	282.00	3.20	0.40	8.70	8.30	0.00	8.70	7.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:15:00 PM	273.00	2.50	0.40	9.60	9.20	0.00	9.60	8.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:30:00 PM	281.00	1.70	0.40	10.20	9.80	0.00	10.20	8.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 3:45:00 PM	307.00	1.50	0.40	10.70	10.30	0.00	10.70	8.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:00:00 PM	298.00	1.80	0.40	11.70	11.30	0.00	11.70	9.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:15:00 PM	269.00	3.50	8.70	0.10	0.00	0.10	9.60	8.70	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:30:00 PM	288.00	1.60	0.40	10.90	10.50	0.00	10.90	9.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 4:45:00 PM	245.00	2.20	9.80	-0.10	0.00	-0.10	10.70	9.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:00:00 PM	269.00	1.80	10.60	0.10	0.00	0.10	14.30	10.60	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:15:00 PM	278.00	2.50	0.30	10.10	9.80	0.10	10.10	9.90	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:30:00 PM	310.00	3.50	0.30	10.80	10.50	0.00	10.80	9.20	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 5:45:00 PM	275.00	2.50	0.30	8.40	8.10	0.10	8.40	8.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:00:00 PM	260.00	2.60	8.20	0.00	0.00	0.00	7.50	8.20	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:15:00 PM	257.00	1.70	8.50	0.00	0.00	0.00	8.40	8.50	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:30:00 PM	277.00	2.10	0.40	7.40	7.00	-0.10	7.40	7.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/19/2012 6:45:00 PM	263.00	2.70	8.00	0.00	0.00	0.00	4.00	8.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-16-12 to 10-22-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)							Naphthalene ($\mu\text{g}/\text{m}^3$)								
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/20/2012 3:15:00 AM	307.00	1.80	0.40	10.90	10.50	0.00	10.90	11.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:30:00 AM	276.00	2.40	0.40	9.70	9.30	0.00	9.70	10.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:45:00 AM	277.00	3.60	0.40	9.50	9.10	0.00	9.50	10.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:00:00 AM	271.00	2.50	0.40	9.70	9.30	0.00	9.70	10.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:15:00 AM	265.00	2.40	10.40	0.00	0.00	0.00	10.10	10.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:30:00 AM	271.00	3.00	0.40	11.90	11.50	0.00	11.90	11.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:45:00 AM	250.00	2.40	12.30	0.00	0.00	0.00	13.10	12.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:00:00 AM	255.00	3.10	11.00	0.00	0.00	0.00	11.50	11.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:15:00 AM	257.00	3.30	10.90	0.00	0.00	0.00	10.70	10.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:30:00 AM	255.00	3.00	11.30	0.00	0.00	0.00	10.60	11.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:45:00 AM	252.00	2.70	11.00	0.00	0.00	0.00	10.70	11.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:00:00 AM	258.00	3.80	10.40	0.00	0.00	0.00	9.00	10.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:15:00 AM	260.00	3.30	10.10	0.00	0.00	0.00	8.90	10.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:30:00 AM	262.00	2.50	9.80	0.00	0.00	0.00	9.30	9.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:45:00 AM	246.00	2.70	9.40	0.00	0.00	0.00	9.40	9.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 7:00:00 AM	251.00	2.50	9.60	0.00	0.00	0.00	9.70	9.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 7:15:00 AM	253.00	1.30	10.30	0.00	0.00	0.00	10.50	10.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 7:30:00 AM	246.00	2.60	10.10	0.00	0.00	0.00	10.80	10.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 7:45:00 AM	254.00	3.00	10.40	0.00	0.00	0.00	11.00	10.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 8:00:00 AM	252.00	3.80	10.80	0.00	0.00	0.00	11.40	10.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 8:15:00 AM	239.00	2.80	10.80	0.00	0.00	0.00	11.10	10.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 8:30:00 AM	252.00	3.00	10.70	0.00	0.00	0.00	10.90	10.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 8:45:00 AM	240.00	1.60	11.20	0.00	0.00	0.00	11.20	11.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 9:00:00 AM	254.00	3.10	11.20	0.00	0.00	0.00	10.60	11.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 9:15:00 AM	270.00	4.50	0.40	9.60	9.20	0.00	9.60	10.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 9:30:00 AM	253.00	5.20	10.30	0.00	0.00	0.00	9.60	10.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 9:45:00 AM	258.00	6.10	10.40	0.00	0.00	0.00	10.90	10.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 10:00:00 AM	263.00	4.90	9.70	0.00	0.00	0.00	9.80	9.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 10:15:00 AM	258.00	5.40	9.30	0.00	0.00	0.00	8.70	9.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 10:30:00 AM	263.00	4.70	8.00	0.00	0.00	0.00	7.30	8.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 10:45:00 AM	269.00	4.60	9.30	0.00	0.00	0.00	8.50	9.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 11:00:00 AM	259.00	5.10	9.40	0.00	0.00	0.00	10.40	9.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 11:15:00 AM	279.00	4.70	0.40	10.70	10.30	0.00	10.70	9.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 11:30:00 AM	261.00	4.40	9.80	0.00	0.00	0.00	11.00	9.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 11:45:00 AM	258.00	4.90	9.00	0.00	0.00	0.00	10.80	9.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 12:00:00 PM	258.00	6.10	9.50	0.00	0.00	0.00	9.60	9.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 12:15:00 PM	277.00	3.60	0.40	9.50	9.10	0.00	9.50	9.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 12:30:00 PM	254.00	2.70	8.30	0.00	0.00	0.00	7.90	8.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 12:45:00 PM	268.00	3.50	7.80	0.00	0.00	0.00	7.30	7.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 1:00:00 PM	272.00	4.10	0.40	7.00	6.60	0.00	7.00	7.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 1:15:00 PM	248.00	4.90	7.20	0.00	0.00	0.00	8.30	7.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 1:30:00 PM	247.00	4.80	6.90	0.00	0.00	0.00	9.20	6.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 1:45:00 PM	265.00	5.30	6.20	0.00	0.00	0.00	8.60	6.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 2:00:00 PM	228.00	2.70	6.20	0.00	0.00	0.00	9.80	6.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 2:15:00 PM	263.00	4.70	6.60	0.00	0.00	0.00	8.80	6.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 2:30:00 PM	272.00	6.10	0.40	9.90	9.50	0.00	9.90	6.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 2:45:00 PM	262.00	3.40	6.70	0.00	0.00	0.00	8.80	6.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:00:00 PM	270.00	3.80	0.40	7.70	7.30	0.00	7.70	6.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:15:00 PM	272.00	4.70	0.40	6.50	6.10	0.00	6.50	6.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:30:00 PM	282.00	3.90	0.40	6.40	6.00	0.00	6.40	6.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 3:45:00 PM	285.00	2.50	0.40	4.90	4.50	0.00	4.90	5.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:00:00 PM	248.00	5.20	5.40	0.00	0.00	0.00	5.00	5.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:15:00 PM	255.00	5.70	5.00	0.00	0.00	0.00	4.20	5.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:30:00 PM	254.00	3.90	4.40	0.00	0.00	0.00	3.70	4.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 4:45:00 PM	267.00	3.20	4.60	0.00	0.00	0.00	3.80	4.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:00:00 PM	277.00	4.10	0.40	4.30	3.90	0.00	4.30	4.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:15:00 PM	261.00	3.80	5.10	0.00	0.00	0.00	4.70	5.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:30:00 PM	293.00	2.90	0.40	5.40	5.00	0.00	5.40	5.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 5:45:00 PM	245.00	2.70	5.40	0.00	0.00	0.00	5.60	5.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:00:00 PM	273.00	2.40	0.40	5.20	4.80	0.00	5.20	5.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/20/2012 6:15:00 PM	254.00	2.00	5.40	0.00	0.00	0.00	4.90	5.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
10/20/2012 6:30:00 PM	247.00	2.10	5.30	0.00	0.00	0.00	4.90	5.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-16-12 to 10-22-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/22/2012 5:00:00 AM	175.00	2.70	19.00	0.40	0.00	0.00	19.00	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:15:00 AM	173.00	2.50	19.60	0.40	0.00	0.00	19.60	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:30:00 AM	166.00	3.40	21.60	0.40	0.00	0.00	21.60	21.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:45:00 AM	166.00	3.20	20.30	0.40	0.00	0.00	20.30	21.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:00:00 AM	178.00	3.10	23.60	0.40	0.00	0.00	23.60	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:15:00 AM	180.00	3.20	22.00	0.00	0.00	0.00	19.60	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:30:00 AM	172.00	3.60	27.10	0.40	0.00	0.00	27.10	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:45:00 AM	165.00	3.40	27.00	0.40	0.00	0.00	27.00	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:00:00 AM	176.00	3.50	27.30	0.40	0.00	0.00	27.30	21.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:15:00 AM	181.00	3.80	21.60	0.00	0.00	0.00	23.80	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:30:00 AM	174.00	3.60	28.80	0.40	0.00	0.00	28.80	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:45:00 AM	167.00	4.30	20.90	0.40	0.00	0.00	20.90	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:00:00 AM	176.00	3.80	22.30	0.40	0.00	0.00	22.30	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:15:00 AM	173.00	4.30	24.30	0.40	0.00	0.00	24.30	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:30:00 AM	175.00	4.30	23.20	0.40	0.00	0.00	23.20	22.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:45:00 AM	188.00	3.70	22.40	0.00	0.00	0.00	24.90	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:00:00 AM	176.00	3.80	25.30	0.40	0.00	0.00	25.30	21.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:15:00 AM	179.00	4.00	23.80	0.40	0.00	0.00	23.80	22.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:30:00 AM	182.00	3.70	22.40	0.00	0.00	0.00	23.30	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:45:00 AM	180.00	2.70	22.20	0.00	0.00	0.00	20.90	22.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:00:00 AM	184.00	4.80	22.00	0.00	0.00	0.00	30.50	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:15:00 AM	190.00	4.10	22.00	0.00	0.00	0.00	22.30	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:30:00 AM	207.00	3.30	22.30	0.00	0.00	0.00	31.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:45:00 AM	202.00	3.70	22.30	0.00	0.00	0.00	22.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:00:00 AM	201.00	3.80	22.30	0.00	0.00	0.00	21.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:15:00 AM	214.00	3.40	22.30	0.00	0.00	0.00	22.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:30:00 AM	219.00	4.70	22.30	0.00	0.00	0.00	24.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:45:00 AM	218.00	4.60	22.30	0.00	0.00	0.00	17.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:00:00 PM	213.00	8.40	22.30	0.00	0.00	0.00	16.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:15:00 PM	196.00	7.00	22.30	0.00	0.00	0.00	17.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:30:00 PM	178.00	5.50	19.50	0.40	0.00	0.00	19.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:45:00 PM	159.00	8.80	2.50	0.40	0.00	0.00	2.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:00:00 PM	171.00	8.00	4.00	0.40	0.00	0.00	4.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:15:00 PM	219.00	7.10	22.30	0.00	0.00	0.00	4.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:30:00 PM	213.00	4.60	22.30	0.00	0.00	0.00	4.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:45:00 PM	191.00	4.40	22.30	0.00	0.00	0.00	4.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:00:00 PM	197.00	4.70	22.30	0.00	0.00	0.00	4.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:15:00 PM	195.00	5.90	22.30	0.00	0.00	0.00	3.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:30:00 PM	204.00	6.10	22.30	0.00	0.00	0.00	3.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:45:00 PM	199.00	4.50	22.30	0.00	0.00	0.00	3.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:00:00 PM	183.00	5.90	22.30	0.00	0.00	0.00	3.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:15:00 PM	206.00	3.20	22.30	0.00	0.00	0.00	3.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:30:00 PM	198.00	4.90	22.30	0.00	0.00	0.00	3.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:45:00 PM	201.00	3.60	22.30	0.00	0.00	0.00	3.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:00:00 PM	198.00	4.20	22.30	0.00	0.00	0.00	3.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:15:00 PM	195.00	5.30	22.30	0.00	0.00	0.00	2.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:30:00 PM	188.00	6.10	22.30	0.00	0.00	0.00	2.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:45:00 PM	191.00	4.10	22.30	0.00	0.00	0.00	2.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:00:00 PM	181.00	6.40	22.30	0.00	0.00	0.00	2.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:15:00 PM	172.00	6.50	3.10	0.40	0.00	0.00	3.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:30:00 PM	194.00	5.00	22.30	0.00	0.00	0.00	3.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:45:00 PM	186.00	5.80	22.30	0.00	0.00	0.00	3.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:00:00 PM	193.00	6.50	22.30	0.00	0.00	0.00	5.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:15:00 PM	189.00	5.70	22.30	0.00	0.00	0.00	6.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:30:00 PM	188.00	6.70	22.30	0.00	0.00	0.00	6.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:45:00 PM	186.00	6.00	22.30	0.00	0.00	0.00	7.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:00:00 PM	198.00	5.30	22.30	0.00	0.00	0.00	7.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:15:00 PM	203.00	6.00	22.30	0.00	0.00	0.00	6.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:30:00 PM	206.00	4.50	22.30	0.00	0.00	0.00	6.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:45:00 PM	209.00	6.20	22.30	0.00	0.00	0.00	5.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:00:00 PM	210.00	4.80	22.30	0.00	0.00	0.00	5.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:15:00 PM	210.00	5.00	22.30	0.00	0.00	0.00	5.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:30:00 PM	216.00	4.80	22.30	0.00	0.00	0.00	6.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:45:00 PM	219.00	5.90	22.30	0.00	0.00	0.00	6.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:00:00 PM	210.00	5.70	22.30	0.00	0.00	0.00	7.60	22.30</									

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/22/2012	177.00	3.10	15.70	0.40	0.00	0.00	15.70	16.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:15:00 AM	180.00	3.00	17.00	0.00	0.00	0.00	16.40	17.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:30:00 AM	185.00	2.70	17.40	0.00	0.00	0.00	16.70	17.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:45:00 AM	176.00	3.40	17.30	0.40	0.00	0.00	17.30	17.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:00:00 AM	173.00	3.10	18.10	0.40	0.00	0.00	18.10	18.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:15:00 AM	181.00	2.90	18.70	0.00	0.00	0.00	19.70	18.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:30:00 AM	189.00	3.50	19.80	0.00	0.00	0.00	20.20	19.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:45:00 AM	181.00	2.90	19.70	0.00	0.00	0.00	22.40	19.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:00:00 AM	191.00	2.40	20.80	0.00	0.00	0.00	22.80	20.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:15:00 AM	184.00	2.20	20.90	0.00	0.00	0.00	24.90	20.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:30:00 AM	188.00	1.90	20.70	0.00	0.00	0.00	23.60	20.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:45:00 AM	174.00	3.00	25.80	0.40	0.00	0.00	25.80	20.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:00:00 AM	182.00	2.90	21.00	0.00	0.00	0.00	22.90	21.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:15:00 AM	175.00	3.30	21.50	0.40	0.00	0.00	21.50	21.50	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:30:00 AM	175.00	3.30	20.80	0.40	0.00	0.00	20.80	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:45:00 AM	178.00	3.60	21.00	0.40	0.00	0.00	21.00	21.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:00:00 AM	179.00	3.60	21.60	0.40	0.00	0.00	21.60	20.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:15:00 AM	175.00	3.30	20.00	0.40	0.00	0.00	20.00	20.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:30:00 AM	184.00	2.80	20.80	0.00	0.00	0.00	24.90	20.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:45:00 AM	176.00	3.40	20.40	0.40	0.00	0.00	20.40	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:00:00 AM	175.00	2.70	19.00	0.40	0.00	0.00	19.00	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:15:00 AM	173.00	2.50	19.60	0.40	0.00	0.00	19.60	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:30:00 AM	166.00	3.40	21.60	0.40	0.00	0.00	21.60	21.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 5:45:00 AM	166.00	3.20	20.30	0.40	0.00	0.00	20.30	21.70	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:00:00 AM	178.00	3.10	23.60	0.40	0.00	0.00	23.60	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:15:00 AM	180.00	3.20	22.00	0.00	0.00	0.00	19.60	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:30:00 AM	172.00	3.60	27.10	0.40	0.00	0.00	27.10	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 6:45:00 AM	165.00	3.40	27.00	0.40	0.00	0.00	27.00	21.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:00:00 AM	176.00	3.50	27.30	0.40	0.00	0.00	27.30	21.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:15:00 AM	181.00	3.80	21.60	0.00	0.00	0.00	23.80	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:30:00 AM	174.00	3.60	28.80	0.40	0.00	0.00	28.80	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 7:45:00 AM	167.00	4.30	20.90	0.40	0.00	0.00	20.90	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:00:00 AM	176.00	3.80	22.30	0.40	0.00	0.00	22.30	21.60	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:15:00 AM	173.00	4.30	24.30	0.40	0.00	0.00	24.30	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:30:00 AM	175.00	4.30	23.20	0.40	0.00	0.00	23.20	22.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 8:45:00 AM	188.00	3.70	22.40	0.00	0.00	0.00	24.90	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:00:00 AM	176.00	3.80	25.30	0.40	0.00	0.00	25.30	21.90	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:15:00 AM	179.00	4.00	23.80	0.40	0.00	0.00	23.80	22.10	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:30:00 AM	182.00	3.70	22.40	0.00	0.00	0.00	23.30	22.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 9:45:00 AM	180.00	2.70	22.20	0.00	0.00	0.00	20.90	22.20	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:00:00 AM	184.00	4.80	22.00	0.00	0.00	0.00	30.50	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:15:00 AM	190.00	4.10	22.00	0.00	0.00	0.00	22.30	22.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:30:00 AM	207.00	3.30	22.30	0.00	0.00	0.00	31.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 10:45:00 AM	202.00	3.70	22.30	0.00	0.00	0.00	22.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:00:00 AM	201.00	3.80	22.30	0.00	0.00	0.00	21.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:15:00 AM	214.00	3.40	22.30	0.00	0.00	0.00	22.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:30:00 AM	219.00	4.70	22.30	0.00	0.00	0.00	24.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 11:45:00 AM	218.00	4.60	22.30	0.00	0.00	0.00	17.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:00:00 PM	213.00	8.40	22.30	0.00	0.00	0.00	16.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:15:00 PM	196.00	7.00	22.30	0.00	0.00	0.00	17.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:30:00 PM	178.00	5.50	19.50	0.40	0.00	0.00	19.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 12:45:00 PM	159.00	8.80	2.50	0.40	0.00	0.00	2.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:00:00 PM	171.00	8.00	4.00	0.40	0.00	0.00	4.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:15:00 PM	219.00	7.10	22.30	0.00	0.00	0.00	4.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:30:00 PM	213.00	4.60	22.30	0.00	0.00	0.00	4.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 1:45:00 PM	191.00	4.40	22.30	0.00	0.00	0.00	4.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:00:00 PM	197.00	4.70	22.30	0.00	0.00	0.00	4.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:15:00 PM	195.00	5.90	22.30	0.00	0.00	0.00	3.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:30:00 PM	204.00	6.10	22.30	0.00	0.00	0.00	3.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 2:45:00 PM	199.00	4.50	22.30	0.00	0.00	0.00	3.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:00:00 PM	183.00	5.90	22.30	0.00	0.00	0.00	3.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:15:00 PM	206.00	3.20	22.30	0.00	0.00	0.00	3.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:30:00 PM	198.00	4.90	22.30	0.00	0.00	0.00	3.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 3:45:00 PM	201.00	3.60	22.30	0.00	0.00	0.00	3.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/22/2012 4:00:00 PM	198.00	4.20	22.30	0.00	0.00	0.00											

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)							Naphthalene ($\mu\text{g}/\text{m}^3$)								
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/23/2012 12:45:00 AM	122.00	2.20	13.70	0.40	0.00	0.00	13.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:00:00 AM	151.00	1.60	23.30	0.40	0.00	0.00	23.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:15:00 AM	157.00	2.70	27.70	0.40	0.00	0.00	27.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:30:00 AM	74.00	0.80	0.00	22.30	22.30	0.00	42.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:45:00 AM	149.00	2.20	41.10	0.40	0.00	0.00	41.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:00:00 AM	177.00	2.90	39.40	0.40	0.00	0.00	39.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:15:00 AM	162.00	3.10	33.60	0.40	0.00	0.00	33.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:30:00 AM	184.00	3.90	22.30	0.00	0.00	0.00	34.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:45:00 AM	192.00	3.70	22.30	0.00	0.00	0.00	40.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:00:00 AM	182.00	2.30	22.30	0.00	0.00	0.00	45.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:15:00 AM	204.00	2.50	22.30	0.00	0.00	0.00	50.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:30:00 AM	277.00	1.20	0.40	50.30	49.90	0.00	50.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:45:00 AM	203.00	1.20	22.30	0.00	0.00	0.00	39.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 4:00:00 AM	124.00	0.60	23.90	0.40	0.00	0.00	23.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 4:15:00 AM	231.00	0.80	22.30	0.00	0.00	0.00	21.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 4:30:00 AM	310.00	0.90	0.40	15.70	15.30	0.00	15.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 4:45:00 AM	308.00	0.80	0.40	15.30	14.90	0.00	15.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 5:00:00 AM	6.00	1.10	0.00	22.30	22.30	0.00	14.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 5:15:00 AM	298.00	0.60	0.40	15.30	14.90	0.00	15.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 5:30:00 AM	355.00	1.20	0.40	15.90	15.50	0.00	15.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 5:45:00 AM	357.00	2.20	0.40	28.50	28.10	0.00	28.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 6:00:00 AM	352.00	1.60	0.40	31.30	30.90	0.00	31.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 6:15:00 AM	346.00	1.00	0.40	28.40	28.00	0.00	28.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 6:30:00 AM	86.00	0.60	0.00	22.30	22.30	0.00	31.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 6:45:00 AM	330.00	1.30	0.40	34.10	33.70	0.00	34.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 7:00:00 AM	349.00	1.50	0.40	33.20	32.80	0.00	33.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 7:15:00 AM	329.00	1.10	0.40	27.30	26.90	0.00	27.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 7:30:00 AM	211.00	0.50	22.30	0.00	0.00	0.00	32.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 7:45:00 AM	216.00	0.80	22.30	0.00	0.00	0.00	28.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 8:00:00 AM	167.00	1.30	28.70	0.40	0.00	0.00	28.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 8:15:00 AM	126.00	0.30	28.80	0.40	0.00	0.00	28.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 8:30:00 AM	181.00	3.10	22.30	0.00	0.00	0.00	32.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 8:45:00 AM	204.00	3.20	22.30	0.00	0.00	0.00	29.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 9:00:00 AM	175.00	4.10	37.50	0.40	0.00	0.00	37.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 9:15:00 AM	200.00	3.00	22.30	0.00	0.00	0.00	31.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 9:30:00 AM	205.00	3.90	22.30	0.00	0.00	0.00	27.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 9:45:00 AM	213.00	3.60	22.30	0.00	0.00	0.00	10.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 10:00:00 AM	207.00	3.50	22.30	0.00	0.00	0.00	9.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 10:15:00 AM	196.00	3.30	22.30	0.00	0.00	0.00	9.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 10:30:00 AM	209.00	3.40	22.30	0.00	0.00	0.00	11.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 10:45:00 AM	208.00	4.80	22.30	0.00	0.00	0.00	9.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 11:00:00 AM	204.00	4.70	22.30	0.00	0.00	0.00	11.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 11:15:00 AM	189.00	4.40	22.30	0.00	0.00	0.00	13.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 11:30:00 AM	170.00	4.30	12.40	0.40	0.00	0.00	12.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 11:45:00 AM	189.00	4.50	22.30	0.00	0.00	0.00	10.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 12:00:00 PM	215.00	5.30	22.30	0.00	0.00	0.00	8.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 12:15:00 PM	219.00	5.50	22.30	0.00	0.00	0.00	8.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 12:30:00 PM	213.00	4.30	22.30	0.00	0.00	0.00	10.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 12:45:00 PM	219.00	3.80	22.30	0.00	0.00	0.00	8.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:00:00 PM	205.00	5.90	22.30	0.00	0.00	0.00	7.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:15:00 PM	197.00	6.20	22.30	0.00	0.00	0.00	9.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:30:00 PM	208.00	3.70	22.30	0.00	0.00	0.00	8.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 1:45:00 PM	209.00	5.40	22.30	0.00	0.00	0.00	9.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:00:00 PM	211.00	6.30	22.30	0.00	0.00	0.00	9.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:15:00 PM	213.00	5.90	22.30	0.00	0.00	0.00	9.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:30:00 PM	200.00	4.80	22.30	0.00	0.00	0.00	10.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 2:45:00 PM	205.00	5.40	22.30	0.00	0.00	0.00	9.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:00:00 PM	204.00	4.40	22.30	0.00	0.00	0.00	9.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:15:00 PM	208.00	5.90	22.30	0.00	0.00	0.00	9.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:30:00 PM	218.00	5.70	22.30	0.00	0.00	0.00	10.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 3:45:00 PM	211.00	7.10	22.30	0.00	0.00	0.00	11.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/23/2012 4:00:00 PM	209.00	5.40	22.30	0.00														

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)							Naphthalene ($\mu\text{g}/\text{m}^3$)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/25/2012 2:15:00 AM	203.00	7.40	22.30	0.00	0.00	0.00	21.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 2:30:00 AM	206.00	6.40	22.30	0.00	0.00	0.00	20.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 2:45:00 AM	205.00	6.20	22.30	0.00	0.00	0.00	20.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 3:00:00 AM	199.00	6.60	22.30	0.00	0.00	0.00	19.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 3:15:00 AM	207.00	8.60	22.30	0.00	0.00	0.00	18.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 3:30:00 AM	203.00	6.60	22.30	0.00	0.00	0.00	17.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 3:45:00 AM	0.00	0.00	0.00	0.00	0.00	0.00	17.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:00:00 AM	196.00	4.30	22.30	0.00	0.00	0.00	18.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:15:00 AM	198.00	6.00	22.30	0.00	0.00	0.00	19.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:30:00 AM	194.00	5.90	22.30	0.00	0.00	0.00	20.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:45:00 AM	198.00	5.20	22.30	0.00	0.00	0.00	19.90	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:00:00 AM	190.00	6.10	22.30	0.00	0.00	0.00	19.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:15:00 AM	209.00	6.50	22.30	0.00	0.00	0.00	19.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:30:00 AM	212.00	5.30	22.30	0.00	0.00	0.00	20.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:45:00 AM	213.00	6.60	22.30	0.00	0.00	0.00	22.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:00:00 AM	201.00	5.00	22.30	0.00	0.00	0.00	21.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:15:00 AM	205.00	5.10	22.30	0.00	0.00	0.00	20.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:30:00 AM	199.00	5.30	22.30	0.00	0.00	0.00	22.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:45:00 AM	191.00	5.60	22.30	0.00	0.00	0.00	22.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:00:00 AM	192.00	6.80	22.30	0.00	0.00	0.00	22.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:15:00 AM	192.00	6.70	22.30	0.00	0.00	0.00	21.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:30:00 AM	196.00	5.70	22.30	0.00	0.00	0.00	23.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:45:00 AM	197.00	6.20	22.30	0.00	0.00	0.00	24.60	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:00:00 AM	198.00	6.00	22.30	0.00	0.00	0.00	23.20	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:15:00 AM	192.00	5.60	22.30	0.00	0.00	0.00	23.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:30:00 AM	196.00	7.60	22.30	0.00	0.00	0.00	22.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:45:00 AM	200.00	8.60	22.30	0.00	0.00	0.00	23.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:00:00 AM	207.00	7.80	22.30	0.00	0.00	0.00	22.70	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:15:00 AM	205.00	7.40	22.30	0.00	0.00	0.00	20.80	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:30:00 AM	208.00	9.60	22.30	0.00	0.00	0.00	19.30	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:45:00 AM	211.00	11.30	22.30	0.00	0.00	0.00	19.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:00:00 AM	209.00	8.40	22.30	0.00	0.00	0.00	20.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:15:00 AM	195.00	8.90	22.30	0.00	0.00	0.00	17.50	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:30:00 AM	214.00	9.60	22.30	0.00	0.00	0.00	19.10	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:45:00 AM	209.00	8.30	22.30	0.00	0.00	0.00	17.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 11:00:00 AM	217.00	10.50	22.30	0.00	0.00	0.00	18.00	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 11:15:00 AM	217.00	8.50	22.30	0.00	0.00	0.00	18.40	22.30	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:30:00 PM	212.00	6.90	6.10	0.00	0.00	0.00	10.30	6.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 4:45:00 PM	201.00	7.50	6.50	0.00	0.00	0.00	28.40	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:00:00 PM	206.00	8.40	7.70	0.00	0.00	0.00	11.20	7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:15:00 PM	212.00	8.90	8.40	0.00	0.00	0.00	11.00	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:30:00 PM	197.00	9.30	7.80	0.00	0.00	0.00	12.20	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 5:45:00 PM	198.00	6.50	8.40	0.00	0.00	0.00	13.90	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:00:00 PM	195.00	6.20	7.80	0.00	0.00	0.00	12.50	7.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:15:00 PM	202.00	7.00	6.70	0.00	0.00	0.00	13.00	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:30:00 PM	205.00	8.40	6.40	0.00	0.00	0.00	12.00	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 6:45:00 PM	266.00	8.30	7.30	0.00	0.00	0.00	13.30	7.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:00:00 PM	266.00	6.40	6.70	0.00	0.00	0.00	12.30	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:15:00 PM	282.00	6.50	0.00	11.90	0.00	0.00	11.90	6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:30:00 PM	285.00	6.00	0.00	12.80	0.00	0.00	12.80	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 7:45:00 PM	293.00	8.60	0.00	12.10	0.00	0.00	12.10	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:00:00 PM	274.00	6.50	0.00	5.60	0.00	0.00	5.60	-1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:15:00 PM	294.00	7.20	0.00	3.90	0.00	0.00	3.90	-0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:30:00 PM	272.00	6.90	0.00	2.70	0.00	0.00	2.70	-0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 8:45:00 PM	289.00	5.60	0.00	1.50	0.00	0.00	1.50	-0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:00:00 PM	286.00	4.70	0.00	7.20	0.00	0.00	7.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:15:00 PM	292.00	5.40	0.00	8.80	0.00	0.00	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:30:00 PM	272.00	5.00	0.00	5.70	0.00	0.00	5.70	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 9:45:00 PM	305.00	3.50	0.00	5.70	0.00	0.00	5.70	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:00:00 PM	313.00	4.90	0.00	5.90	0.00	0.00	5.90	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:15:00 PM	286.00	3.90	0.00	6.60	0.00	0.00	6.60	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:30:00 PM	309.00	3.80	0.00	6.60	0.00	0.00	6.60	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 10:45:00 PM	326.00	4.00	0.00	6.60	0.00	0.00	6.60	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 11:00:00 PM	306.00	4.70	0.00	5.00	0.00	0.00	5.00	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/25/2012 11:15:00 PM	309.00	6.00	0.00	6.10	0.00	0.00	6.10	-0.10	0.00	0.00</							

Indiana Harbor and Canal
Confined Disposal Facility
Real-Time Air Monitoring Data
10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates ($\mu\text{g}/\text{m}^3$)								Naphthalene ($\mu\text{g}/\text{m}^3$)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4		
10/26/2012 8:00:00 AM	344.00	3.70	0.00	9.80	0.00	0.00	9.80	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:15:00 AM	336.00	4.00	0.00	10.50	0.00	0.00	10.50	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:30:00 AM	343.00	4.20	0.00	12.70	0.00	0.00	12.70	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:45:00 AM	350.00	4.90	0.00	10.30	0.00	0.00	10.30	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:00:00 AM	345.00	4.80	0.00	8.30	0.00	0.00	8.30	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:15:00 AM	348.00	4.00	0.00	8.10	0.00	0.00	8.10	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:30:00 AM	348.00	4.00	0.00	7.40	0.00	0.00	7.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:45:00 AM	358.00	4.60	0.00	7.60	0.00	0.00	7.60	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:00:00 AM	4.00	7.60	0.00	-0.10	0.00	0.00	6.90	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:15:00 AM	7.00	7.10	0.00	0.10	0.00	0.00	7.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:30:00 AM	6.00	5.70	0.00	0.50	0.00	0.00	7.20	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:45:00 AM	11.00	7.30	0.00	-0.20	0.00	0.00	6.60	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:00:00 AM	18.00	6.50	0.00	-0.20	0.00	0.00	3.90	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:15:00 AM	6.00	7.80	0.00	-0.60	0.00	0.00	2.90	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:30:00 AM	5.00	8.90	0.00	-0.30	0.00	0.00	2.90	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:45:00 AM	13.00	7.10	0.00	0.50	0.00	0.00	3.10	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 12:00:00 PM	27.00	8.00	0.00	0.10	0.00	0.00	3.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 12:15:00 PM	19.00	6.30	0.00	-0.30	0.00	0.00	2.40	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 12:30:00 PM	21.00	8.20	0.00	-0.50	0.00	0.00	9.90	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 12:45:00 PM	11.00	7.50	0.00	-0.30	0.00	0.00	3.10	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 1:00:00 PM	15.00	7.90	0.00	-0.10	0.00	0.00	2.40	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 1:15:00 PM	22.00	7.00	0.00	-0.10	0.00	0.00	4.20	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 1:30:00 PM	20.00	6.10	0.00	0.10	0.00	0.00	2.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 1:45:00 PM	21.00	6.70	0.00	0.10	0.00	0.00	2.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 2:00:00 PM	9.00	6.10	0.00	0.20	0.00	0.00	2.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 2:15:00 PM	9.00	5.80	0.00	0.10	0.00	0.00	3.50	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 2:45:00 PM	39.00	7.30	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 3:00:00 PM	42.00	6.90	0.00	-0.40	0.00	0.00	5.30	-0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 3:15:00 PM	40.00	6.40	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 3:30:00 PM	34.00	6.20	0.00	-0.10	0.00	0.00	3.40	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 3:45:00 PM	30.00	4.80	0.00	-0.30	0.00	0.00	4.60	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 4:00:00 PM	43.00	5.60	0.00	-0.10	0.00	0.00	6.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 4:15:00 PM	45.00	5.60	0.00	0.80	0.00	0.00	3.60	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 4:30:00 PM	43.00	7.10	0.00	1.20	0.00	0.00	4.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 4:45:00 PM	41.00	6.10	0.00	0.80	0.00	0.00	4.10	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 5:00:00 PM	37.00	5.10	0.00	1.40	0.00	0.00	3.80	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 5:15:00 PM	31.00	4.70	0.00	1.90	0.00	0.00	4.10	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 5:30:00 PM	14.00	4.40	0.00	2.50	0.00	0.00	5.40	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 5:45:00 PM	26.00	3.50	0.00	3.40	0.00	0.00	6.30	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 6:00:00 PM	25.00	5.40	0.00	1.60	0.00	0.00	5.80	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 6:15:00 PM	10.00	4.80	0.00	2.20	0.00	0.00	6.80	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 6:30:00 PM	21.00	4.80	0.00	1.40	0.00	0.00	6.80	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 6:45:00 PM	3.00	5.10	0.00	2.40	0.00	0.00	13.30	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 7:00:00 PM	4.00	5.30	0.00	2.20	0.00	0.00	14.50	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 7:15:00 PM	8.00	5.70	0.00	2.30	0.00	0.00	14.30	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 7:30:00 PM	7.00	5.10	0.00	2.30	0.00	0.00	14.10	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 7:45:00 PM	6.00	4.30	0.00	2.50	0.00	0.00	12.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:00:00 PM	7.00	3.90	0.00	2.20	0.00	0.00	14.20	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:15:00 PM	21.00	4.20	0.00	2.50	0.00	0.00	11.10	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:30:00 PM	13.00	4.70	0.00	2.40	0.00	0.00	10.80	2.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 8:45:00 PM	16.00	4.00	0.00	2.70	0.00	0.00	10.90	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:00:00 PM	6.00	4.40	0.00	2.60	0.00	0.00	10.60	2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:15:00 PM	3.00	4.80	0.00	2.80	0.00	0.00	9.20	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:30:00 PM	5.00	5.40	0.00	2.80	0.00	0.00	9.30	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 9:45:00 PM	6.00	6.80	0.00	2.10	0.00	0.00	8.40	2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:00:00 PM	9.00	6.20	0.00	2.30	0.00	0.00	11.00	2.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:15:00 PM	8.00	6.40	0.00	2.70	0.00	0.00	11.00	2.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:30:00 PM	7.00	6.40	0.00	2.00	0.00	0.00	6.90	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 10:45:00 PM	21.00	8.30	0.00	2.20	0.00	0.00	7.00	2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:00:00 PM	28.00	6.00	0.00	1.60	0.00	0.00	7.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:15:00 PM	25.00	5.70	0.00	1.80	0.00	0.00	6.10	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:30:00 PM	40.00	8.20	0.00	2.00	0.00	0.00	7.10	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/26/2012 11:45:00 PM	28.00	6.90	0.00	2.20	0.00	0.00	6.60	2.20	0									

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/27/2012 9:00:00 AM	1.00	4.90	0.00	22.40	0.00	0.00	11.50	22.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:15:00 AM	7.00	8.30	0.00	22.40	0.00	0.00	12.80	22.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:30:00 AM	6.00	8.90	0.00	27.70	0.00	0.00	14.50	27.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:45:00 AM	3.00	7.10	0.00	24.30	0.00	0.00	15.20	24.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:00:00 AM	6.00	9.40	0.00	23.50	0.00	0.00	12.40	23.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:15:00 AM	3.00	7.40	0.00	14.10	0.00	0.00	7.10	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:30:00 AM	3.00	8.40	0.00	11.80	0.00	0.00	7.20	11.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:45:00 AM	8.00	10.60	0.00	11.70	0.00	0.00	6.90	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:00:00 AM	13.00	9.00	0.00	12.00	0.00	0.00	7.20	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:15:00 AM	9.00	9.20	0.00	11.70	0.00	0.00	7.10	11.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:30:00 AM	11.00	8.90	0.00	11.60	0.00	0.00	7.80	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:45:00 AM	8.00	7.70	0.00	11.60	0.00	0.00	10.40	11.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 12:00:00 PM	12.00	10.30	0.00	13.30	0.00	0.00	11.70	13.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 12:15:00 PM	10.00	8.10	0.00	11.90	0.00	0.00	11.70	11.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 12:30:00 PM	16.00	7.70	0.00	10.80	0.00	0.00	11.30	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 12:45:00 PM	2.00	8.20	0.00	10.70	0.00	0.00	11.80	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 1:00:00 PM	8.00	8.40	0.00	10.50	0.00	0.00	11.70	10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 1:15:00 PM	11.00	8.90	0.00	10.20	0.00	0.00	10.90	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 1:30:00 PM	9.00	7.60	0.00	10.10	0.00	0.00	9.80	10.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 1:45:00 PM	18.00	9.90	0.00	9.60	0.00	0.00	9.50	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 2:00:00 PM	9.00	8.80	0.00	8.00	0.00	0.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 2:15:00 PM	7.00	8.10	0.00	7.40	0.00	0.00	7.30	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 2:30:00 PM	15.00	8.50	0.00	7.20	0.00	0.00	6.50	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 2:45:00 PM	13.00	9.70	0.00	6.20	0.00	0.00	5.80	6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 3:00:00 PM	15.00	8.80	0.00	5.40	0.00	0.00	5.40	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 3:15:00 PM	5.00	7.70	0.00	5.20	0.00	0.00	4.70	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 3:30:00 PM	18.00	7.10	0.00	5.70	0.00	0.00	4.30	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 3:45:00 PM	15.00	8.20	0.00	5.00	0.00	0.00	4.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 4:00:00 PM	7.00	6.80	0.00	5.40	0.00	0.00	4.30	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 4:15:00 PM	29.00	7.40	0.00	5.20	0.00	0.00	4.20	5.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 4:30:00 PM	31.00	9.40	0.00	4.90	0.00	0.00	4.10	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 4:45:00 PM	30.00	9.30	0.00	4.10	0.00	0.00	4.20	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 5:00:00 PM	27.00	9.20	0.00	4.00	0.00	0.00	4.20	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 5:15:00 PM	38.00	6.00	0.00	5.10	0.00	0.00	5.00	5.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 5:30:00 PM	34.00	7.00	0.00	5.90	0.00	0.00	7.80	5.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 5:45:00 PM	18.00	8.50	0.00	6.70	0.00	0.00	8.20	6.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 6:00:00 PM	20.00	5.70	0.00	6.50	0.00	0.00	7.20	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 6:15:00 PM	26.00	7.10	0.00	7.40	0.00	0.00	7.60	7.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 6:30:00 PM	22.00	7.10	0.00	9.80	0.00	0.00	5.90	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 6:45:00 PM	26.00	6.40	0.00	6.40	0.00	0.00	6.00	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 7:00:00 PM	28.00	7.80	0.00	7.10	0.00	0.00	7.40	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 7:15:00 PM	44.00	7.90	0.00	7.50	0.00	0.00	7.10	7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 7:30:00 PM	29.00	6.80	0.00	8.80	0.00	0.00	7.10	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 7:45:00 PM	28.00	6.80	0.00	9.60	0.00	0.00	7.00	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 8:00:00 PM	33.00	7.90	0.00	10.20	0.00	0.00	5.80	10.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 8:15:00 PM	31.00	8.30	0.00	9.80	0.00	0.00	4.90	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 8:30:00 PM	30.00	6.90	0.00	10.80	0.00	0.00	4.60	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 8:45:00 PM	37.00	5.30	0.00	8.80	0.00	0.00	4.30	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:00:00 PM	23.00	7.40	0.00	7.20	0.00	0.00	4.80	7.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:15:00 PM	41.00	7.30	0.00	7.10	0.00	0.00	4.00	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:30:00 PM	43.00	4.20	0.00	5.50	0.00	0.00	2.90	5.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 9:45:00 PM	48.00	5.40	0.00	4.40	0.00	0.00	3.00	4.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:00:00 PM	50.00	5.40	0.00	9.70	0.00	0.00	2.50	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:15:00 PM	44.00	5.70	0.00	3.90	0.00	0.00	4.30	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:30:00 PM	52.00	7.90	0.00	5.70	0.00	0.00	4.20	5.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 10:45:00 PM	40.00	6.30	0.00	3.00	0.00	0.00	3.90	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:00:00 PM	40.00	5.20	0.00	3.60	0.00	0.00	3.00	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:15:00 PM	39.00	6.90	0.00	3.70	0.00	0.00	3.10	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:30:00 PM	43.00	6.60	0.00	2.80	0.00	0.00	3.80	2.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/27/2012 11:45:00 PM	29.00	7.90	0.00	6.50	0.00	0.00	6.60	6.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012	33.00	6.50	0.00	9.20	0.00	0.00	2.70	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012 12:15:00 AM	30.00	9.00	0.00	10.70	0.00	0.00	2.10	10.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012 12:30:00 AM	26.00	7.60	0.00	9.30	0.00	0.00	2.00	9.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012 12:45:00 AM	22.00	9.50	0.00	5.00	0.00	0.00	2.10	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012 1:00:00 AM	33.00	6.90	0.00	5.40	0.00	0.00	2.50	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/28/2012 1:15:00 AM	38.00	7.30	0.00	6.00	0.00	0.00	2.00	6.00</									

Indiana Harbor and Canal
 Confined Disposal Facility
 Real-Time Air Monitoring Data
 10-22-12 to 10-31-12

Reading Date	Wind Direction Degrees Clockwise from North	Wind Speed mph	Particulates (µg/m ³)							Naphthalene (µg/m ³)							
			Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	Upwind	Downwind	CDF Contribution	M1	M2	M3	M4	
10/31/2012 7:15:00 PM	357.00	0.80	0.00	8.00	0.00	0.00	8.00	7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 7:30:00 PM	311.00	1.10	0.00	7.80	0.00	0.00	7.80	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 7:45:00 PM	288.00	1.50	0.00	6.90	0.00	0.00	6.90	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 8:00:00 PM	283.00	2.50	0.00	6.90	0.00	0.00	6.90	9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 8:15:00 PM	313.00	2.40	0.00	8.00	0.00	0.00	8.00	9.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 8:30:00 PM	323.00	2.50	0.00	7.90	0.00	0.00	7.90	10.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 8:45:00 PM	341.00	3.20	0.00	8.50	0.00	0.00	8.50	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 9:00:00 PM	346.00	4.70	0.00	10.90	0.00	0.00	10.90	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 9:15:00 PM	334.00	4.90	0.00	15.80	0.00	0.00	15.80	19.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 9:30:00 PM	356.00	3.10	0.00	15.90	0.00	0.00	15.90	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 9:45:00 PM	340.00	4.10	0.00	11.30	0.00	0.00	11.30	13.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 10:00:00 PM	344.00	3.20	0.00	9.00	0.00	0.00	9.00	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 10:15:00 PM	349.00	3.00	0.00	7.40	0.00	0.00	7.40	11.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 10:30:00 PM	349.00	3.40	0.00	7.90	0.00	0.00	7.90	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 10:45:00 PM	347.00	3.10	0.00	7.90	0.00	0.00	7.90	9.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 11:00:00 PM	341.00	3.30	0.00	8.80	0.00	0.00	8.80	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 11:15:00 PM	345.00	4.60	0.00	8.80	0.00	0.00	8.80	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 11:30:00 PM	338.00	3.80	0.00	8.80	0.00	0.00	8.80	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10/31/2012 11:45:00 PM	333.00	4.20	0.00	9.60	0.00	0.00	9.60	10.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00