

DENKA Air Monitoring Summary Sheet
May 25, 2016 - January 8, 2017

DATE	Units	238 Chad Baker	Acorn and Hwy 44	East St. John the Baptist High	Fifth Ward Elementary	Levee	Ochsner Hospital
05/25/16	(µg/m ³)	ND	1.29	0.831	ND	ND	ND
05/25/16 (collocated)	(µg/m ³)	--	--	--	ND	--	--
05/28/16	(µg/m ³)	--	Invalid	Invalid	--	Invalid	--
05/28/16 (collocated)	(µg/m ³)	--	--	Invalid	--	--	--
05/31/16	(µg/m ³)	7.58	30.3	2.02	3.07	6.13	17.5
05/31/16 (collocated)	(µg/m ³)	--	--	--	--	--	--
06/02/16	(µg/m ³)	7.15	0.073	2.67	1.88	2.64	0.083
06/02/16 (collocated)	(µg/m ³)	--	--	--	--	--	0.047
06/05/16	(µg/m ³)	11.1	ND	0.341	4.97	20.5	0.809
06/05/16 (collocated)	(µg/m ³)	--	ND	--	--	--	--
06/09/16	(µg/m ³)	5.48	0.624	1.25	3.41	4.93	4.68
06/09/16 (collocated)	(µg/m ³)	--	--	--	--	4.72	--
06/12/16	(µg/m ³)	5.37	0.983	5.15	0.573	0.272	1.28
06/12/16 (collocated)	(µg/m ³)	--	--	5.73	--	--	--
06/15/16	(µg/m ³)	1.21	0.225	1.07	1.74	0.366	10.8
06/15/16 (collocated)	(µg/m ³)	--	--	0.990	--	--	--
06/18/16	(µg/m ³)	7.87	4.39	0.268	1.89	2.70	2.98
06/18/16 (collocated)	(µg/m ³)	--	4.21	--	--	--	--
06/21/16	(µg/m ³)	5.08	ND	1.04	1.30	0.413	0.686
06/21/16 (collocated)	(µg/m ³)	--	--	--	1.49	--	--
06/24/16	(µg/m ³)	0.305	6.82	0.029	ND	0.319	7.54
06/24/16 (collocated)	(µg/m ³)	--	--	--	--	0.540	--
06/27/16	(µg/m ³)	0.163	1.19	0.417	ND	0.040	1.61
06/27/16 (collocated)	(µg/m ³)	--	1.19	--	--	--	--
06/30/16	(µg/m ³)	4.53	ND	0.352	3.50	7.15	ND
06/30/16 (collocated)	(µg/m ³)	4.21	--	--	--	--	--
07/03/16	(µg/m ³)	ND	0.054	1.69	ND	ND	4.28
07/03/16 (collocated)	(µg/m ³)	--	--	--	--	--	--
07/06/16	(µg/m ³)	ND	ND	0.120	ND	ND	9.61
07/06/16 (collocated)	(µg/m ³)	--	--	--	--	--	--

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07/09/16	(µg/m ³)	1.71	4.75	0.762	0.345	1.88	6.02
07/09/16 (collocated)	(µg/m ³)	--	--	--	--	--	6.64
07/12/16	(µg/m ³)	6.89	1.23	2.36	5.62	0.722	0.232
07/12/16 (collocated)	(µg/m ³)	--	--	2.70	--	--	--
07/15/16	(µg/m ³)	12.4	0.881	0.914	3.63	6.46	1.53
07/15/16 (collocated)	(µg/m ³)	--	--	--	--	--	1.73
07/18/16	(µg/m ³)	37.0	ND	0.276	44.3	1.70	ND
07/18/16 (collocated)	(µg/m ³)	33.2	--	--	--	--	--
07/21/16	(µg/m ³)	5.01	1.18	2.12	11.3	4.90	1.06
07/21/16 (collocated)	(µg/m ³)	--	--	--	11.3	--	--
07/24/16	(µg/m ³)	16.7	9.07	8.16	8.09	9.47	10.0
07/24/16 (collocated)	(µg/m ³)	--	--	--	--	10.0	--
07/27/16	(µg/m ³)	ND	1.71	0.196	ND	ND	3.59
07/27/16 (collocated)	(µg/m ³)	--	--	--	--	--	3.70
07/30/16	(µg/m ³)	2.49	5.30	2.67	3.15	6.35	11.2
07/30/16 (collocated)	(µg/m ³)	--	--	--	--	--	10.8
08/02/16	(µg/m ³)	0.254	0.881	1.86	10.3	16.8	6.56
08/02/16 (collocated)	(µg/m ³)	--	--	--	--	--	5.95
08/05/16	(µg/m ³)	5.84	12.5	2.39	8.67	21.4	5.48
08/05/16 (collocated)	(µg/m ³)	--	12.7	--	--	--	--
08/08/16	(µg/m ³)	0.417	4.86	1.63	0.569	2.77	0.827
08/08/16 (collocated)	(µg/m ³)	--	5.98	--	--	--	--
08/11/16	(µg/m ³)	ND	12.8	ND	ND	0.649	2.43
08/11/16 (collocated)	(µg/m ³)	--	--	--	--	--	2.23
08/14/16	(µg/m ³)	Invalid	Invalid	Invalid	Invalid	Invalid	Invalid
08/14/16 (collocated)	(µg/m ³)						
08/17/16	(µg/m ³)	No Samples Collected Due to Flooding in the Area					
08/17/16 (collocated)	(µg/m ³)	No Samples Collected Due to Flooding in the Area					
08/20/16	(µg/m ³)	No Samples Collected Due to Flooding in the Area					
08/20/16 (collocated)	(µg/m ³)	No Samples Collected Due to Flooding in the Area					

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08/23/16	(µg/m ³)	5.19	34.7	8.56	--	--	24.0
08/23/16 (collocated)	(µg/m ³)	--	--	--	--	--	23.0
08/26/16	(µg/m ³)	1.61	0.468	0.301	6.06	2.23	1.37
08/26/16 (collocated)	(µg/m ³)	1.65	--	--	--	--	--
08/29/16	(µg/m ³)	25.6	ND	0.627	38.4	0.073	ND
08/29/16 (collocated)	(µg/m ³)	--	--	--	38.8	--	--
09/01/16	(µg/m ³)	0.798	ND	ND	13.1	8.09	ND
09/01/16 (collocated)	(µg/m ³)	--	--	--	11.0	--	--
09/04/16	(µg/m ³)	31.0	39.2	10.2	34.7	74.7	7.65
09/04/16 (collocated)	(µg/m ³)	30.7	--	--	--	--	--
09/07/16	(µg/m ³)	Invalid	2.21	2.17	3.44	2.14	1.17
09/07/16 (collocated)	(µg/m ³)	33.8	--	--	--	--	--
09/10/16	(µg/m ³)	10.9	0.160	4.90	6.27	2.53	0.791
09/10/16 (collocated)	(µg/m ³)	10.7	--	--	--	--	--
09/13/16	(µg/m ³)	46.1	ND	0.120	16.1	0.232	ND
09/13/16 (collocated)	(µg/m ³)	44.3	--	--	--	--	--
09/16/16	(µg/m ³)	28.6	ND	0.921	0.693	ND	ND
09/16/16 (collocated)	(µg/m ³)	24.7	--	--	--	--	--
09/19/16	(µg/m ³)	ND	0.105	0.033	ND	1.320	0.076
09/19/16 (collocated)	(µg/m ³)	--	--	--	--	--	0.062
09/22/16	(µg/m ³)	0.363	ND	0.065	0.722	0.18	ND
09/22/16 (collocated)	(µg/m ³)	--	--	--	0.664	--	--
09/25/16	(µg/m ³)	0.109	0.073	0.127	0.105	0.548	ND
09/25/16 (collocated)	(µg/m ³)	0.138	--	--	--	--	--
09/28/16	(µg/m ³)	0.073	0.432	0.051	0.555	3.37	0.301
09/28/16 (collocated)	(µg/m ³)	--	--	--	--	3.49	--
10/01/16	(µg/m ³)	0.051	ND	ND	ND	10.3	ND
10/01/16 (collocated)	(µg/m ³)	--	--	--	--	10.6	--
10/04/16	(µg/m ³)	37.4	1.27	24.9	42.4	26.8	6.06
10/04/16 (collocated)	(µg/m ³)	--	--	--	33.3	--	--

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10/07/16	(µg/m ³)	32.8	0.403	1.37	5.77	4.24	0.704
10/07/16 (collocated)	(µg/m ³)		--	--	5.73	--	--
10/10/16	(µg/m ³)	8.49	ND	ND	12.5	8.74	ND
10/10/16 (collocated)	(µg/m ³)	--	--	--	12.6	--	--
10/13/16	(µg/m ³)	18.8	ND	3.57	1.76	1.27	0.258
10/13/16 (collocated)	(µg/m ³)	--	--	--	1.7	--	--
10/16/16	(µg/m ³)	32.3	ND	ND	25.6	3.33	ND
10/16/16 (collocated)	(µg/m ³)	31.6	--	--	--	--	--
10/19/16	(µg/m ³)	12.1	ND	1.70	0.232	ND	ND
10/19/16 (collocated)	(µg/m ³)	11.9	--	--	--	--	--
10/22/16	(µg/m ³)	0.410	ND	ND	ND	13.5	0.073
10/22/16 (collocated)	(µg/m ³)	--	--	--	--	9.68	--
10/25/16	(µg/m ³)	29.8	57.3	12.0	33.0	67.5	43.5
10/25/16 (collocated)	(µg/m ³)	--	--	--	--	65.3	--
10/28/16	(µg/m ³)	25.0	ND	0.07	11.1	11.9	ND
10/28/16 (collocated)	(µg/m ³)	--	--	--	11.9	--	--
10/31/16	(µg/m ³)	5.04	17.5	16.2	1.96	29.6	27.5
10/31/16 (collocated)	(µg/m ³)	--	--	--	1.99	--	--
11/03/16	(µg/m ³)	18.8	ND	ND	66.4	2.30	ND
11/03/16 (collocated)	(µg/m ³)	18.9	--	--	--	--	--
11/06/16	(µg/m ³)	32.6	0.54	0.102	28.9	3.12	0.120
11/06/16 (collocated)	(µg/m ³)	35.1	--	--	--	--	--
11/09/16	(µg/m ³)	0.921	ND	ND	16.4	ND	ND
11/09/16 (collocated)	(µg/m ³)	--	--	--	17.3	--	--
11/12/16	(µg/m ³)	0.221	ND	15.1	2.22	ND	ND
11/12/16 (collocated)	(µg/m ³)	--	--	--	2.13	--	--
11/15/16	(µg/m ³)	ND	106	0.268	ND	54.8	59.8
11/15/16 (collocated)	(µg/m ³)	--	--	--	ND	--	--
11/18/16	(µg/m ³)	16.9	0.827	3.61	23.4	0.210	0.831
11/18/16 (collocated)	(µg/m ³)	--	--	3.40	--	--	--
11/21/16	(µg/m ³)	8.27	153	0.388	1.60	147	66.7
11/21/16 (collocated)	(µg/m ³)	--	--	--	1.61	--	--
11/24/16	(µg/m ³)	2.81	5.66	0.870	1.02	17.1	3.77

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11/24/16 (collocated)	(µg/m3)	--	--	--	--	--	3.74
11/27/16	(µg/m3)	3.74	0.025	ND	5.40	4.90	0.018
11/27/16 (collocated)	(µg/m3)	--	--	--	5.08	--	--
11/30/16	(µg/m3)	0.018	0.025	0.058	0.025	0.802	0.218
11/30/16 (collocated)	(µg/m3)	--	--	0.062	--	--	--
12/03/16	(µg/m3)	40.6	0.044	ND	0.979	ND	ND
12/03/16 (collocated)	(µg/m3)	41.0	--	--	--	--	--
12/06/16	(µg/m3)	2.42	3.41	0.413	0.635	0.029	0.787
12/06/16 (collocated)	(µg/m3)	--	3.55	--	--	--	--
12/09/16	(µg/m3)	ND	ND	ND	0.433	0.537	ND
12/09/16 (collocated)	(µg/m3)	--	--	--	0.450	--	--
12/12/16	(µg/m3)	ND	0.196	2.41	ND	0.381	2.44
12/12/16 (collocated)	(µg/m3)	--	--	2.36	--	--	--
12/15/16	(µg/m3)	ND	ND	ND	0.025	21.3	ND
12/15/16 (collocated)	(µg/m3)	--	--	--	0.029	--	--
12/18/16	(µg/m3)	ND	ND	ND	ND	8.81	2.22
12/18/16 (collocated)	(µg/m3)	--	--	ND	--	--	--
12/21/16	(µg/m3)	40.3	1.71	0.889	37.4	17.4	3.21
12/21/16 (collocated)	(µg/m3)	--	--	--	39.9	--	--
12/24/16	(µg/m3)	26.2	ND	0.820	20.9	10.6	ND
12/24/16 (collocated)	(µg/m3)	25.5	--	--	--	--	--
12/27/16	(µg/m3)	17.1	0.649	1.11	16.7	0.812	0.232
12/27/16 (collocated)	(µg/m3)	16.2	--	--	--	--	--
12/30/16	(µg/m3)	3.18	ND	ND	4.82	17.6	ND
12/30/16 (collocated)	(µg/m3)	--	--	--	--	Invalid	--
01/02/17	(µg/m3)	19.5	3.06	2.93	0.664	ND	2.76
01/02/17 (collocated)	(µg/m3)	--	--	--	--	--	2.88
01/05/17	(µg/m3)	33.2	ND	0.577	17.5	4.68	ND
01/05/17 (collocated)	(µg/m3)	--	--	--	Invalid	--	--
01/08/17	(µg/m3)	1.28	ND	ND	1.81	Invalid	ND
01/08/17 (collocated)	(µg/m3)	--	--	--	--	Invalid	--

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NOTES	EXPLANATION						
---	No sample received in lab						
Invalid	Sample was invalid						
ND	Concentration not detected						
<i>Italicized</i>	<i>Concentration below method detection limit</i>						

Method detection limit (ppbv) = 0.010

Method detection limit ($\mu\text{g}/\text{m}^3$) = 0.036

Mol. Weight	88.5
Factor	3.63