

**DENKA Air Monitoring Summary Sheet**  
**May 25 - December 12, 2016**

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

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

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

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

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 (µg/m<sup>3</sup>) = 0.036

Mol. Weight	88.5
Factor	3.63