

DENKA Air Monitoring Summary Sheet
May 25, 2016 - May 05, 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	--
01/11/17	(µg/m3)	ND	ND	20.3	0.033	0.029	0.083
01/11/17 (collocated)	(µg/m3)	--	--	20.5	--	--	--
01/14/17	(µg/m3)	20.0	ND	ND	75.1	0.381	ND
01/14/17 (collocated)	(µg/m3)	--	--	--	75.1	--	--
01/17/17	(µg/m3)	ND	0.036	11.0	ND	0.036	0.522
01/17/17 (collocated)	(µg/m3)	--	--	10.7	--	--	--

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01/20/17	(µg/m3)	ND	7.76	0.145	ND	ND	1.78
01/20/17 (collocated)	(µg/m3)	--	--	--	--	--	1.99
01/23/17	(µg/m3)	ND	6.09	ND	ND	ND	0.022
01/23/17 (collocated)	(µg/m3)	--	6.13	--	--	--	--
01/26/17	(µg/m3)	ND	ND	ND	ND	0.939	0.297
01/26/17 (collocated)	(µg/m3)	--	--	--	--	--	0.297
01/29/17	(µg/m3)	ND	0.352	ND	ND	ND	ND
01/29/17 (collocated)	(µg/m3)	--	0.352	--	--	--	--
02/01/17	(µg/m3)	ND	ND	0.051	ND	ND	0.051
02/01/17 (collocated)	(µg/m3)	--	--	--	--	--	0.054
02/04/17	(µg/m3)	0.058	ND	ND	0.141	0.203	ND
02/04/17 (collocated)	(µg/m3)	--	--	--	0.174	--	--
02/07/17	(µg/m3)	ND	ND	0.087	ND	ND	0.051
02/07/17 (collocated)	(µg/m3)	--	--	0.087	--	--	--
02/10/17	(µg/m3)	1.32	ND	0.022	1.15	9.68	ND
02/10/17 (collocated)	(µg/m3)	1.40	--	--	--	--	--
02/13/17	(µg/m3)	0.316	14.2	ND	8.56	0.656	0.040
02/13/17 (collocated)	(µg/m3)	--	--	--	8.92	--	--
02/16/17	(µg/m3)	0.073	2.69	ND	0.218	2.62	ND
02/16/17 (collocated)	(µg/m3)	--	2.13	--	--	--	--
02/19/17	(µg/m3)	0.551	0.301	0.682	1.740	0.334	0.112
02/19/17 (collocated)	(µg/m3)	0.805	--	--	--	--	--
02/22/17	(µg/m3)	0.109	1.96	0.047	0.091	3.060	0.160
02/22/17 (collocated)	(µg/m3)	--	1.90	--	--	--	--
02/25/17	(µg/m3)	ND	0.939	ND	ND	35.80	11.10
02/25/17 (collocated)	(µg/m3)	--	0.856	--	--	--	--
02/28/17	(µg/m3)	ND	0.265	7.76	ND	ND	1.27
02/28/17 (collocated)	(µg/m3)	--	--	8.16	--	--	--
03/03/17	(µg/m3)	2.58	ND	ND	1.36	2.25	ND
03/03/17 (collocated)	(µg/m3)	--	--	--	1.55	--	--
03/06/17	(µg/m3)	ND	ND	0.620	ND	ND	ND
03/06/17 (collocated)	(µg/m3)	--	--	--	--	--	--
03/09/17	(µg/m3)	14.8	ND	1.44	3.15	0.112	0.047
03/09/17 (collocated)	(µg/m3)	15.5	--	--	--	--	--
03/12/17	(µg/m3)	5.6	ND	0.076	11.9	0.279	ND
03/12/17 (collocated)	(µg/m3)	5.3	--	--	--	--	--
03/15/17	(µg/m3)	0.497	0.04	0.025	2.44	2.250	0.025

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03/15/17 (collocated)	(µg/m3)	--	--	--	--	2.31	--
03/18/17	(µg/m3)	0.152	0.25	2.21	0.022	0.022	0.562
03/18/17 (collocated)	(µg/m3)	--	--	2.66	--	--	--
03/21/17	(µg/m3)	ND	2.84	ND	0.025	0.022	13.30
03/21/17 (collocated)	(µg/m3)	--	Invalid	--	--	--	--
03/24/17	(µg/m3)	0.062	0.029	0.178	ND	0.025	0.025
03/24/17 (collocated)	(µg/m3)	0.116	--	--	--	--	--
03/27/17	(µg/m3)	ND	0.022	4.86	ND	0.022	0.033
03/27/17 (collocated)	(µg/m3)	--	--	4.72	--	--	--
03/30/17	(µg/m3)	2.67	0.881	2.66	0.283	0.406	2.67
03/30/17 (collocated)	(µg/m3)	--	--	2.68	--	--	--
04/02/17	(µg/m3)	4.90	ND	ND	0.044	ND	ND
04/02/17 (collocated)	(µg/m3)	5.080	--	--	--	--	--
04/05/17	(µg/m3)	0.334	0.729	0.210	ND	ND	3.74
04/05/17 (collocated)	(µg/m3)	--	--	0.174	--	--	--
04/08/17	(µg/m3)	17.3	0.925	3.20	13.7	28.3	1.05
04/08/17 (collocated)	(µg/m3)	--	--	--	--	--	--
04/11/17	(µg/m3)	8.96	0.029	0.294	3.84		0.036
04/11/17 (collocated)	(µg/m3)	9.10	--	--	--	--	--
04/14/17	(µg/m3)	24.6	ND	1.35	51.1	12.5	0.218
04/14/17 (collocated)	(µg/m3)	32.0	--	--	--	--	--
04/17/17	(µg/m3)	18.4	0.029	1.53	17.6	0.120	0.276
04/17/17 (collocated)	(µg/m3)	Invalid	--	--	--	--	--
04/20/17	(µg/m3)	8.270	ND	0.381	7.620	0.319	0.109
04/20/17 (collocated)	(µg/m3)	8.960	--	--	--	--	--
04/23/17	(µg/m3)	0.765	0.816	0.102	0.051	10.6	0.232
04/23/17 (collocated)	(µg/m3)	--	0.943	--	--	--	--
04/26/17	(µg/m3)	0.025	0.029	Invalid	0.054	0.029	2.390
04/26/17 (collocated)	(µg/m3)	--	--	7.58	--	--	--
04/29/17	(µg/m3)	0.044	0.029	2.19	0.033	0.033	0.029
04/29/17 (collocated)	(µg/m3)	--	--	2.30	--	--	--
05/02/17	(µg/m3)	9.94	11.5	6.60	4.64	9.90	17.6
05/02/17 (collocated)	(µg/m3)	--	--	--	--	--	17.6
05/05/17	(µg/m3)	ND	2.81	ND	ND	0.174	0.312
05/05/17 (collocated)	(µg/m3)	--	--	--	--	0.134	--

DENKA Air Monitoring Summary Sheet
May 25, 2016 - May 05, 2017

DATE	Units	238 Chad Baker	Acorn and Hwy 44	East St. John the Baptist High	Fifth Ward Elementary	Levee	Ochsner Hospital
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