

Analytical Air Sampling Detections by Location

Camp Minden, LA: 2016-02-25 to 2016-04-13

Analytical Method	Analyte	Location	Count of Samp No	Detection Count	Min. Detection	Max. Detection	Average Result
EPA 40 CFR 50 Appendix L	PARTICULATE MATTER/PM2.5 (ug/m3)	Site 01: LSU Fire Academy	12	12	3.4	8.2	5.725
		Site 02: Camp Minden N. Gate	10	10	3.9	8.1	5.94
		Site 03: Princeton Elementary School	9	9	3.4	9.2	6.122
		Site 04: Haughton Fire Dept.	9	9	4.2	8.9	6.744
EPA 40 CFR 50 Appendix O	PARTICULATE MATTER/PM10 (ug/m3)	Site 01: LSU Fire Academy	15	15	4.4	17.7	11.4
		Site 02: Camp Minden N. Gate	10	10	7	19.1	11.81
		Site 03: Princeton Elementary School	10	10	5.8	23.9	13.59
		Site 04: Haughton Fire Dept.	9	9	7.2	21.1	12.522
TO-9A	1,2,3,4,7,8-HxCDD (pg/m3)	Site 03: Princeton Elementary School	1	1	0.0055	0.0055	
	1,2,3,4,7,8-HxCDF (pg/m3)	Site 01: LSU Fire Academy	2	1	0.0054	0.0054	
		Site 02: Camp Minden N. Gate	1	1	0.013	0.013	
		Site 03: Princeton Elementary School	1	1	0.015	0.015	
		Site 04: Haughton Fire Dept.	1	1	0.023	0.023	
	1,2,3,6,7,8-HxCDD (pg/m3)	Site 01: LSU Fire Academy	2	1	0.0039	0.0039	
		Site 02: Camp Minden N. Gate	1	1	0.0036	0.0036	
		Site 03: Princeton Elementary School	1	1	0.009	0.009	
	1,2,3,7,8-PeCDF (pg/m3)	Site 03: Princeton Elementary School	1	1	0.0074	0.0074	
		Site 04: Haughton Fire Dept.	1	1	0.0074	0.0074	
	1,2,3,7,8,9-HxCDD (pg/m3)	Site 02: Camp Minden N. Gate	1	1	0.0075	0.0075	
		Site 03: Princeton Elementary School	1	1	0.014	0.014	
		Site 04: Haughton Fire Dept.	1	1	0.007	0.007	
	2,3,4,7,8-PeCDF (pg/m3)	Site 01: LSU Fire Academy	2	1	0.0037	0.0037	
		Site 02: Camp Minden N. Gate	1	1	0.0055	0.0055	
		Site 03: Princeton Elementary School	1	1	0.0068	0.0068	
		Site 04: Haughton Fire Dept.	1	1	0.015	0.015	
	2,3,7,8-TCDF (pg/m3)	Site 01: LSU Fire Academy	2	2	0.0057	0.0073	0.007
		Site 02: Camp Minden N. Gate	1	1	0.012	0.012	
		Site 03: Princeton Elementary School	1	1	0.032	0.032	
Total HpCDD (pg/m3)	Site 03: Princeton Elementary School	1	1	0.26	0.26		
Total HxCDD (pg/m3)	Site 01: LSU Fire Academy	2	2	0.0039	0.015	0.009	

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TO-9A	Total HxCDD (pg/m3)	Site 02: Camp Minden N. Gate	1	1	0.062	0.062	
		Site 03: Princeton Elementary School	1	1	0.18	0.18	
		Site 04: Haughton Fire Dept.	1	1	0.078	0.078	
	Total PeCDD (pg/m3)	Site 01: LSU Fire Academy	2	1	0.01	0.01	
		Site 02: Camp Minden N. Gate	1	1	0.0081	0.0081	
		Site 03: Princeton Elementary School	1	1	0.15	0.15	
		Site 04: Haughton Fire Dept.	1	1	0.091	0.091	
	Total PeCDF (pg/m3)	Site 01: LSU Fire Academy	2	2	0.021	0.023	0.022
		Site 02: Camp Minden N. Gate	1	1	0.037	0.037	
		Site 03: Princeton Elementary School	1	1	0.076	0.076	
		Site 04: Haughton Fire Dept.	1	1	0.18	0.18	
	Total TCDD (pg/m3)	Site 01: LSU Fire Academy	2	2	0.0032	0.0047	0.004
		Site 02: Camp Minden N. Gate	1	1	0.01	0.01	
		Site 03: Princeton Elementary School	1	1	0.16	0.16	
		Site 04: Haughton Fire Dept.	1	1	0.065	0.065	
	Total TCDF (pg/m3)	Site 01: LSU Fire Academy	2	2	0.041	0.053	0.047
Site 02: Camp Minden N. Gate		1	1	0.07	0.07		
Site 03: Princeton Elementary School		1	1	0.15	0.15		
Site 04: Haughton Fire Dept.		1	1	0.24	0.24		
TO-13A	1,4-Dichlorobenzene (ug/m3)	Site 02: Camp Minden N. Gate	11	1	0.018	0.018	
		Site 03: Princeton Elementary School	11	3	0.0049	0.035	0.019
		Site 04: Haughton Fire Dept.	11	2	0.0077	0.024	0.016
	2-Methylnaphthalene (ug/m3)	Site 01: LSU Fire Academy	14	5	0.0064	0.041	0.026
		Site 02: Camp Minden N. Gate	11	2	0.0063	0.011	0.009
		Site 03: Princeton Elementary School	11	2	0.0055	0.0084	0.007
		Site 04: Haughton Fire Dept.	11	4	0.0049	0.025	0.014
	3 & 4 Methylphenol (ug/m3)	Site 04: Haughton Fire Dept.	11	1	0.0061	0.0061	
	4-Chloro-3-methylphenol (ug/m3)	Site 01: LSU Fire Academy	14	1	0.0073	0.0073	
		Site 03: Princeton Elementary School	11	1	0.007	0.007	
Site 04: Haughton Fire Dept.		11	1	0.0081	0.0081		

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TO-13A	Acenaphthene (ug/m3)	Site 01: LSU Fire Academy	14	6	0.0044	0.046	0.026
		Site 04: Haughton Fire Dept.	11	1	0.011	0.011	
	Benzoic acid (ug/m3)	Site 01: LSU Fire Academy	14	1	0.094	0.094	
		Site 02: Camp Minden N. Gate	11	1	0.035	0.035	
		Site 03: Princeton Elementary School	11	1	0.043	0.043	
		Site 04: Haughton Fire Dept.	11	2	0.042	0.16	0.101
	Bis(2-chloroethyl)ether (ug/m3)	Site 01: LSU Fire Academy	14	1	0.1	0.1	
		Site 02: Camp Minden N. Gate	11	1	0.066	0.066	
	Di-n-butyl phthalate (ug/m3)	Site 01: LSU Fire Academy	14	6	0.043	0.73	0.397
		Site 02: Camp Minden N. Gate	11	5	0.043	0.66	0.318
		Site 03: Princeton Elementary School	11	5	0.076	0.69	0.341
		Site 04: Haughton Fire Dept.	11	4	0.054	1.7	0.517
	Dibenzofuran (ug/m3)	Site 01: LSU Fire Academy	14	3	0.0085	0.033	0.021
		Site 02: Camp Minden N. Gate	11	1	0.0049	0.0049	
		Site 03: Princeton Elementary School	11	1	0.005	0.005	
		Site 04: Haughton Fire Dept.	11	2	0.0043	0.0088	0.007
	Diethyl phthalate (ug/m3)	Site 01: LSU Fire Academy	14	1	0.028	0.028	
	Fluorene (ug/m3)	Site 01: LSU Fire Academy	14	4	0.0094	0.032	0.02
		Site 03: Princeton Elementary School	11	1	0.0037	0.0037	
		Site 04: Haughton Fire Dept.	11	1	0.0068	0.0068	
	Naphthalene (ug/m3)	Site 01: LSU Fire Academy	14	11	0.007	0.08	0.033
		Site 02: Camp Minden N. Gate	11	6	0.005	0.03	0.016
		Site 03: Princeton Elementary School	11	5	0.007	0.035	0.017
Site 04: Haughton Fire Dept.		11	7	0.0092	0.049	0.029	
Phenanthrene (ug/m3)	Site 01: LSU Fire Academy	14	6	0.0036	0.04	0.02	
	Site 02: Camp Minden N. Gate	11	1	0.0053	0.0053		
	Site 03: Princeton Elementary School	11	3	0.0034	0.0062	0.005	
	Site 04: Haughton Fire Dept.	11	3	0.0037	0.011	0.007	
Phenol (ug/m3)	Site 03: Princeton Elementary School	11	1	0.033	0.033		
TO-15	1,2,4-Trimethylbenzene (ug/m3)	Site 04: Haughton Fire Dept.	11	1	1.5	1.5	

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TO-15	1,3,5-Trimethylbenzene (ug/m3)	Slte 04: Haughton Fire Dept.	11	1	1.5	1.5	
	2-Butanone (MEK) (ug/m3)	Site 01: LSU Fire Academy	14	9	0.75	2.9	1.324
		Site 02: Camp Minden N. Gate	11	9	0.64	2.1	1.197
		Site 03: Princeton Elementary School	11	8	0.79	1.9	1.169
		Slte 04: Haughton Fire Dept.	11	8	0.7	2.6	1.421
	2-Hexanone (ug/m3)	Site 01: LSU Fire Academy	14	2	0.37	0.74	0.555
	Acetone (ug/m3)	Site 01: LSU Fire Academy	14	14	3.6	18	6.807
		Site 02: Camp Minden N. Gate	11	11	3.5	14	7.509
		Site 03: Princeton Elementary School	11	11	3.7	10	6.927
		Slte 04: Haughton Fire Dept.	11	11	3.6	17	7.391
	Benzene (ug/m3)	Site 01: LSU Fire Academy	14	14	0.31	0.92	0.568
		Site 02: Camp Minden N. Gate	11	11	0.29	0.8	0.541
		Site 03: Princeton Elementary School	11	11	0.3	1.2	0.597
		Slte 04: Haughton Fire Dept.	11	11	0.31	3.2	0.911
	Carbon disulfide (ug/m3)	Site 01: LSU Fire Academy	14	2	0.32	0.83	0.575
		Site 02: Camp Minden N. Gate	11	1	0.8	0.8	
		Site 03: Princeton Elementary School	11	1	0.49	0.49	
		Slte 04: Haughton Fire Dept.	11	1	10	10	
	Carbon tetrachloride (ug/m3)	Site 01: LSU Fire Academy	14	12	0.4	0.63	0.518
		Site 02: Camp Minden N. Gate	11	9	0.41	0.59	0.526
		Site 03: Princeton Elementary School	11	9	0.42	0.63	0.514
		Slte 04: Haughton Fire Dept.	11	7	0.42	0.59	0.5
	Chloromethane (ug/m3)	Site 01: LSU Fire Academy	14	14	1.2	2	1.6
		Site 02: Camp Minden N. Gate	11	11	0.98	1.8	1.58
		Site 03: Princeton Elementary School	11	11	0.99	1.8	1.535
		Slte 04: Haughton Fire Dept.	11	11	0.99	2.2	1.599
	Dichlorodifluoromethane (ug/m3)	Site 01: LSU Fire Academy	14	14	2.1	3	2.679
		Site 02: Camp Minden N. Gate	11	11	2.1	3	2.673
		Site 03: Princeton Elementary School	11	11	2.2	3	2.682
		Slte 04: Haughton Fire Dept.	11	11	2.2	3	2.709

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TO-15	Ethylbenzene (ug/m3)	Site 02: Camp Minden N. Gate	11	1	0.36	0.36	
		Slte 04: Haughton Fire Dept.	11	1	0.3	0.3	
	m,p-Xylene (ug/m3)	Site 01: LSU Fire Academy	14	2	0.45	0.46	0.455
		Site 02: Camp Minden N. Gate	11	4	0.49	0.98	0.638
		Site 03: Princeton Elementary School	11	3	0.48	0.8	0.68
		Slte 04: Haughton Fire Dept.	11	4	0.74	1.2	0.96
	Methylene Chloride (ug/m3)	Site 01: LSU Fire Academy	14	11	0.35	0.87	0.552
		Site 02: Camp Minden N. Gate	11	8	0.35	1.5	0.613
		Site 03: Princeton Elementary School	11	7	0.31	1	0.599
		Slte 04: Haughton Fire Dept.	11	7	0.38	0.64	0.533
	o-Xylene (ug/m3)	Site 02: Camp Minden N. Gate	11	1	0.34	0.34	
		Site 03: Princeton Elementary School	11	2	0.27	0.29	0.28
		Slte 04: Haughton Fire Dept.	11	4	0.28	0.81	0.458
	Styrene (ug/m3)	Site 02: Camp Minden N. Gate	11	1	1.3	1.3	
	Tetrachloroethene (ug/m3)	Site 01: LSU Fire Academy	14	3	0.56	5.8	2.587
		Site 02: Camp Minden N. Gate	11	2	0.45	1.1	0.775
		Site 03: Princeton Elementary School	11	2	0.35	0.69	0.52
		Slte 04: Haughton Fire Dept.	11	1	0.71	0.71	
	Toluene (ug/m3)	Site 01: LSU Fire Academy	14	12	0.25	1.3	0.542
		Site 02: Camp Minden N. Gate	11	11	0.24	1.1	0.545
Site 03: Princeton Elementary School		11	10	0.43	1.9	0.876	
Slte 04: Haughton Fire Dept.		11	10	0.39	2.4	1.107	
Trichloroethene (ug/m3)	Site 01: LSU Fire Academy	14	2	1	1.7	1.35	
	Slte 04: Haughton Fire Dept.	11	1	5.8	5.8		
Trichlorofluoromethane (ug/m3)	Site 01: LSU Fire Academy	14	13	1.1	1.6	1.423	
	Site 02: Camp Minden N. Gate	11	11	1.1	1.7	1.418	
	Site 03: Princeton Elementary School	11	11	1.1	1.6	1.409	
	Slte 04: Haughton Fire Dept.	11	11	1.1	1.5	1.391	