Appendix A

Detailed Results of Ambient Air Samples Summarized by Station

A-1	1915 Kootenai River Rd (L1)
A-2	247 Indian Head Rd (L2)
A-3	101 Ski Rd (L3)
A-4	501 Mineral Ave (L4)
A-5	1427 Highway 37 N/J. Neils Park (L5)
A-6	3088 Highway 37 N (L6)
A-7	378 Cabinet View Rd - Maintenance Shop (L7)
A-8	60 Port Blvd (L8)
A-9	2261 Highway 2 S (L9)
A-10	378 Cabinet View Rd - Pump House (L10)
A-11	Corner of Snowshoe Drive and Woodland Heights (L11)
A-12	899 Farm to Market Rd (L12)
A-13	119 Evans Rd (L13)
A-14	475 Fish Hatchery Rd (L14)
A-15	5002 Highway 37 N (L15)
A-16	4500 Highway 2 W (L16)
A-17	Fisher River Bridge Milepost 0.25 (L17)
A-18	3501 Haul Rd (L18)
A-19	101 Iowa Flats Rd (R1)
A-20	1735 Missoula Ave (R2)

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Table A-1.
Detailed Results of Ambient Samples Collected at 1915 Kootenai River Rd (L1)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00063	10/3/06	26013	55	3.8E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00145	10/14/06	23945	50	4.2E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.8E-05
AA-00216	10/25/06	27066	54	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00255	11/5/06	26160	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00339	11/15/06	26139	70	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-00365	11/27/06	26241	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00407	12/8/06	26297	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00445	12/17/06	26349	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00489	12/30/06	26483	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00531	1/10/07	26659	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00573	1/21/07	26795	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00619	2/1/07	26431	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00675	2/12/07	26618	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00775	2/23/07	26329	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00786	3/6/07	26535	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00831	3/17/07	26264	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00890	3/28/07	27033	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00970	4/8/07	26901	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01011	4/19/07	26004	55	3.8E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01053	4/30/07	27059	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01087	5/11/07	26995	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01128	5/22/07	26856	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01177	6/2/07	26659	55	3.8E-05	1	3.8E-05	4.0E-06	1.8E-04	1	3.8E-05	4.0E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01249	6/13/07	26860	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01287	6/24/07	25574	62	3.9E-05	4	1.6E-04	5.3E-05	3.7E-04	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01325	7/5/07	25251	85	4.0E-05	3	1.2E-04	3.3E-05	3.2E-04	0	0.0E+00	0.0E+00	9.9E-05	2	7.9E-05	2.5E-04	2.5E-04	0	0.0E+00	0.0E+00	2.9E-05
AA-01404	7/16/07	27190	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01458	7/27/07	27456	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01501	8/7/07	26451	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01538	8/18/07	25979	63	3.8E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01605	8/29/07	26909	66	3.7E-05	3	1.1E-04	3.1E-05	3.0E-04	1	3.7E-05	4.0E-06	1.7E-04	0	0.0E+00	9.3E-05	9.3E-05	1	1.3E-05	1.5E-06	6.3E-05
AA-01642	9/9/07	25317	66	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.7E-05
AA-01708	9/20/07	25350	61	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.7E-05
AA-01756	10/1/07	26422	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01782	10/22/07	25126	65	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	2.9E-05
not collected																				
AA-01823	12/3/07	25018	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01870	12/24/07	26184	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-2.
Detailed Results of Ambient Samples Collected at 247 Indian Head Rd (L2)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00072	10/3/06	26009	70	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	2.7E-05
AA-00160	10/14/06	25854	54	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00207	10/25/06	26195	53	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00246	11/5/06	25275	53	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00330	11/15/06	26219	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00357	11/27/06	26364	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00398	12/8/06	26390	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00435	12/17/06	30040	55	3.3E-05	0	0.0E+00	0.0E+00	8.4E-05	0	0.0E+00	0.0E+00	8.4E-05	0	0.0E+00	8.4E-05	8.4E-05	0	0.0E+00	0.0E+00	3.1E-05
AA-00474	12/30/06	26637	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00520	1/10/07	26602	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00562	1/21/07	26724	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00608	2/1/07	26247	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00667	2/12/07	26877	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00692	2/23/07	26591	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00814	3/6/07	30642	70	3.3E-05	0	0.0E+00	0.0E+00	8.2E-05	0	0.0E+00	0.0E+00	8.2E-05	0	0.0E+00	8.2E-05	8.2E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-00822	3/17/07	26550	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00881	3/28/07	26882	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00995	4/8/07	24613	55	4.1E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.5E-05
cassette missing																				
AA-01045	4/30/07	27306	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01079	5/11/07	27378	55	3.7E-05	1	3.7E-05	3.9E-06	1.7E-04	0	0.0E+00	0.0E+00	9.2E-05	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01119	5/22/07	26893	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01154	6/2/07	26529	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01227	6/13/07	27001	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01279	6/24/07	25553	62	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01316	7/5/07	25013	67	4.0E-05	3	1.2E-04	3.4E-05	3.2E-04	2	8.0E-05	1.7E-05	2.6E-04	2	8.0E-05	2.6E-04	2.6E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01353	7/16/07	27304	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01447	7/27/07	27508	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
stolen																				
AA-01527	8/18/07	26425	64	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01597	8/29/07	26466	65	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01651	9/9/07	26335	70	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-3.
Detailed Results of Ambient Samples Collected at 101 Ski Rd (L3)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00105	10/3/06	22263	47	4.5E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	4.1E-05
AA-00153	10/14/06	25411	53	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00205	10/25/06	24664	49	4.1E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.9E-05
AA-00244	11/5/06	26308	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00328	11/15/06	26375	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00354	11/27/06	26318	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00396	12/8/06	26431	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00433	12/17/06	26864	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00472	12/30/06	26596	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00518	1/10/07	26916	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00560	1/21/07	26721	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00647	2/1/07	26418	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00659	2/12/07	26631	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00690	2/23/07	26505	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00755	3/6/07	26657	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00820	3/17/07	26565	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00879	3/28/07	26877	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00919	4/8/07	26834	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01001	4/19/07	26654	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01042	4/30/07	27306	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01077	5/11/07	27410	55	3.6E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01117	5/22/07	26756	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01152	6/2/07	26529	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01225	6/13/07	26875	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01277	6/24/07	25144	61	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01312	7/5/07	25145	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01351	7/16/07	27218	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01445	7/27/07	27551	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01488	8/7/07	26830	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01525	8/18/07	27684	67	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01595	8/29/07	26870	66	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	1	1.3E-05	1.5E-06	6.3E-05
AA-01649	9/9/07	26338	70	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-4.
Detailed Results of Ambient Samples Collected at 501 Mineral Ave (L4)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00107	10/3/06	25533	54	3.9E-05	1	3.9E-05	4.2E-06	1.8E-04	0	0.0E+00	0.0E+00	9.8E-05	1	3.9E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00151	10/14/06	23952	50	4.2E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.8E-05
AA-00209	10/25/06	25657	51	3.9E-05	2	7.8E-05	1.6E-05	2.5E-04	2	7.8E-05	1.6E-05	2.5E-04	2	7.8E-05	2.5E-04	2.5E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-00248	11/5/06	26202	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00332	11/15/06	26295	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00359	11/27/06	26191	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00401	12/8/06	26269	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00437	12/17/06	29705	55	3.4E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	8.5E-05	8.5E-05	0	0.0E+00	0.0E+00	3.1E-05
AA-00476	12/30/06	26553	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00522	1/10/07	26763	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00564	1/21/07	26598	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00613	2/1/07	26410	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00669	2/12/07	26587	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00697	2/23/07	26373	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00759	3/6/07	26531	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00824	3/17/07	26529	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00883	3/28/07	27053	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00963	4/8/07	26901	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01005	4/19/07	26644	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01047	4/30/07	27066	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01081	5/11/07	27211	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01121	5/22/07	26706	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01158	6/2/07	26227	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01231	6/13/07	26971	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01281	6/24/07	25266	61	4.0E-05	2	7.9E-05	1.6E-05	2.5E-04	2	7.9E-05	1.6E-05	2.5E-04	1	4.0E-05	1.8E-04	1.8E-04	1	1.5E-05	1.6E-06	6.8E-05
AA-01318	7/5/07	25159	67	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01358	7/16/07	27215	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01449	7/27/07	27512	55	3.6E-05	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01492	8/7/07	26849	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01529	8/18/07	25585	62	3.9E-05	3	1.2E-04	3.3E-05	3.1E-04	2	7.8E-05	1.6E-05	2.5E-04	2	7.8E-05	2.5E-04	2.5E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01599	8/29/07	26479	65	3.8E-05	3	1.1E-04	3.2E-05	3.0E-04	2	7.6E-05	1.6E-05	2.4E-04	3	1.1E-04	3.0E-04	3.0E-04	2	2.7E-05	5.7E-06	8.8E-05
AA-01653	9/9/07	26305	70	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01702	9/20/07	25011	60	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01749	10/1/07	26266	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00740	10/22/07	26379	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01789	11/12/07	26386	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01821	12/3/07	27478	68	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01868	12/24/07	26199	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-5.
Detailed Results of Ambient Samples Collected at 1427 Highway 37 N/J. Neils Park (L5)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00109	10/3/06	26013	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00147	10/14/06	22017	46	4.5E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	4.1E-05
AA-00211	10/25/06	26273	53	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00250	11/5/06	26303	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00334	11/15/06	26306	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00361	11/27/06	26212	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00403	12/8/06	26247	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00441	12/17/06	28428	55	3.5E-05	1	3.5E-05	3.8E-06	1.6E-04	1	3.5E-05	3.8E-06	1.6E-04	1	3.5E-05	1.6E-04	1.6E-04	0	0.0E+00	0.0E+00	3.1E-05
AA-00478	12/30/06	26531	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00524	1/10/07	26695	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00566	1/21/07	26795	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00615	2/1/07	26730	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00671	2/12/07	26527	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00699	2/23/07	26355	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00782	3/6/07	26520	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00826	3/17/07	26262	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00885	3/28/07	26901	55	3.7E-05	2	7.4E-05	1.5E-05	2.4E-04	2	7.4E-05	1.5E-05	2.4E-04	2	7.4E-05	2.4E-04	2.4E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00992	4/8/07	26886	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01007	4/19/07	26425	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01049	4/30/07	27062	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01083	5/11/07	26977	55	3.7E-05	2	7.4E-05	1.5E-05	2.4E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01124	5/22/07	26702	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01163	6/2/07	25667	90	3.9E-05	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	2.1E-05
AA-01240	6/13/07	26875	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01283	6/24/07	25556	62	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	4	5.8E-05	1.9E-05	1.4E-04
AA-01320	7/5/07	24876	66	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	0.0E+00	1.0E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01360	7/16/07	27196	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01454	7/27/07	27486	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01494	8/7/07	27322	56	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01531	8/18/07	26399	64	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01601	8/29/07	25271	62	4.0E-05	2	7.9E-05	1.6E-05	2.5E-04	2	7.9E-05	1.6E-05	2.5E-04	2	7.9E-05	2.5E-04	2.5E-04	1	1.4E-05	1.5E-06	6.7E-05
AA-01645	9/9/07	25117	65	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.8E-05
AA-01704	9/20/07	25046	60	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01752	10/1/07	26293	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01542	10/22/07	26357	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01791	11/12/07	26342	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01825	12/3/07	27404	68	3.6E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01872	12/24/07	26165	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-6.
Detailed Results of Ambient Samples Collected at 3088 Highway 37 N (L6)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
not collected																				
not collected																				
AA-00214	10/25/06	27560	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00252	11/5/06	26210	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00336	11/15/06	26297	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00363	11/27/06	26067	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00405	12/8/06	26394	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00443	12/17/06	26994	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00480	12/30/06	26732	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00529	1/10/07	26659	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00571	1/21/07	26628	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00617	2/1/07	26306	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00674	2/12/07	26364	70	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-00773	2/23/07	26332	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00784	3/6/07	26520	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00829	3/17/07	26464	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00887	3/28/07	26890	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00968	4/8/07	26882	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01009	4/19/07	26839	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01051	4/30/07	27062	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01085	5/11/07	26981	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01126	5/22/07	26572	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01168	6/2/07	26663	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01244	6/13/07	26734	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01285	6/24/07	26036	62	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01322	7/5/07	25094	66	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01402	7/16/07	27270	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01456	7/27/07	27341	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01499	8/7/07	26862	55	3.7E-05	4	1.5E-04	5.0E-05	3.5E-04	4	1.5E-04	5.0E-05	3.5E-04	4	1.5E-04	3.5E-04	3.5E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01533	8/18/07	25567	62	3.9E-05	2	7.8E-05	1.6E-05	2.5E-04	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01603	8/29/07	26097	64	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01647	9/9/07	26727	70	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01706	9/20/07	25137	60	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01754	10/1/07	26592	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01547	10/22/07	26271	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01793	11/12/07	26308	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01827	12/3/07	25393	63	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01874	12/24/07	26141	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-7.
Detailed Results of Ambient Samples Collected at 378 Cabinet View Rd - Maintenance Shop (L7)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00116	10/4/06	25620	65	3.9E-05	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.8E-05
AA-00193	10/15/06	17360	43	5.8E-05	1	5.8E-05	6.2E-06	2.7E-04	0	0.0E+00	0.0E+00	1.4E-04	0	0.0E+00	1.4E-04	1.4E-04	1	2.1E-05	2.3E-06	9.8E-05
AA-00227	10/26/06	26554	54	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00259	11/6/06	26247	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00291	11/16/06	26345	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00370	11/28/06	26459	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00412	12/9/06	26516	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00450	12/18/06	26225	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00494	12/31/06	26708	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00535	1/11/07	27101	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00575	1/22/07	27057	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00621	2/2/07	26769	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00677	2/13/07	26607	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00777	2/24/07	26318	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00788	3/7/07	25562	60	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.2E-05
AA-00834	3/18/07	26318	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00893	3/29/07	25339	72	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	2.9E-05
AA-00972	4/9/07	27421	55	3.6E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
power outage																				
AA-01055	5/1/07	27337	55	3.7E-05	1	3.7E-05	3.9E-06	1.7E-04	0	0.0E+00	0.0E+00	9.2E-05	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-01089	5/12/07	26661	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01130	5/23/07	26119	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01179	6/3/07	26793	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01251	6/14/07	26804	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01290	6/25/07	25255	62	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01327	7/6/07	25044	67	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
power outage																				
AA-01460	7/28/07	27194	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01503	8/8/07	26910	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01540	8/19/07	25755	62	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01610	8/30/07	25058	60	4.0E-05	2	8.0E-05	1.7E-05	2.6E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	1	1.5E-05	1.6E-06	6.9E-05
AA-01657	9/10/07	25793	70	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01710	9/21/07	25627	63	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01758	10/1/07	26338	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01555	10/22/07	26371	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01805	11/12/07	26269	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01839	12/3/07	28010	69	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.2E-05
AA-01864	12/24/07	26162	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-8.
Detailed Results of Ambient Samples Collected at 60 Port Blvd (L8)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00081	10/4/06	23614	64	4.2E-05	1	4.2E-05	4.6E-06	2.0E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	4.0E-05
AA-00181	10/15/06	18510	46	5.4E-05	1	5.4E-05	5.8E-06	2.5E-04	0	0.0E+00	0.0E+00	1.4E-04	1	5.4E-05	2.5E-04	2.5E-04	0	0.0E+00	0.0E+00	4.9E-05
AA-00218	10/26/06	23553	48	4.2E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	4.0E-05
AA-00265	11/6/06	26290	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00283	11/16/06	26295	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00381	11/28/06	26501	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00421	12/9/06	25835	54	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	2	2.8E-05	5.8E-06	9.0E-05
AA-00457	12/18/06	26186	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00503	12/31/06	26557	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00533	1/11/07	27233	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00582	1/22/07	26979	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00629	2/2/07	26583	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00706	2/13/07	26373	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00746	2/24/07	26384	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00798	3/7/07	26498	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00861	3/18/07	26262	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00903	3/29/07	26243	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00983	4/9/07	27109	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01022	4/20/07	26392	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01064	5/1/07	26119	53	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01098	5/12/07	26462	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01139	5/23/07	26399	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01188	6/3/07	27519	55	3.6E-05	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01260	6/14/07	26908	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01299	6/25/07	24757	61	4.0E-05	4	1.6E-04	5.5E-05	3.8E-04	3	1.2E-04	3.4E-05	3.2E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01337	7/6/07	25117	87	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	2.8E-05
AA-01415	7/17/07	27595	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01469	7/28/07	27525	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01511	8/8/07	27096	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01569	8/19/07	25925	62	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01619	8/30/07	27952	67	3.6E-05	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	3.9E-06	1.7E-04	1	3.6E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.3E-05
AA-01668	9/10/07	25667	70	3.9E-05	1	3.9E-05	4.2E-06	1.8E-04	1	3.9E-05	4.2E-06	1.8E-04	0	0.0E+00	9.8E-05	9.8E-05	1	1.4E-05	1.5E-06	6.5E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-9.
Detailed Results of Ambient Samples Collected at 2261 Highway 2 S (L9)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00118	10/4/06	31825	62	3.1E-05	0	0.0E+00	0.0E+00	7.9E-05	0	0.0E+00	0.0E+00	7.9E-05	0	0.0E+00	7.9E-05	7.9E-05	0	0.0E+00	0.0E+00	3.1E-05
AA-00199	10/15/06	18400	46	5.4E-05	0	0.0E+00	0.0E+00	1.4E-04	0	0.0E+00	0.0E+00	1.4E-04	0	0.0E+00	1.4E-04	1.4E-04	0	0.0E+00	0.0E+00	4.9E-05
AA-00222	10/26/06	26795	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00263	11/6/06	26254	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00285	11/16/06	26574	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00377	11/28/06	26719	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00419	12/9/06	26377	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00455	12/18/06	29019	55	3.4E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	8.7E-05	8.7E-05	0	0.0E+00	0.0E+00	3.1E-05
AA-00501	12/31/06	26786	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00539	1/11/07	26823	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00579	1/22/07	27049	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00627	2/2/07	26587	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00704	2/13/07	26388	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00743	2/24/07	26403	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	0.0E+00	9.5E-05	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00796	3/7/07	26581	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00863	3/18/07	26273	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00901	3/29/07	26542	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00978	4/9/07	27168	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01020	4/20/07	26581	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01062	5/1/07	27307	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01096	5/12/07	26654	55	3.8E-05	1	3.8E-05	4.0E-06	1.8E-04	0	0.0E+00	0.0E+00	9.4E-05	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01138	5/23/07	26962	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01186	6/3/07	27404	55	3.6E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01257	6/14/07	26800	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01297	6/25/07	25052	61	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01334	7/6/07	24955	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01431	7/19/07	25739	85	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	2.2E-05
AA-01466	7/28/07	27172	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01509	8/8/07	26921	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01567	8/19/07	26127	63	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01617	8/30/07	27088	65	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	0	0.0E+00	0.0E+00	9.3E-05	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01666	9/10/07	25503	69	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01719	9/21/07	27328	67	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01772	10/1/07	26345	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01557	10/22/07	26342	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01807	11/12/07	26262	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01841	12/3/07	25060	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01862	12/24/07	26173	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-10.
Detailed Results of Ambient Samples Collected at 378 Cabinet View Rd - Pump House (L10)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00125	10/4/06	25538	67	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.7E-05
AA-00189	10/15/06	24883	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-00229	10/26/06	26878	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00257	11/6/06	26202	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00287	11/16/06	26420	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00373	11/28/06	26800	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00414	12/9/06	26791	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00452	12/18/06	26117	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00496	12/31/06	26630	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00537	1/11/07	26563	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00577	1/22/07	27038	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00623	2/2/07	26758	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00679	2/13/07	26316	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00779	2/24/07	26314	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00792	3/7/07	27944	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00837	3/18/07	26409	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00895	3/29/07	26704	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00974	4/9/07	27179	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01016	4/20/07	26477	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01058	5/1/07	27179	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01092	5/12/07	26474	55	3.8E-05	2	7.6E-05	1.6E-05	2.4E-04	0	0.0E+00	0.0E+00	9.5E-05	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01132	5/23/07	26366	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01181	6/3/07	26999	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01253	6/14/07	26845	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01293	6/25/07	25230	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	1	1.4E-05	1.6E-06	6.7E-05
AA-01330	7/6/07	24948	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01409	7/17/07	25667	70	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01462	7/28/07	27187	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01505	8/8/07	26906	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01562	8/19/07	25318	61	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.7E-05
AA-01612	8/30/07	27505	66	3.6E-05	1	3.6E-05	3.9E-06	1.7E-04	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01662	9/10/07	25066	68	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-11.

Detailed Results of Ambient Samples Collected at Corner of Snowshoe Drive and Woodland Heights (L11)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
voided - damaged																				
AA-00197	10/15/06	18684	46	5.4E-05	1	5.4E-05	5.8E-06	2.5E-04	0	0.0E+00	0.0E+00	1.3E-04	1	5.4E-05	2.5E-04	2.5E-04	0	0.0E+00	0.0E+00	4.9E-05
AA-00225	10/26/06	26345	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00261	11/6/06	26189	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00293	11/16/06	25523	55	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00375	11/28/06	26780	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00417	12/9/06	26559	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00468	12/18/06	29589	55	3.4E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	8.5E-05	8.5E-05	0	0.0E+00	0.0E+00	3.1E-05
AA-00498	12/31/06	26591	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
voided - damaged																				
AA-00584	1/22/07	26925	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00625	2/2/07	26323	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00701	2/13/07	27688	100	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00741	2/24/07	26394	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00794	3/7/07	26916	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00839	3/18/07	26791	100	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00897	3/29/07	26542	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00976	4/9/07	27168	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01018	4/20/07	26332	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01060	5/1/07	27172	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01094	5/12/07	26481	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01135	5/23/07	26362	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01183	6/3/07	26988	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01255	6/14/07	26849	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01295	6/25/07	20508	62	4.9E-05	1	4.9E-05	5.3E-06	2.3E-04	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	1.2E-04	1.2E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01333	7/6/07	25067	85	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	2.9E-05
AA-01429	7/19/07	25917	85	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	2.2E-05
AA-01464	7/28/07	27168	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01507	8/8/07	26821	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01565	8/19/07	26044	63	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01614	8/30/07	25008	60	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01664	9/10/07	25081	68	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-12.
Detailed Results of Ambient Samples Collected at 899 Farm to Market Rd (L12)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00111	10/5/06	23434	50	4.3E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	3.8E-05
AA-00161	10/16/06	16432	41	6.1E-05	0	0.0E+00	0.0E+00	1.5E-04	0	0.0E+00	0.0E+00	1.5E-04	0	0.0E+00	1.5E-04	1.5E-04	0	0.0E+00	0.0E+00	5.5E-05
AA-00231	10/27/06	27270	54	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	1	1.4E-05	1.5E-06	6.6E-05
AA-00267	11/7/06	26659	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00295	11/17/06	26891	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00383	11/29/06	26212	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00423	12/10/06	26641	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00461	12/19/06	28720	60	3.5E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	8.7E-05	8.7E-05	0	0.0E+00	0.0E+00	2.8E-05
AA-00505	1/1/07	26407	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00547	1/12/07	26299	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00587	1/23/07	27079	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00633	2/3/07	26880	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00708	2/14/07	25203	52	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-00748	2/25/07	26197	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00801	3/8/07	26867	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00866	3/19/07	26162	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00905	3/30/07	26667	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00985	4/10/07	27010	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01027	4/21/07	26537	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01066	5/2/07	26557	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01100	5/13/07	26587	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01141	5/24/07	26436	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01190	6/4/07	26702	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01262	6/15/07	25801	54	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01301	6/25/07	25186	100	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	2.2E-05
AA-01339	7/7/07	25067	85	4.0E-05	2	8.0E-05	1.7E-05	2.6E-04	2	8.0E-05	1.7E-05	2.6E-04	2	8.0E-05	2.6E-04	2.6E-04	0	0.0E+00	0.0E+00	2.9E-05
AA-01434	7/19/07	27146	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01471	7/29/07	27335	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01514	8/9/07	26932	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01587	8/20/07	25240	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.3E-05
AA-01621	8/31/07	27678	68	3.6E-05	2	7.2E-05	1.5E-05	2.3E-04	0	0.0E+00	0.0E+00	9.1E-05	2	7.2E-05	2.3E-04	2.3E-04	0	0.0E+00	0.0E+00	3.3E-05
AA-01670	9/11/07	26991	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-13.
Detailed Results of Ambient Samples Collected at 119 Evans Rd (L13)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00095	10/5/06	24598	52	4.1E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-00165	10/16/06	13743	34	7.3E-05	0	0.0E+00	0.0E+00	1.8E-04	0	0.0E+00	0.0E+00	1.8E-04	0	0.0E+00	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	6.6E-05
AA-00234	10/27/06	21347	45	4.7E-05	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	1.2E-04	1.2E-04	0	0.0E+00	0.0E+00	4.2E-05
AA-00269	11/7/06	26347	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00297	11/17/06	26774	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-00385	11/29/06	26340	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00428	12/10/06	26076	60	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.2E-05
AA-00463	12/19/06	28544	65	3.5E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	8.8E-05	8.8E-05	0	0.0E+00	0.0E+00	2.6E-05
AA-00507	1/1/07	26420	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00549	1/12/07	26098	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00589	1/23/07	27105	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00639	2/3/07	26943	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00720	2/14/07	26650	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00750	2/25/07	26134	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
voided - damaged																				
AA-00869	3/19/07	26604	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00907	3/30/07	26422	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00988	4/10/07	26999	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01030	4/21/07	26477	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01068	5/2/07	26557	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01103	5/13/07	26579	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01144	5/24/07	26507	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01192	6/4/07	26578	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01264	6/15/07	26286	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01303	6/26/07	25760	62	3.9E-05	3	1.2E-04	3.3E-05	3.1E-04	2	7.8E-05	1.6E-05	2.5E-04	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01341	7/7/07	24931	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01436	7/19/07	27142	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01473	7/29/07	27328	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01517	8/9/07	26929	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01573	8/20/07	25196	61	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01623	8/31/07	25292	62	4.0E-05	1	4.0E-05	4.3E-06	1.8E-04	1	4.0E-05	4.3E-06	1.8E-04	0	0.0E+00	9.9E-05	9.9E-05	1	1.4E-05	1.5E-06	6.7E-05
AA-01673	9/11/07	26605	69	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	0.0E+00	9.4E-05	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.6E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-14.
Detailed Results of Ambient Samples Collected at 475 Fish Hatchery Rd (L14)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00089	10/5/06	22740	48	4.4E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	4.0E-05
AA-00178	10/16/06	17360	43	5.8E-05	0	0.0E+00	0.0E+00	1.4E-04	0	0.0E+00	0.0E+00	1.4E-04	0	0.0E+00	1.4E-04	1.4E-04	0	0.0E+00	0.0E+00	5.2E-05
AA-00236	10/27/06	23427	49	4.3E-05	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	0.0E+00	1.1E-04	0	0.0E+00	1.1E-04	1.1E-04	0	0.0E+00	0.0E+00	3.9E-05
AA-00272	11/7/06	26414	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00300	11/17/06	25577	52	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.7E-05
AA-00387	11/29/06	26457	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00430	12/10/06	26050	60	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.2E-05
AA-00466	12/19/06	27509	63	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-00510	1/1/07	25617	54	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00551	1/12/07	26199	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00591	1/23/07	26639	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00642	2/3/07	26721	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00722	2/14/07	27913	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00753	2/25/07	26392	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00805	3/8/07	26340	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00871	3/19/07	26585	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00909	3/30/07	26414	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00990	4/10/07	26992	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01032	4/21/07	26526	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01071	5/2/07	26561	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01107	5/13/07	26433	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01148	5/24/07	26292	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01195	6/4/07	26706	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01266	6/15/07	26293	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01305	6/26/07	25219	61	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	1	1.5E-05	1.6E-06	6.8E-05
AA-01343	7/7/07	24917	67	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01438	7/19/07	27132	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01475	7/29/07	27304	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01519	8/9/07	26921	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01576	8/20/07	25196	61	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01625	8/31/07	25278	62	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01675	9/11/07	26987	70	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01730	9/22/07	25071	60	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
AA-01760	10/1/07	26353	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01559	10/22/07	26342	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01809	11/12/07	26262	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01843	12/3/07	25036	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01860	12/24/07	26191	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-15.
Detailed Results of Ambient Samples Collected at 5002 Highway 37 N (L15)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
not collected																				
not collected																				
not collected																				
AA-01583	8/19/07	25044	60	4.0E-05	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	4.3E-06	1.9E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	3.7E-05
not collected																				
AA-01630	9/4/07	25812	64	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01736	9/20/07	26301	65	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01766	10/1/07	26388	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01549	10/22/07	26364	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01799	11/12/07	26308	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01829	12/3/07	27355	68	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01876	12/24/07	26119	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01849	1/14/08	25775	55	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01895	2/4/08	25270	52	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01903	2/25/08	26279	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01919	3/17/08	26954	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01933	4/7/08	26550	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01951	4/28/08	26865	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01964	5/19/08	26637	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01974	6/9/08	25700	52	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-16.
Detailed Results of Ambient Samples Collected at 4500 Highway 2 W (L16)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-01427	7/18/07	26149	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
not collected																				
AA-01483	8/3/07	27205	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01585	8/19/07	25065	60	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.7E-05
not collected																				
AA-01628	9/4/07	26145	63	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01738	9/20/07	25129	62	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01762	10/1/07	26360	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00738	10/22/07	26386	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01787	11/12/07	26364	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01819	12/3/07	27466	68	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01866	12/24/07	26180	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01847	1/14/08	25833	55	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01889	2/4/08	25680	54	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01901	2/25/08	26290	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01917	3/17/08	26810	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01931	4/7/08	26604	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01945	4/28/08	26888	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01778	5/19/08	26743	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01972	6/9/08	25076	50	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.8E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-17.

Detailed Results of Ambient Samples Collected at Fisher River Bridge Milepost 0.25 (L17)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
not collected																				
not collected																				
AA-01481	8/3/07	27424	55	3.6E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01580	8/19/07	25284	67	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.3E-05
not collected																				
AA-01633	9/4/07	26467	64	3.8E-05	2	7.6E-05	1.6E-05	2.4E-04	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01734	9/20/07	25292	62	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01764	10/1/07	26403	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01551	10/22/07	26368	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01801	11/12/07	26316	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01835	12/3/07	26531	78	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	2.9E-05
AA-01878	12/24/07	26028	55	3.8E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01851	1/14/08	25742	55	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01897	2/4/08	25231	52	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01909	2/25/08	26126	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01921	3/17/08	26882	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01935	4/7/08	26487	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01953	4/28/08	26373	54	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01966	5/19/08	26600	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01976	6/9/08	25683	52	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.6E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-18.
Detailed Results of Ambient Samples Collected at 3501 Haul Rd (L18)

IndexID	Sample Date	Volume Analyzed	GO Counted	Sensitivity (1/cc)	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
					N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-01425	7/18/07	26072	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
not collected																				
AA-01478	8/3/07	27339	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01578	8/19/07	25327	60	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.7E-05
not collected																				
AA-01635	9/4/07	26622	64	3.8E-05	14	5.3E-04	3.0E-04	8.6E-04	12	4.5E-04	2.5E-04	7.6E-04	6	2.3E-04	4.6E-04	4.6E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-01732	9/20/07	26152	64	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01768	10/1/07	26396	55	3.8E-05	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	4.1E-06	1.8E-04	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01553	10/22/07	26371	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01803	11/12/07	26312	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01837	12/3/07	27322	68	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.3E-05
AA-01884	12/24/07	26002	55	3.8E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01853	1/14/08	25701	55	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01899	2/4/08	25263	52	4.0E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01911	2/25/08	26123	55	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01927	3/17/08	26882	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01937	4/7/08	26505	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01955	4/28/08	26854	55	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	4.0E-06	1.7E-04	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.4E-05
AA-01968	5/19/08	26618	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-02002	6/9/08	27129	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-19.
Detailed Results of Ambient Samples Collected at 101 Iowa Flats Rd (R1)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00127	10/5/06	26778	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00203	10/17/06	20260	48	4.9E-05	1	4.9E-05	5.3E-06	2.3E-04	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	1.2E-04	1.2E-04	0	0.0E+00	0.0E+00	4.7E-05
AA-00238	10/27/06	25086	47	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	4.1E-05
AA-00274	11/6/06	26676	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00325	11/15/06	27168	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00367	11/28/06	26999	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00409	12/11/06	27746	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00447	12/20/06	27991	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00491	1/1/07	27202	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00543	1/13/07	26864	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00593	1/23/07	26682	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00644	2/5/07	26789	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00724	2/12/07	27675	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00761	2/23/07	26550	55	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00764	3/6/07	27679	55	3.6E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	0.0E+00	9.1E-05	0	0.0E+00	9.1E-05	9.1E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00767	3/17/07	28323	55	3.5E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00770	3/29/07	28193	55	3.5E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00965	4/9/07	27872	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00733	4/19/07	28130	55	3.6E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00921	4/30/07	26711	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00925	5/11/07	27057	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00929	5/22/07	26172	115	3.8E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	0.0E+00	9.6E-05	0	0.0E+00	9.6E-05	9.6E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00933	6/2/07	27215	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00937	6/13/07	27215	55	3.7E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	0.0E+00	9.2E-05	0	0.0E+00	9.2E-05	9.2E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00941	6/24/07	25813	62	3.9E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	0.0E+00	9.7E-05	0	0.0E+00	9.7E-05	9.7E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-00945	7/5/07	27151	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00949	7/16/07	26617	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00953	7/27/07	26617	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01201	8/7/07	26587	55	3.8E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01205	8/18/07	26864	55	3.7E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	0.0E+00	9.4E-05	0	0.0E+00	9.4E-05	9.4E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01207	8/29/07	25400	63	3.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	0.0E+00	9.9E-05	0	0.0E+00	9.9E-05	9.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-01211	9/9/07	28366	70	3.5E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.2E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Table A-20.
Detailed Results of Ambient Samples Collected at 1735 Missoula Ave (R2)

	Sample	Volume	GO	Sensitivity	Total LA				LA (Na,K-Containing)				PCME LA				Chrysotile			
IndexID	Date	Analyzed	Counted	(1/cc)	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB	N Struct	Conc (s/cc)	LB	UB
AA-00100	10/8/06	21223	41	4.7E-05	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	0.0E+00	1.2E-04	0	0.0E+00	1.2E-04	1.2E-04	0	0.0E+00	0.0E+00	4.7E-05
AA-00101/AA-00102	10/22/06	25577	76.5	3.9E-05	6	2.1E-04			1	2.0E-05			2	5.9E-05			1	5.8E-06		
AA-00104	11/5/06	28008	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	1	1.4E-05	1.5E-06	6.4E-05
AA-00004	11/17/06	28125	55	3.6E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00008	12/3/06	28921	55	3.5E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	8.7E-05	8.7E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00012	12/17/06	25562	90	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.8E-05
AA-00016	12/31/06	28093	55	3.6E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00020	1/14/07	32099	55	3.1E-05	0	0.0E+00	0.0E+00	7.8E-05	0	0.0E+00	0.0E+00	7.8E-05	0	0.0E+00	7.8E-05	7.8E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00024	1/28/07	29304	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00028	2/11/07	29421	55	3.4E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	8.5E-05	8.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00032	2/25/07	29397	55	3.4E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	8.5E-05	8.5E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00036	3/11/07	29332	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00040	3/25/07	29324	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00044	4/8/07	29291	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00048	4/22/07	29077	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.5E-05
AA-00052	5/6/07	29068	55	3.4E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	0.0E+00	8.6E-05	0	0.0E+00	8.6E-05	8.6E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00056	5/20/07	13443	55	7.4E-05	0	0.0E+00	0.0E+00	1.9E-04	0	0.0E+00	0.0E+00	1.9E-04	0	0.0E+00	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	7.5E-05
AA-00060	6/3/07	26378	50	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.8E-05
AA-00304	6/18/07	29432	55	3.4E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	0.0E+00	8.5E-05	0	0.0E+00	8.5E-05	8.5E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00308	7/1/07	26341	59	3.8E-05	4	1.5E-04	5.1E-05	3.6E-04	0	0.0E+00	0.0E+00	9.5E-05	2	7.6E-05	2.4E-04	2.4E-04	1	1.5E-05	1.6E-06	7.1E-05
AA-00312	7/15/07	28643	55	3.5E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	8.8E-05	8.8E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00316	7/29/07	25153	100	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.9E-05
AA-00320	8/12/07	25666	184	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.8E-05
AA-01364	8/26/07	25142	57	4.0E-05	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	0.0E+00	1.0E-04	0	0.0E+00	1.0E-04	1.0E-04	0	0.0E+00	0.0E+00	3.9E-05
AA-01367	9/9/07	25176	84	4.0E-05	3	1.2E-04	3.4E-05	3.2E-04	0	0.0E+00	0.0E+00	1.0E-04	1	4.0E-05	1.9E-04	1.9E-04	0	0.0E+00	0.0E+00	2.9E-05
AA-01372	9/23/07	28659	55	3.5E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	8.8E-05	8.8E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01376	10/7/07	28782	55	3.5E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	8.7E-05	8.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01379	10/22/07	19872	100	5.0E-05	0	0.0E+00	0.0E+00	1.3E-04	0	0.0E+00	0.0E+00	1.3E-04	0	0.0E+00	1.3E-04	1.3E-04	0	0.0E+00	0.0E+00	3.5E-05
AA-01384	11/12/07	28121	55	3.6E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	0.0E+00	8.9E-05	0	0.0E+00	8.9E-05	8.9E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01388	12/3/07	26834	62	3.7E-05	1	3.7E-05	4.0E-06	1.7E-04	0	0.0E+00	0.0E+00	9.4E-05	1	3.7E-05	1.7E-04	1.7E-04	0	0.0E+00	0.0E+00	3.6E-05
AA-01392	12/24/07	26455	52	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	3.6E-05
AA-01396	1/14/08	28723	55	3.5E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	0.0E+00	8.7E-05	0	0.0E+00	8.7E-05	8.7E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01400	2/4/08	25586	50	3.9E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	0.0E+00	9.8E-05	0	0.0E+00	9.8E-05	9.8E-05	0	0.0E+00	0.0E+00	3.8E-05
AA-01683	2/25/08	28035	55	3.6E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	0.0E+00	9.0E-05	0	0.0E+00	9.0E-05	9.0E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01687	3/17/08	28385	55	3.5E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	0.0E+00	8.8E-05	0	0.0E+00	8.8E-05	8.8E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01691	4/7/08	26981	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01695	4/28/08	26921	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-01698	5/19/08	26340	70	3.8E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	0.0E+00	9.5E-05	0	0.0E+00	9.5E-05	9.5E-05	0	0.0E+00	0.0E+00	2.7E-05
AA-01983	6/9/08	27029	55	3.7E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	0.0E+00	9.3E-05	0	0.0E+00	9.3E-05	9.3E-05	0	0.0E+00	0.0E+00	3.4E-05
AA-00101	10/22/06	25155	89	4.0E-05	5	2.0E-04	7.6E-05	4.4E-04	1	4.0E-05	4.3E-06	1.9E-04	2	8.0E-05	2.6E-04	2.6E-04	1	1.2E-05	1.2E-06	5.4E-05
AA-00102	10/22/06	26000	64	3.8E-05	6	2.3E-04	9.6E-05	4.8E-04	0	0.0E+00	0.0E+00	9.7E-05	1	3.8E-05	1.8E-04	1.8E-04	0	0.0E+00	0.0E+00	3.8E-05

Cells have been highlighted to indicate the following:

green: low volume sample was analyzed because the high volume sample was damaged.

grey: it was assumed that the LA structures were Na,K because the sample was analyzed by EMSL.

tan: the average of the high and low volume samples has been reported.

yellow: results were not in the database at the time of the download, the EDD was provided and summarized.

Appendix B

Lot Blank and Field Blank Results

B-1 Lot Blank Structure Counts
B-2 Field Blank Structure Counts

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Appendix B-1. Lot Blank Structure Counts

IndexID	Sample Date	Structure Count		
		LA	OA	C
AA-00201	10/13/06	0	0	0
AA-00202	10/13/06	0	0	0
AA-00341	11/15/06	0	0	0
AA-00342	11/15/06	0	0	0
AA-00343	11/15/06	0	0	0
AA-00344	11/15/06	0	0	0
AA-00345	11/15/06	0	0	0
AA-00346	11/15/06	0	0	0
AA-00347	11/15/06	0	0	0
AA-00348	11/15/06	0	0	0
AA-00349	11/15/06	0	0	0
AA-00350	11/15/06	0	0	0
AA-00596	01/22/07	0	0	0
AA-00597	01/22/07	0	0	0
AA-00598	01/22/07	0	0	0
AA-00599	01/22/07	0	0	0
AA-00600	01/22/07	0	0	0
AA-00601	01/22/07	0	0	0
AA-00602	01/22/07	0	0	0
AA-00603	01/22/07	0	0	0
AA-00604	01/22/07	0	0	0
AA-00605	01/22/07	0	0	0
AA-00841	03/08/07	0	0	0
AA-00842	03/08/07	0	0	0
AA-00843	03/08/07	0	0	0
AA-00844	03/08/07	0	0	0
AA-00845	03/08/07	0	0	0
AA-00846	03/08/07	0	0	0
AA-00847	03/08/07	0	0	0
AA-00848	03/08/07	0	0	0
AA-00849	03/08/07	0	0	0
AA-00850	03/08/07	0	0	0
AA-00851	03/08/07	0	0	0
AA-00852	03/08/07	0	0	0
AA-00853	03/08/07	0	0	0
AA-00854	03/08/07	0	0	0
AA-00855	03/08/07	0	0	0
AA-00856	03/08/07	0	0	0
AA-00857	03/08/07	0	0	0
AA-00858	03/08/07	0	0	0
AA-00859	03/08/07	0	0	0
AA-00860	03/08/07	0	0	0

Values shown are based on data available in Libby2 as of 9-30-08.

Appendix B-2. Field Blank Structure Counts

IndexID	Sample Date	Structure Count		
		LA	OA	C
AA-00001	11/10/06	0	0	0
AA-00005	11/22/06	0	0	0
AA-00013	12/22/06	0	0	0
AA-00017	01/05/07	0	0	0
AA-00021	01/14/07	0	0	0
AA-00025	02/02/07	0	0	0
AA-00029	02/16/07	0	0	0
AA-00033	03/02/07	0	0	0
AA-00037	03/16/07	0	0	0
AA-00041	03/30/07	0	0	0
AA-00045	04/13/07	0	0	0
AA-00049	04/27/07	0	0	0
AA-00053	05/06/07	0	0	0
AA-00057	05/25/07	0	0	0
AA-00113	10/05/06	0	0	0
AA-00149	10/14/06	0	0	0
AA-00150	10/14/06	0	0	0
AA-00224	10/26/06	0	0	0
AA-00233	10/27/06	0	0	0
AA-00254	11/05/06	0	0	0
AA-00301	06/08/07	0	0	0
AA-00305	06/22/07	0	0	0
AA-00309	07/03/07	0	0	0
AA-00313	07/18/07	0	0	0
AA-00317	07/31/07	0	0	0
AA-00327	11/18/06	0	0	0
AA-00340	11/18/06	0	0	0
AA-00356	12/02/06	0	0	0
AA-00400	12/08/06	0	0	0
AA-00411	12/11/06	0	0	0
AA-00416	12/09/06	0	0	0
AA-00439	12/18/06	0	0	0
AA-00488	12/30/06	0	0	0
AA-00509	01/01/07	0	0	0
AA-00546	01/11/07	0	0	0
AA-00553	01/12/07	0	0	0
AA-00586	01/28/07	0	0	0
AA-00612	02/01/07	0	0	0
AA-00653	02/01/07	0	0	0
AA-00696	02/23/07	0	0	0
AA-00718	02/14/07	0	0	0
AA-00719	02/14/07	0	0	0
AA-00735	04/19/07	0	0	0
AA-00745	02/24/07	0	0	0
AA-00752	02/25/07	0	0	0
AA-00763	02/26/07	0	0	0
AA-00766	03/09/07	0	0	0
AA-00769	03/17/07	0	0	0
AA-00772	03/29/07	0	0	0
AA-00781	03/06/07	0	0	0
AA-00800	03/07/07	0	0	0
AA-00828	03/17/07	0	0	0
AA-00865	03/18/07	0	0	0
AA-00868	03/19/07	0	0	0
AA-00889	03/28/07	0	0	0
AA-00894	03/29/07	0	0	0
AA-00911	03/30/07	0	0	0
AA-00923	04/30/07	0	0	0
AA-00927	05/11/07	0	0	0
AA-00931	05/22/07	0	0	0
AA-00935	06/02/07	0	0	0
AA-00939	06/13/07	0	0	0
AA-00943	06/24/07	0	0	0
AA-00947	07/05/07	0	0	0
AA-00951	07/16/07	0	0	0
AA-00955	07/27/07	0	0	0
AA-00959	08/08/07	0	0	0
AA-00967	04/09/07	0	0	0
AA-00987	04/10/07	0	0	0
AA-00994	04/08/07	0	0	0
AA-01013	04/19/07	0	0	0
AA-01026	04/20/07	0	0	0

Appendix B-2. Field Blank Structure Counts

IndexID	Sample Date	Structure Count		
		LA	OA	C
AA-01044	04/30/07	0	0	0
AA-01057	05/01/07	0	0	0
AA-01057	05/01/07	0	0	0
AA-01070	05/02/07	0	0	0
AA-01091	05/12/07	0	0	0
AA-01101	05/11/07	0	0	0
AA-01109	05/13/07	0	0	0
AA-01134	05/23/07	0	0	0
AA-01143	05/24/07	0	0	0
AA-01162	06/07/07	0	0	0
AA-01165	06/02/07	0	0	0
AA-01185	06/03/07	0	0	0
AA-01194	06/04/07	0	0	0
AA-01203	08/18/07	0	0	0
AA-01209	08/29/07	0	0	0
AA-01213	09/09/07	0	0	0
AA-01217	09/20/07	0	0	0
AA-01239	06/13/07	0	0	0
AA-01248	06/13/07	0	0	0
AA-01259	06/14/07	0	0	0
AA-01268	06/15/07	0	0	0
AA-01289	06/24/07	0	0	0
AA-01326	07/05/07	0	0	0
AA-01357	07/16/07	0	0	0
AA-01361	08/17/07	0	0	0
AA-01365	08/29/07	0	0	0
AA-01369	09/12/07	0	0	0
AA-01373	09/26/07	0	0	0
AA-01377	10/11/07	0	0	0
AA-01381	10/26/07	0	0	0
AA-01385	11/12/07	0	0	0
AA-01389	12/03/07	0	0	0
AA-01393	12/24/07	0	0	0
AA-01397	01/16/08	0	0	0
AA-01477	07/29/07	0	0	0
AA-01480	08/03/07	0	0	0
AA-01513	08/08/07	0	0	0
AA-01537	08/18/07	0	0	0
AA-01546	10/22/07	0	0	0
AA-01564	08/19/07	0	0	0
AA-01575	08/20/07	0	0	0
AA-01609	08/29/07	0	0	0
AA-01627	08/31/07	0	0	0
AA-01632	09/04/07	0	0	0
AA-01644	09/09/07	0	0	0
AA-01680	02/04/08	0	0	0
AA-01681	02/04/08	0	0	0
AA-01684	02/25/08	0	0	0
AA-01688	03/17/08	0	0	0
AA-01692	04/07/08	0	0	0
AA-01696	04/28/08	0	0	0
AA-01716	09/21/07	0	0	0
AA-01751	10/01/07	0	0	0
AA-01797	11/12/07	0	0	0
AA-01833	12/03/07	0	0	0
AA-01857	01/14/08	0	0	0
AA-01882	12/24/07	0	0	0
AA-01893	02/04/08	0	0	0
AA-01907	02/25/08	0	0	0
AA-01925	03/17/08	0	0	0
AA-01941	04/07/08	0	0	0
AA-01949	04/28/08	0	0	0
AA-01962	05/19/08	0	0	0
AA-01980	05/23/08	0	0	0
AA-01984	06/09/08	0	0	0
AA-02000	06/09/08	0	0	0

Values shown are based on data available in Libby2 as of 9-30-08.

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Appendix C

Guidelines for Calculation of the Mean Concentration of Libby Amphibole in Air Samples at the Libby Superfund Site

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APPENDIX C

GUIDELINES FOR CALCULATION OF THE MEAN CONCENTRATION OF LIBBY AMPHIBOLE IN AIR SAMPLES AT THE LIBBY SUPERFUND SITE

1.0 INTRODUCTION

The USEPA has derived standard methods for utilizing measurements of environmental contaminants in order to estimate exposure and risk to human receptors (USEPA 1989, 1992, 2002, 2004). However, this existing guidance was developed mainly for use with chemical contaminants that are measured using traditional "wet chemistry" methods. At the Libby Superfund Site, the contaminant of chief concern is a form of asbestos referred to as Libby Amphibole (LA), and asbestos is measured using microscopic rather than chemical techniques. Because of this, there are several aspects of the procedure for computing exposure point concentrations of LA values that differ from the approaches used for other chemicals.

This document reviews the method that is needed to compute the mean concentration of LA in a set of air samples collected at the Libby Superfund site.

2.0 BASIC EQUATIONS

When samples of air are analyzed for asbestos using microscopic techniques such as transmission electron microscopy (TEM), the results are expressed in terms of the number of asbestos structures observed (N) divided by the volume of air (cc) that passed through the area of filter examined:

$$C(air)\ (s/cc) = N / \text{Volume of air (cc)}$$

For convenience, analytical sensitivity (S) is defined the inverse of volume or area examined:

$$S(air) = 1 / \text{Volume of air (cc)}$$

Thus, concentration in air is usually calculated as:

$$C = N \cdot S$$

Note that sensitivity is a function only of the amount of sample examined, not of the amount of asbestos in the sample:

$$S(air)\,(cc)^{-1} = \frac{EFA}{GO \cdot Ago \cdot V}$$

where:

EFA	=	Effective filter area (mm^2)
GO	=	Number of TEM grid openings examined
Ago	=	Area of each TEM grid opening (mm^2)
V	=	Volume of air passed through the filter (cc)
Area	=	Area of surface vacuumed onto the filter (cm^2)

In principle, the sensitivity for any sample of air can be reduced to any value desired simply by examining more of the sample (i.e., by counting more grid openings), and there is no inherent limit imposed by the instrument.

3.0 COMPUTING THE MEAN OF MULTIPLE SAMPLES

Computation of the mean of a set of samples is normally straightforward:

$$Mean = \frac{\sum_{i=1}^{n} C_i}{n}$$

However, the process becomes somewhat more complex when the data set includes one or more samples that are ranked as "non-detect". For analytes other than asbestos, EPA suggests that non-detects (i.e., samples whose concentration is below the detection limit of the analytical instrument) be evaluated by assigning a surrogate value of ½ the detection limit (USEPA 1989). By analogy, it is sometimes supposed that "non-detects" for asbestos (i.e., zero countable fibers were observed in the sample) should be evaluated by assigning a value equal to ½ the sensitivity. However, this is not correct. The analytical sensitivity in microscopic analyses is not analogous to a detection limit in a wet chemistry analysis, and use of ½ the sensitivity as a surrogate for asbestos non-detects may lead to a substantial overestimate of the true mean of a group of samples.

This is demonstrated in Figure C-1. As seen, in cases where the analytical sensitivity is larger than the true concentration, if an asbestos non-detect is assigned a value equal to ½ the analytical sensitivity, the estimate of the mean will be biased high, with the magnitude of the error tending to increase as the ratio of sensitivity to true concentration increases. In cases where the analytical sensitivity is less than about ½ the true concentration, the magnitude of the error introduced by assigning ½ the sensitivity to non-detects becomes negligible.

There are two reasons why a non-detect in microscopy is not analogous to a non-detect in a traditional wet chemistry analysis, and should not be evaluated by assigning a value of ½ the sensitivity:

- A non-detect by a non-microscopic technique indicates that the amount of analyte present in the fraction of the sample placed into the analytical instrument was less than the detection limit, while a non-detect by a microscopic technique indicates that the amount of asbestos present in the fraction of the sample evaluated under the microscope was truly zero. Note that this statement is not inconsistent with the recognition that the observation of zero structures in some particular set of grid openings examined does not prove that there are zero structures in other grid opening that were not examined.

- The results of a wet chemistry method yield continuous values, while results of a microscopic result yield discrete (discontinuous) values. That is, the concentration value reported in a microscopic analysis can only occur in multiples of the analytical sensitivity S (e.g., 0S, 1S, 2S, etc.). This means that when the true concentration of a sample is lower than the sensitivity, any and all detects will yield concentrations that are higher than the true value, rather than a reliable estimate of the true value. For example, consider the case where the true concentration is 0.001 s/cc, and the sensitivity is 0.010 s/cc. If this sample were analyzed 10 times, the expected result would be that about 9 of the 10 analyses would yield a count of zero, and one of the samples would yield a count of 1, which would correspond to a concentration estimate of 0.010 s/cc (10-times the truth). Only when the occasional high values are averaged with the "non-detects" does the estimate of the mean approach the true value.

This topic (the correct statistical approach for evaluating non-detect values from discontinuous count-based measurement methods) has been reviewed by EPA previously as part of the rulemaking process for microbial contamination in drinking water (USEPA 1999). (Note: measurement of pathogens in water is closely analogous to measurement of asbestos structures in air, in that the analysis is based on visual observation and yields discrete rather than continuous results). During a public workshop held on this topic in 1998, a number of statistical experts provided information on the correct methods for computing the concentration of *Cryptosporidium* in source waters of drinking water supplies, given that some (most) of the individual samples were "non-detect" (i.e., no spores of *Cryptosporidium* were observed in the sample analyzed). The expert panel emphasized that "non-detects" for *Crytosporidium* that occur in a set of water samples from a water system must be evaluated with a value of zero when computing summary statistics on the mean level of organisms present in the water.

4.0 REFERENCES

USEPA. 1989. Risk Assessment Guidance for Superfund. Volume I. Human Health Evaluation Manual (Part A). U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. EPA/540/1-89/002.

USEPA. 1992. Supplemental Guidance to RAGS: Calculating the Concentration Term. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. Publication 9285.7-081.

USEPA. 1999. M/DBP Stakeholder Meeting Statistics Workshop Meeting Summary: November 19, 1998, Governor's House, Washington DC. Final. Report prepared for U.S. Environmental Protection Agency, Office of Ground Water and Drinking Water by RESOLVE, Washington, DC, and SAIC, McLean, VA, EPA Contract No. 68-C6-0059.

USEPA. 2002. Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. OSWER 9285.6-10. December.

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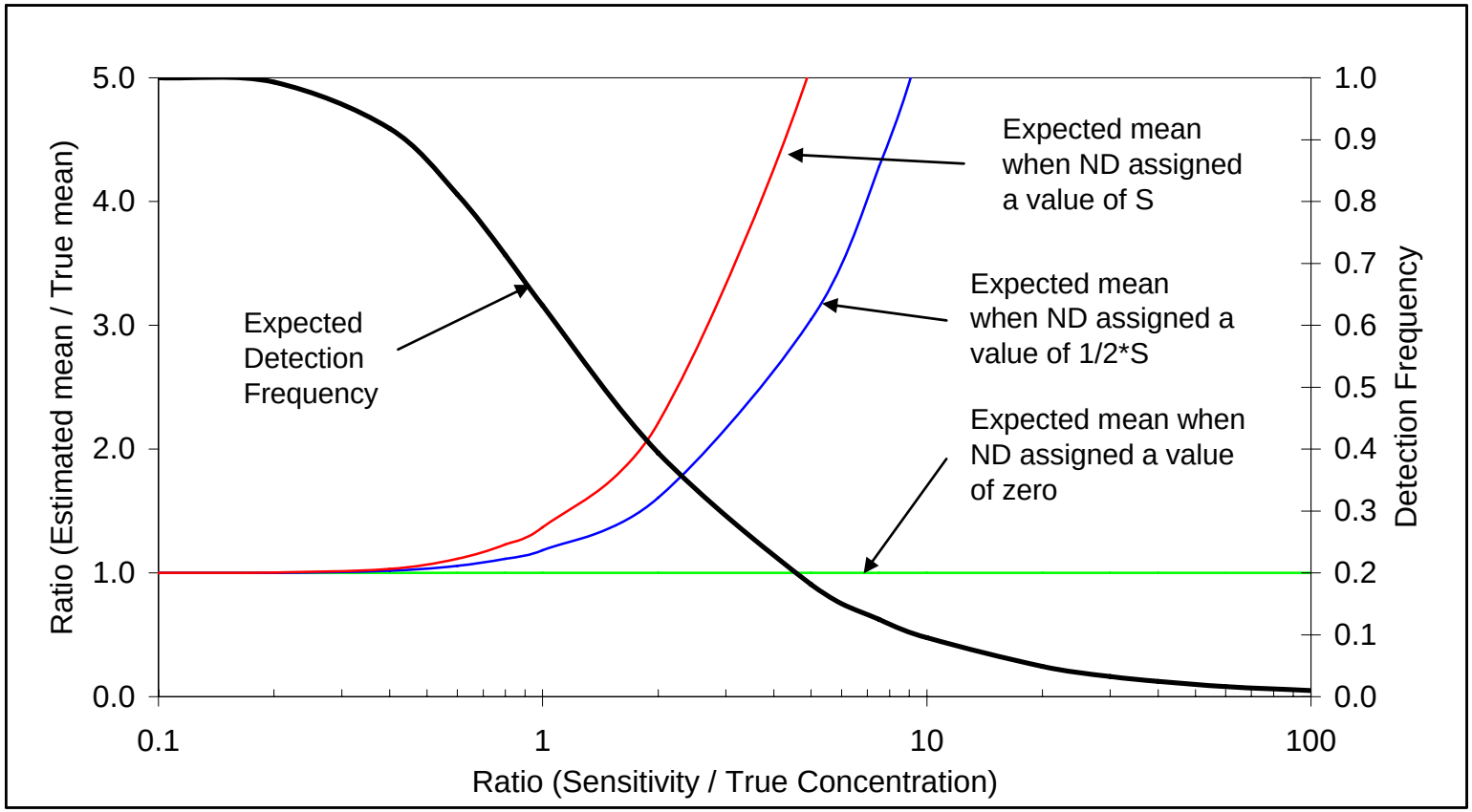
FIGURE C-1
EFFECT OF ALTERNATIVE SURROGATE VALUES FOR NON-DETECTS ON THE EXPECTED SAMPLE MEAN FOR ASBESTOS