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Lower Mainland Region

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ENVIRONMENTAL QUALITY

Brackendale Elementary

Location: 24000 Government Street
Brackendale BC
Latitude 49 46 14.85
Longitude 123 09 07.07

Sampling Information: Parameters Sampled: PM_{2.5} and PM₁₀
Sampler: Rupprecht & Patashnick Dichotomous Partisol Plus
Model 2025 Sequential Air Sampler

Sampling Frequency: every 6 days
Station Start: February 25, 2002
Station End: December 2004

Other Information:

2002

PM_{2.5} and PM₁₀

Month	Date	µg/m ³ (24 hr avg)		Month	Date	µg/m ³ (24 hr avg)	
		PM _{2.5}	PM ₁₀			PM _{2.5}	PM ₁₀
January	02			July	01	8	9
	08				07	<4	8
	14				13	9	15
	20				19	<4	9
	26				25	<4	13
			31		13	17	
February	01			August	06	18	19
	07				12	21	26
	13				18	6	10
	19				24	14	28

	25	<4	<4		30	15	27
March	03	no sample	no sample	September	05	<4	<4
	09	9	11		11	<4	11
	15	<4	5		17	<4	7
	21	<4	6		23	7	8
	27	<4	4		29	<4	7
April	02	5	7	October	05	7	11
	08	4	4		11	5	11
	14	7	7		17	<4	19
	20	no sample	no sample		23	4	18
	26	no sample	no sample		29	13	15
May	02	no sample	no sample	November	04	7	9
	08	8	13		10	7	13
	14	<4	4		16	12	15
	20	10	13		22	10	15
	26	10	4		28	13	13
June	01	6	13	December	04	<4	10
	07	5	8		10	9	11
	13	8	18		16	8	9
	19	4	8		22	5	6
	25	6	14		28	8	8

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2003

PM_{2.5} and PM₁₀

Month	Date	µg/m ³ (24 hr avg)		Month	Date	µg/m ³ (24 hr avg)	
		PM _{2.5}	PM ₁₀			PM _{2.5}	PM ₁₀
January	03	<4	5	July	02	4.9	11.9
	09	no sample			08	2.6	11.1
	15	no sample			14	9.1	10.3
	21	no sample			20	11.7	18.2
	27	no sample			26	11.4	26.3
	02	12	12		01	12.5	25.4
	08	6	8		07	17.0	26.4
	14	14	14		13	4.5	13.6

February	20	<4	6	August	19	2.8	4.3
	26	6	9		25	7.1	9.3
					31	16.2	28.6
March	04	9	11	September	06	2.0	12.6
	10	5	10		12	7.1	12.9
	16	<4	8		18	2.6	6.8
	22	<4	<4		24	19.4	26.4
	28	7	7		30	11.4	22.4
April	03	<4	7	October	06	9.7	13.5
	09	<4	5		12	3.9	9.2
	15	<4	6		18	6.3	11.1
	21	4	7		24	2.5	5.8
	27	<4	<4		30	6.2	7.8
May	03	4.5	5.3	November	05	12.0	17.5
	09	3.1	4.4		11	3.4	3.5
	15	9.7	11.8		17	2.2	8.1
	21	4.2	8.6		23	3.5	7.1
	27	2.2	5.0		30	8.2	8.2
June	02	8.3	13.9	December	05	4.3	6.4
	08	12.8	13.1		11	3.2	3.5
	14	4.9	10.4		17	2.0	3.1
	20	9.9	20.8		23	no sample	no sample
	26	<2	2.8		29	no sample	no sample

Updated: October 2005

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