

Hollinger Public Blast Report

Blast Pattern: 3388_035
Date: December 11, 2014
Blast Time: 11:41
Blast Sign Activation: 07:30
Website Notification Time: 07:35

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 0% (Clear)
 Wind Speed: 2 km/hr
 Wind Direction: NE
 Temperature: -12.3°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	54.7 L _{Aeq}	99.8 dB
Edwards:	46.1 L _{Aeq}	92.2 dB
Fred:	45.7 L _{Aeq}	95.3 dB
Hollinger Office:	54.3 L _{Aeq}	105.8 dB
Noah:	57.6 L _{Aeq}	102.8 dB
Sandy:	62.7 L _{Aeq}	116.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.2 L _{Aeq}	115.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.7	10.0	10.5
Edwards:	5.1	23.1	22.8	136.9
Hollinger Office:	1.4	1.6	8.1	9.2
Hollinger Park:	1.3	1.5	8.6	10.5
Sandy:	5.3	23.1	17.1	77.0

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.4	2.1
Edwards:	7.8	11.6
Hollinger Office:	18.4	30.9
Hollinger Park:	11.9	15.6
Sandy:	20.2	45.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.3	0.2
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	3.6	3.1	3.1
Sandy:	6.2	8.8	6.0
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.5	0.7	0.9