

Hollinger Public Blast Report

Blast Pattern: 3370_005
Date: January 15, 2014
Blast Time: 11:35
Blast Sign Activation: 08:00
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 430 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% Overcast (Snow)
 Wind Speed: 13 km/hr
 Wind Direction: SW
 Temperature: -5.2 °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:	51.9 L _{Aeq}	98.2 dB
Edwards:	54.6 L _{Aeq}	101.2 dB
Fred:	46.9 L _{Aeq}	109.7 dB
Hollinger Office:	75.1 L _{Aeq}	112.3 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	57.6 L _{Aeq}	102.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	54.6 L _{Aeq}	111.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.3	21.6	21.2	23.5
Edwards:	9.6	11.3	22.6	27.5
Hollinger Office:	10.3	11.8	24.0	31.9
Hollinger Park:	9.9	11.2	28.5	40.4
Sandy:	10.4	12.5	23.2	28.0

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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:	0.9	1.1
Edwards:	7.2	18.8
Hollinger Office:	3.6	4.2
Hollinger Park:	4.7	9.8
Sandy:	7.8	9.2

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 Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.3	0.3
Noah:			
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	1.7	0.9	1.3
Water Tower:	Off		
Wilson:	0.7	0.7	0.6