

Hollinger Public Blast Report

Blast Pattern: 3394_053
Date: Nov 13, 2014
Blast Time: 1147
Blast Sign Activation: 0730
Website Notification Time: 0730

Blast Conditions

Ceiling Height: 310 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 4.5 km/hr
 Wind Direction: W
 Temperature: -3.9 °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:	57.0 L _{Aeq}	103.5 dB
Edwards:	51.4 L _{Aeq}	94.3 dB
Fred:	45.1 L _{Aeq}	98.5 dB
Hollinger Office:	63.8 L _{Aeq}	105.1 dB
Noah:	58.9 L _{Aeq}	101.0 dB
Sandy:	61.2 L _{Aeq}	104.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	47.4 L _{Aeq}	101.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	5.8	9.4	10.4
Edwards:	12.0	16.8	6.9	9.9
Hollinger Office:	14.9	18.4	7.5	9.7
Hollinger Park:	16.0	21.9	8.3	12.1
Sandy:	5.4	9.7	2.8	5.6

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.3	1.7
Edwards:	10.5	13.7
Hollinger Office:	14.4	28.3
Hollinger Park:	11.4	17.5
Sandy:	7.4	12.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards Temp:	0.0	0.1	0.0
Hollinger Office:	0.0	0.1	0.1
Hollinger West:	0.0	0.0	0.1
Imerys:	0.3	0.3	0.2
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.5	0.4	0.6
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.1	0.2	0.2