

Hollinger Public Blast Report

Blast Pattern: 3394_048B
Date: Nov 15, 2014
Blast Time: 1134
Blast Sign Activation: 0800
Website Notification Time: 1030

Blast Conditions

Ceiling Height: 1050 m
 Boundary Layer Height: 110 m
 Cloud Cover: 75% (Cloudy)
 Wind Speed: 8 km/hr
 Wind Direction: SW
 Temperature: -4.5 °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:	52.4 L _{Aeq}	101.4 dB
Edwards:	48.8 L _{Aeq}	91.9 dB
Fred:	44.3 L _{Aeq}	98.0 dB
Hollinger Office:	54.5 L _{Aeq}	103.8 dB
Noah:	58.8 L _{Aeq}	105.3 dB
Sandy:	63.3 L _{Aeq}	107.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	49.6 L _{Aeq}	108.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	5.2	9.7	10.8
Edwards:	2.2	3.7	3.7	5.2
Hollinger Office:	2.2	2.4	5.3	6.8
Hollinger Park:	1.3	1.4	5.7	6.6
Sandy:	0.8	1.0	2.6	3.2

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:	0.3	0.7
Edwards:	3.4	5.5
Hollinger Office:	13.0	18.1
Hollinger Park:	1.7	2.3
Sandy:	0.9	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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