

Hollinger Public Blast Report

Blast Pattern: 3394_037a
Date: Sept 8, 2014
Blast Time: 15:33
Blast Sign Activation: 08:00
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 12 km/hr
 Wind Direction: SW
 Temperature: 22.9 °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**

	LA_{eq}	L_{Peak}
Comfort Inn:	56.0 L _{Aeq}	97.6 dB
Edwards:	59.1 L _{Aeq}	111.4 dB
Fred:	51.7 L _{Aeq}	109.6 dB
Hollinger Office:	65.2 L _{Aeq}	109.5 dB
Noah:	62.3 L _{Aeq}	112.4 dB
Sandy:	70.6 L _{Aeq}	103.1dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	56.2 L _{Aeq}	112.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.1	14.0	19.7	32.6
Edwards:	19.2	22.0	20.8	25.9
Hollinger Office:	34.5	57.0	32.5	59.3
Hollinger Park:	9.9	14.3	37.5	48.6
Sandy:	10.4	17.5	33.1	51.0

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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:	1.2	3.2
Edwards:	1.4	3.9
Hollinger Office:	0.8	1.2
Hollinger Park:	1.2	2.1
Sandy:	0.5	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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