

Hollinger Public Blast Report

Blast Pattern: 3364_013
Date: Sept 13, 2014
Blast Time: 15:51
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 380 m
 Boundary Layer Height: 180 m
 Cloud Cover: 50% (Partially Cloudy)
 Wind Speed: 5 km/hr
 Wind Direction: NW
 Temperature: 7.3 °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:	56.5 L _{Aeq}	96.2 dB
Edwards:	49.9 L _{Aeq}	92.2 dB
Fred:	47.0 L _{Aeq}	85.2 dB
Hollinger Office:	81.5 L _{Aeq}	105.2 dB
Noah:	60.0 L _{Aeq}	105.2 dB
Sandy:	58.6 L _{Aeq}	104.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.6 L _{Aeq}	107.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.7	3.8	7.9	8.3
Edwards:	2.9	3.5	6.0	6.7
Hollinger Office:	2.5	2.9	6.2	7.0
Hollinger Park:	9.0	17.9	25.4	43.9
Sandy:	3.9	5.3	5.1	10.0

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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:	0.3	0.4
Edwards:	0.7	0.9
Hollinger Office:	6.9	16.4
Hollinger Park:	2.3	4.8
Sandy:	7.9	30.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	1.4	0.7	1.4
Imerys:	2.2	1.1	1.8
Noah:	1.0	1.0	1.1
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	1.0	0.7	1.4
Water Tower:	Off (Due to construction work and painting)		
Wilson:	2.1	1.9	1.8