

Hollinger Public Blast Report

Blast Pattern: 3394_041
Date: December 6, 2014
Blast Time: 11:31
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: none
 Boundary Layer Height: 650 m
 Cloud Cover: 25% (Scattered Clouds)
 Wind Speed: 10 km/hr
 Wind Direction: NW
 Temperature: -9.9°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:	55.5 L _{Aeq}	112.1 dB
Edwards:	49.0 L _{Aeq}	92.2 dB
Fred:	46.7 L _{Aeq}	106.9 dB
Hollinger Office:	70.2 L _{Aeq}	110.8 dB
Noah:	60.8 L _{Aeq}	108.0 dB
Sandy:	52.0 L _{Aeq}	97.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	46.7 L _{Aeq}	107.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.2	14.1	14.6
Edwards:	3.1	3.3	9.7	10.6
Hollinger Office:	4.2	4.8	9.6	10.1
Hollinger Park:	5.7	6.2	10.8	11.8
Sandy:	3.6	3.9	10.1	12.0

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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:	0.7	1.0
Edwards:	1.9	2.1
Hollinger Office:	4.9	10.0
Hollinger Park:	5.9	12.7
Sandy:	2.1	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.3
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	1.2	0.5	1.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.5	0.4	0.5