

Hollinger Public Blast Report

Blast Pattern: 3376_005B
Date: February 24, 2015
Blast Time: 13:35
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 650 m
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 16 km/hr
 Wind Direction: S
 Temperature: -9.1 °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: Extencicare**

	LA_{eq}	L_{Peak}
Comfort Inn:	49.9 L _{Aeq}	106.5 dB
Edwards:	46.1 L _{Aeq}	94.2 dB
Fred:	44.3 L _{Aeq}	107.9 dB
Hollinger Office:	55.5 L _{Aeq}	116.3 dB
Noah:	56.1 L _{Aeq}	111.3 dB
Sandy:	52.5 L _{Aeq}	95.7 dB
Water Tower:	50.2 L _{Aeq}	108.1 dB
Wilson:	57.3 L _{Aeq}	109.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.7	16.9	22.3	23.2
Edwards:	12.1	13.9	19.2	20.5
Hollinger Office:	15.1	16.2	22.9	36.1
Hollinger Park:	9.9	10.9	26.6	28.8
Sandy:	8.5	10.9	22.4	32.9

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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:	0.9	1.1
Edwards:	2.5	3.0
Hollinger Office:	5.9	7.4
Hollinger Park:	3.7	4.9
Sandy:	3.1	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.5
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.4	0.3	0.5
Water Tower:	0.3	0.2	0.3
Wilson:	0.3	0.3	0.3