

Hollinger Public Blast Report

Blast Pattern: 3388_043/054
Date: February 21, 2015
Blast Time: 11:34
Blast Sign Activation: 09:00
Website Notification Time: 09:00

Blast Conditions

Ceiling Height: 2420 m
 Boundary Layer Height: 2600 m
 Cloud Cover: 50% Partially cloudy
 Wind Speed: 7 km/hr
 Wind Direction: SW
 Temperature: -10.9 °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: Extencicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	52.8 L _{Aeq}	104.2 dB
Edwards:	47.4 L _{Aeq}	86.6 dB
Fred:	43.0 L _{Aeq}	93.6 dB
Hollinger Office:	56.7 L _{Aeq}	110.1 dB
Noah:	58.2 L _{Aeq}	99.3 dB
Sandy:	51.9 L _{Aeq}	90.9 dB
Water Tower:	48.2 L _{Aeq}	99.6 dB
Wilson:	58.4 L _{Aeq}	103.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.0	19.5	25.8	26.6
Edwards:	8.2	8.8	25.3	26.4
Hollinger Office:	11.9	12.5	24.7	25.8
Hollinger Park:	11.0	11.2	26.6	27.3
Sandy:	21.2	48.8	53.8	97.9

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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:	1.6	2.2
Edwards:	4.3	5.5
Hollinger Office:	9.8	23.1
Hollinger Park:	5.2	5.8
Sandy:	4.9	5.2

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:	0.2	0.2	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.2	0.9	1.0
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.5	0.5