

Hollinger Public Blast Report

Blast Pattern: 3376_006B
Date: February 15, 2015
Blast Time: 11:38
Blast Sign Activation: 07:30
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: 550 m
 Cloud Cover: 0% Clear
 Wind Speed: 5 km/hr
 Wind Direction: W
 Temperature: -28.4 °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:	51.4 L _{Aeq}	108.8 dB
Edwards:	55.6 L _{Aeq}	91.4 dB
Fred:	43.7 L _{Aeq}	102.7 dB
Hollinger Office:	54.4 L _{Aeq}	114.8 dB
Noah:	57.5 L _{Aeq}	109.1 dB
Sandy:	51.2 L _{Aeq}	100.4 dB
Water Tower:	58.1 L _{Aeq}	116.8 dB
Wilson:	51.4 L _{Aeq}	106.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.2	15.4	20.5	20.7
Edwards:	3.9	4.2	18.8	21.2
Hollinger Office:	8.1	11.9	18.6	19.9
Hollinger Park:	6.2	6.7	19.9	21.2
Sandy:	5.2	5.7	19.9	22.4

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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:	0.6	0.9
Edwards:	1.8	2.2
Hollinger Office:	4.8	5.6
Hollinger Park:	4.6	6.5
Sandy:	3.4	11.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.4
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.5
Hollinger West:	0.2	0.2	0.2
Imerys:	0.4	0.6	0.7
Noah:	0.7	0.7	1.2
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	1.3	1.0	1.7
Water Tower:	0.1	0.1	0.2
Wilson:	0.8	0.7	0.8