

Hollinger Public Blast Report

Blast Pattern: 3388_046/47
Date: February 16, 2015
Blast Time: 11:51
Blast Sign Activation: 09:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: 220 m
 Cloud Cover: 0% Clear
 Wind Speed: 7 km/hr
 Wind Direction: SW
 Temperature: -16.9 °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:	60.7 L _{Aeq}	97.0 dB
Edwards:	55.4 L _{Aeq}	85.7 dB
Fred:	42.9 L _{Aeq}	97.2 dB
Hollinger Office:	60.5 L _{Aeq}	100.8 dB
Noah:	53.3 L _{Aeq}	96.2 dB
Sandy:	46.0 L _{Aeq}	96.0 dB
Water Tower:	49.0 L _{Aeq}	97.0 dB
Wilson:	57.1 L _{Aeq}	106.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.6	16.2	22.3	24.9
Edwards:	2.7	4.0	18.8	28.1
Hollinger Office:	8.8	12.3	21.1	29.7
Hollinger Park:	6.4	7.4	21.6	25.1
Sandy:	5.8	7.2	21.4	25.8

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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:	0.4	0.7
Edwards:	2.3	4.4
Hollinger Office:	4.0	7.8
Hollinger Park:	3.5	8.7
Sandy:	2.7	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards Temp:	0.1	0.1	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.3	0.1
Moneta Pumping Station:	1.1	0.7	1.7
Sandy:	3.4	2.9	2.0
Water Tower:	0.4	0.3	0.3
Wilson:	0.4	0.3	0.5