

Hollinger Public Blast Report

Blast Pattern: 3376_011
Date: February 22, 2015
Blast Time: 11:35
Blast Sign Activation: 07:15
Website Notification Time: 07:15

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: 230 m
 Cloud Cover: 50% Partially cloudy
 Wind Speed: 8 km/hr
 Wind Direction: NW
 Temperature: -23.8 °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:	50.7 L _{Aeq}	103.4 dB
Edwards:	59.3 L _{Aeq}	94.2 dB
Fred:	42.7 L _{Aeq}	100.4 dB
Hollinger Office:	54.8 L _{Aeq}	106.9 dB
Noah:	56.5 L _{Aeq}	103.4 dB
Sandy:	55.7 L _{Aeq}	96.3 dB
Water Tower:	54.1 L _{Aeq}	110.6 dB
Wilson:	43.3 L _{Aeq}	105.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	12.2	16.5	17.5
Edwards:	2.5	3.8	10.3	10.7
Hollinger Office:	4.5	5.4	11.9	13.7
Hollinger Park:	4.1	4.4	11.9	13.0
Sandy:	4.0	4.9	10.8	13.1

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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:	0.5	0.8
Edwards:	1.1	1.5
Hollinger Office:	4.4	5.1
Hollinger Park:	4.0	5.7
Sandy:	2.0	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.3	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.5	0.4
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	1.1	0.7	1.3
Water Tower:	0.2	0.0	0.2
Wilson:	0.4	0.3	0.4