

Hollinger Public Blast Report

Blast Pattern: 3388_076A
Date: March 8, 2015
Blast Time: 11:49
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: 90 m
 Cloud Cover: 25% Scattered clouds
 Wind Speed: 7 km/hr
 Wind Direction: SW
 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: Extendicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	48.0 L _{Aeq}	103.1 dB
Edwards:	59.0 L _{Aeq}	93.1 dB
Fred:	42.5 L _{Aeq}	97.1 dB
Hollinger Office:	69.8 L _{Aeq}	104.5 dB
Noah:	56.2 L _{Aeq}	97.6 dB
Sandy:	50.1 L _{Aeq}	94.2 dB
Water Tower:	48.7 L _{Aeq}	105.5 dB
Wilson:	58.5 L _{Aeq}	99.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	9.2	18.0	18.4
Edwards:	1.5	2.8	11.7	21.1
Hollinger Office:	6.6	8.9	13.7	20.1
Hollinger Park:	2.5	2.8	10.6	12.2
Sandy:	1.4	2.1	9.7	14.3

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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	0.9
Edwards:	16.6	38.9
Hollinger Office:	4.8	6.7
Hollinger Park:	4.5	8.8
Sandy:	2.1	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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