

Hollinger Public Blast Report

Blast Pattern: 3376_008A
Date: Nov 10, 2014
Blast Time: 11:48
Blast Sign Activation: 0730
Website Notification Time: 0730

Blast Conditions

Ceiling Height: 1480 m
 Boundary Layer Height: 1610 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 8 km/hr
 Wind Direction: S
 Temperature: -4.4 °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: Extendicare**

	LA_{eq}	L_{Peak}
Comfort Inn:	52.4 L _{Aeq}	110.5 dB
Edwards:	48.0 L _{Aeq}	94.0 dB
Fred:	46.2 L _{Aeq}	93.7 dB
Hollinger Office:	58.5 L _{Aeq}	111.2 dB
Noah:	60.3 L _{Aeq}	102.3 dB
Sandy:	73.2 L _{Aeq}	96.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.4 L _{Aeq}	94.1 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.2	10.1	10.6
Edwards:	1.0	1.2	2.5	3.8
Hollinger Office:	2.4	3.7	4.6	9.1
Hollinger Park:	1.8	2.0	4.6	5.5
Sandy:	2.5	4.8	5.7	18.7

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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:	0.2	0.4
Edwards:	2.3	7.2
Hollinger Office:	5.7	25.4
Hollinger Park:	3.2	11.6
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.2
Edwards Temp:	0.0	0.0	0.0
Hollinger Office:	0.0	0.2	0.1
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.4	0.4	0.3
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.4	0.1	0.3
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.2	0.2	0.2