

Hollinger Public Blast Report

Blast Pattern: 3388_041
Date: December 9, 2014
Blast Time: 13:40
Blast Sign Activation: 07:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 480 m
 Boundary Layer Height: > 4000 m
 Cloud Cover: 100% (Overcast) Snow
 Wind Speed: 20 km/hr
 Wind Direction: NNE
 Temperature: -11.6°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:	54.0 L _{Aeq}	103.5 dB
Edwards:	50.2 L _{Aeq}	95.6 dB
Fred:	47.8 L _{Aeq}	108.0 dB
Hollinger Office:	55.7 L _{Aeq}	108.6 dB
Noah:	62.9 L _{Aeq}	112.6 dB
Sandy:	54.9 L _{Aeq}	102.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.9 L _{Aeq}	106.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.0	15.7	18.0	19.0
Edwards:	9.3	10.1	16.2	17.2
Hollinger Office:	11.1	12.1	15.5	16.4
Hollinger Park:	10.6	11.3	16.8	17.9
Sandy:	28.3	34.7	32.0	47.1

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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:	0.2	0.5
Edwards:	3.7	5.0
Hollinger Office:	10.5	20.8
Hollinger Park:	4.6	9.0
Sandy:	8.1	15.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.3
Edwards Temp:	0.2	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.2	0.5	0.3
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	1.3	0.9	0.4
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.3	0.4