

Hollinger Public Blast Report



Blast Pattern: 3358_145
Date: 3-Jan-18
Blast Time: 11:35
Blast Sign Activation: 9:40
Website Notification Time: 9:18

Blast Conditions

Ceiling Height:	2000	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (Snow)
Wind Speed:	20	km/hr
Wind Direction:	N	
Temperature:	-16.5	°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} dB
Comfort Inn:	53.2 LAeq	102.0 dB
Edwards:	45.0 LAeq	101.0 dB
Fred:	39.6 LAeq	103.5 dB
Hollinger Office:	55.2 LAeq	113.0 dB
Noah:	59.0 LAeq	106.8 dB
Sandy:	39.9 LAeq	108.4 dB
Water Tower:	48.6 LAeq	119.2 dB
Wilson:	48.7 LAeq	106.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded at 24hr.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	6.7	1.0	1.7
Edwards:	7.7	11.4	3.7	4.9
Hollinger Office:	0.0	0.0	5.4	6.0
Sandy:	9.3	17.1	7.8	11.9

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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:	0.8	1.5
Edwards:	3.6	4.3
Hollinger Office:	7.0	19.2
Sandy:	8.0	18.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.3
Edwards:	0.2	0.2	0.1
Hollinger Office:	1.6	0.9	1.6
Hollinger West:	0.1	0.2	0.1
Imerys:	1.1	0.8	0.9
Noah:	1.1	1.0	1.0
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	0.5	0.6	0.4
Wilson:	0.7	0.7	0.6