

Hollinger Public Blast Report

Blast Pattern: 3280_004
Date: 16-Nov-21
Blast Time: 11:33
Blast Sign Activation: 7:05
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 3,609 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 17
Wind Direction: NW
Temperature: -4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

	L_{aeq}	L_{peak} dB
Comfort Inn:	56.7 LAeq	105.8 dB
Edwards:	49.5 LAeq	92.8 dB
Fred:	44.4 LAeq	101.5 dB
Hollinger Office:	56.8 LAeq	103.3 dB
Noah:	63.8 LAeq	102.9 dB
Sandy:	43.3 LAeq	105.2 dB
Water Tower:	49.8 LAeq	110.9 dB
Wilson:	46.8 LAeq	106.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.2	6.3	4.8	5.5
Edwards:	7.6	12.6	15.3	25.2
Hollinger Office:	21.0	30.4	28.8	42.0
Sandy:	3.9	5.5	6.8	9.4

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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:	0.0	0.1
Edwards:	13.0	14.2
Hollinger Office:	8.4	10.4
Sandy:	1.1	1.4

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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	1.3	0.5	0.8
Imerys:	0.5	0.4	0.6
Noah:	0.6	0.4	0.6
Moneta Pumping Station:	0.9	0.6	0.9
Sandy:	3.2	1.8	3.4
Water Tower:	1.1	0.8	1.4
Wilson:	1.3	1.3	1.7