

Hollinger Public Blast Report

Blast Pattern: 3277_006
Date: 6-Feb-22
Blast Time: 11:33
Blast Sign Activation: 7:22
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 11
Wind Direction: SE
Temperature: -9.3 °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:	47.2 LAeq	95.2 dB
Edwards:	41.8 LAeq	100.7 dB
Fred:	41.8 LAeq	95.2 dB
Hollinger Office:	49.9 LAeq	101.4 dB
Noah:	55.4 LAeq	100.6 dB
Sandy:	40.9 LAeq	103.2 dB
Water Tower:	41.9 LAeq	111.4 dB
Wilson:	63.8 LAeq	108.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.8	14.0	10.1	11.9
Edwards:	11.6	12.7	19.9	21.2
Hollinger Office:	18.6	20.3	19.7	21.0
Sandy:	10.6	10.9	14.6	16.0

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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:	5.0	7.9
Edwards:	1.8	2.5
Hollinger Office:	11.9	20.5
Sandy:	2.8	4.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.0	0.0	0.0
Imerys:	0.6	0.8	0.3
Noah:	1.1	0.9	1.0
Moneta Pumping Station:	0.7	0.3	0.5
Sandy:	1.7	0.8	1.2
Water Tower:	1.0	1.5	1.0
Wilson:	1.5	1.7	1.7