

Hollinger Public Blast Report

Blast Pattern: 3250_200PS
Date: 6-Nov-23
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast Snow
Wind Speed: 19 km/h
Wind Direction: SE
Temperature: 0.2 °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:	59.9 LAeq	104.0 dB
Edwards:	51.5 LAeq	108.7 dB
Fred:	46.9 LAeq	106.3 dB
Hollinger Office:	64.5 LAeq	124.9 dB
Noah:	64.1 LAeq	119 dB
Sandy:	51.0 LAeq	108.6 dB
Water Tower:	55.6 LAeq	118.0 dB
Wilson:	54.4 LAeq	113.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.1	0.2	1.9	2.3
Edwards:	11.9	12.6	4.6	5.4
Hollinger Office:	0.0	0.0	0.2	0.6
Sandy:	1.6	2.0	1.0	1.3

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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:	0.6	1.4
Edwards:	1.8	2.5
Hollinger Office:	1.6	3.1
Sandy:	2.2	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

