

Hollinger Public Blast Report

Blast Pattern: 3298_081
Date: 20-Dec-22
Blast Time: 13:32
Blast Sign Activation: 7:56
Website Notification Time: 7:56

Blast Conditions

Ceiling Height: 2,952 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 17
Wind Direction: SE
Temperature: -8.0 °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:	50.5 LAeq	105.7 dB
Edwards:	49.8 LAeq	102.0 dB
Fred:	43.0 LAeq	100.3 dB
Hollinger Office:	55.0 LAeq	110.3 dB
Noah:	56.4 LAeq	101.7 dB
Sandy:	48.6 LAeq	100.1 dB
Water Tower:	48.4 LAeq	107.0 dB
Wilson:	51.6 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	12.8	6.8	7.7
Edwards:	4.4	4.8	11.7	13.7
Hollinger Office:	10.2	13.0	17.1	26.6
Sandy:	6.0	7.9	16.9	22.0

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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:	0.7	1.2
Edwards:	3.9	6.4
Hollinger Office:	6.9	10.5
Sandy:	4.0	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	0.6	1.0
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	0.4
Noah:	0.7	0.6	0.7
Moneta Pumping Station	0.2	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	0.2	0.2	0.3
Wilson:	1.1	0.7	0.9

