

Hollinger Public Blast Report

Blast Pattern: 3286_053
Date: 21-Jan-23
Blast Time: 11:36
Blast Sign Activation: 7:20
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: S
Temperature: -9.5 °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:	50.3 LAeq	100.8 dB
Edwards:	46.8 LAeq	95.6 dB
Fred:	45.4 LAeq	95.7 dB
Hollinger Office:	52.4 LAeq	111.0 dB
Noah:	57.5 LAeq	104.8 dB
Sandy:	43.6 LAeq	101.1 dB
Water Tower:	44.2 LAeq	114.8 dB
Wilson:	47.7 LAeq	94.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.3	2.5	2.8	3.2
Edwards:	2.4	2.9	3.8	5.2
Hollinger Office:	6.0	7.0	7.6	10.8
Sandy:	3.5	7.6	6.6	10.2

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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:	0.2	0.9
Edwards:	1.9	4.9
Hollinger Office:	4.5	11.8
Sandy:	2.6	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

