

Hollinger Public Blast Report

Blast Pattern: 3262-070ws
Date: 21-Oct-23
Blast Time: 11:30
Blast Sign Activation: 7:25
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 18 km/h
Wind Direction: N
Temperature: 3.2 °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:	58.1 LAeq	105.0 dB
Edwards:	55.8 LAeq	102.2 dB
Fred:	46.8 LAeq	107.7 dB
Hollinger Office:	55.9 LAeq	111.4 dB
Noah:	60.1 LAeq	108.3 dB
Sandy:	46.1 LAeq	105.7 dB
Water Tower:	51.1 LAeq	109.9 dB
Wilson:	53.5 LAeq	112.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.0	0.0	2.4	2.9
Edwards:	0.5	3.8	6.6	26.2
Hollinger Office:	1.7	3.4	6.5	11.5
Sandy:	0.3	0.9	1.3	3.6

Hollinger Public Blast Report



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:	1.0	1.2
Hollinger Office:	1.1	2.1
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.6	0.2	0.7
Imerys:	0.6	0.5	0.4
Noah:	0.5	0.5	0.7
Moneta Pumping Station	2.0	0.8	1.6
Sandy:	0.0	1.0	1.3
Water Tower:	0.6	0.3	0.7
Wilson:	1.1	0.6	1.4

