

Hollinger Public Blast Report

Blast Pattern: 3256_062
Date: 27-Oct-23
Blast Time: 15:36
Blast Sign Activation: 7:45
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: N/A m
Cloud Cover: 100% Overcast
Wind Speed: 5 km/h
Wind Direction: S
Temperature: 7.3 °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:	56.8 LAeq	107.3 dB
Edwards:	54.6 LAeq	97.6 dB
Fred:	43.9 LAeq	86.5 dB
Hollinger Office:	54.5 LAeq	111.3 dB
Noah:	59.7 LAeq	102.2 dB
Sandy:	48.4 LAeq	102 dB
Water Tower:	48.7 LAeq	109.1 dB
Wilson:	51.8 LAeq	92.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.3	5.0	4.7	5.6
Edwards:	4.5	4.8	5.7	7.0
Hollinger Office:	3.1	4.9	9.8	13.1
Sandy:	1.0	1.3	4.5	5.6

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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:	3.1	6.4
Edwards:	3.0	5.0
Hollinger Office:	16.0	33.4
Sandy:	0.6	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

