

Hollinger Public Blast Report

Blast Pattern: 3268_062
Date: 10-Aug-23
Blast Time: 11:31
Blast Sign Activation: 7:35
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 1,969 ft
Boundary Layer Height: N/A m
Cloud Cover: 75% Cloudy
Wind Speed: 15 km/h
Wind Direction: NW
Temperature: 17.8 °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:	57.4 LAeq	106.3 dB
Edwards:	56.2 LAeq	100.5 dB
Fred:	45.9 LAeq	108.1 dB
Hollinger Office:	56.3 LAeq	107.1 dB
Noah:	61.9 LAeq	107.2 dB
Sandy:	50.8 Laeq	103.2 dB
Water Tower:	51.0 LAeq	119.5 dB
Wilson:	52.2 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.8	11.2	2.3	2.6
Edwards:	2.4	2.9	5.2	8.0
Hollinger Office:	4.3	4.9	43.5	44.6
Sandy:	1.6	2.1	11.7	13.2

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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:	0.1	0.2
Edwards:	0.8	1.1
Hollinger Office:	2.1	2.5
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

