

Hollinger Public Blast Report

Blast Pattern: 3298-058
Date: 15-Sep-22
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: 9.2 °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:	55.2 LAeq	104.2 dB
Edwards:	44.1 LAeq	94.2 dB
Fred:	38.4 LAeq	86.9 dB
Hollinger Office:	54.0 LAeq	106.9 dB
Noah:	58.7 LAeq	101.9 dB
Sandy:	46.3 LAeq	104.0 dB
Water Tower:	46.2 LAeq	109.8 dB
Wilson:	46.9 LAeq	99.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	2.6	1.0	1.5
Edwards:	7.7	8.1	3.6	4.6
Hollinger Office:	19.2	83.4	18.5	91.2
Sandy:	12.1	33.2	11.0	26.4

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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	2.5
Edwards:	0.8	1.5
Hollinger Office:	15.1	99.2
Sandy:	0.9	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.6	0.5	0.5
Hollinger West:	0.6	0.2	0.4
Imerys:	0.5	0.6	0.8
Noah:	0.9	0.5	0.8
Moneta Pumping Station:	0.7	0.4	0.7
Sandy:	3.5	0.5	1.3
Water Tower:	0.4	0.2	0.7
Wilson:	1.5	1.0	1.0

