

Hollinger Public Blast Report

Blast Pattern: 3304_070
Date: 27-Jul-22
Blast Time: 15:47
Blast Sign Activation: 8:05
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3,937 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9
Wind Direction: W
Temperature: 18.9 °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:	57.0 LAeq	110.1 dB
Edwards:	49.2 LAeq	106.8 dB
Fred:	45.2 LAeq	105.0 dB
Hollinger Office:	56.4 LAeq	116.2 dB
Noah:	60.7 LAeq	106.8 dB
Sandy:	48.9 LAeq	99.5 dB
Water Tower:	50.4 LAeq	111.8 dB
Wilson:	50.1 LAeq	96.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	12.8	20.2	21.4
Edwards:	12.8	14.5	17.3	19.4
Hollinger Office:	22.7	65.7	27.9	70.1
Sandy:	14.2	16.3	14.8	15.9

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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:	0.5	0.8
Edwards:	0.2	1.0
Hollinger Office:	6.6	30.7
Sandy:	1.6	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.3	0.1	0.3
Imerys:	0.5	0.3	0.6
Noah:	0.7	0.5	0.6
Moneta Pumping Station:	0.7	0.3	0.7
Sandy:	1.0	0.4	0.9
Water Tower:	0.4	0.2	0.6
Wilson:	0.9	0.6	1.2

