

Hollinger Public Blast Report

Blast Pattern: 3322_070
Date: 6-Apr-21
Blast Time: 11:36
Blast Sign Activation: 7:10
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 3609 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22
Wind Direction: S
Temperature: 7.1 °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:	55.6 LAeq	105.0 dB
Edwards:	47.5 LAeq	106.4 dB
Fred:	46.2 LAeq	108.3 dB
Hollinger Office:	55.4 LAeq	108.6 dB
Noah:	58.6 LAeq	106.3 dB
Sandy:	49.1 LAeq	110.8 dB
Water Tower:	49.3 LAeq	112.3 dB
Wilson:	53.4 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.8	33.5	19.7	42.0
Edwards:	7.9	8.9	18.3	21.1
Hollinger Office:	16.2	20.1	28.5	44.2
Sandy:	8.4	9.0	14.3	17.2

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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:	4.4	8.3
Edwards:	0.6	1.5
Hollinger Office:	6.6	15.6
Sandy:	1.6	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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