

Hollinger Public Blast Report

Blast Pattern: 3322_079
Date: 18-Dec-20
Blast Time: 13:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 27887 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: SSE
Temperature: -4.6 °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:	53.3 LAeq	112.1 dB
Edwards:	44.7 LAeq	98.8 dB
Fred:	43.6 LAeq	96.9 dB
Hollinger Office:	54.0 LAeq	114.4 dB
Noah:	61.8 LAeq	102.6 dB
Sandy:	47.9 LAeq	104.0 dB
Water Tower:	50.4 LAeq	110.0 dB
Wilson:	50.1 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.6	16.4	5.7	9.6
Edwards:	1.7	2.2	8.5	10.7
Hollinger Office:	2.5	5.1	15.9	54.1
Sandy:	1.5	2.2	5.8	7.9

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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:	6.1	10.8
Edwards:	1.6	3.5
Hollinger Office:	18.4	45.3
Sandy:	4.6	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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