

Hollinger Public Blast Report

Blast Pattern: 3304_030
Date: 2-Feb-21
Blast Time: 11:33
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 29855 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6
Wind Direction: N
Temperature: -14.8 °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:	53.3 LAeq	97.4 dB
Edwards:	44.2 LAeq	95.4 dB
Fred:	41.0 LAeq	95.7 dB
Hollinger Office:	55.7 LAeq	101.2 dB
Noah:	60.0 LAeq	105.1 dB
Sandy:	43.2 LAeq	105.1 dB
Water Tower:	46.3 LAeq	107.5 dB
Wilson:	47.5 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.1	12.6	0.9	1.3
Edwards:	0.6	2.6	5.5	6.3
Hollinger Office:	8.9	14.1	6.9	8.3
Sandy:	4.2	5.3	5.8	8.7

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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:	1.6	1.9
Edwards:	2.3	3.3
Hollinger Office:	6.1	7.3
Sandy:	5.0	6.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	0.2	0.3	0.2
Imerys:	0.7	1.1	1.0
Noah:	0.7	0.8	0.6
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.8	0.4	0.8
Water Tower:	0.9	1.3	0.9
Wilson:	0.7	1.0	0.9