

Hollinger Public Blast Report

Blast Pattern: 3340_140, 3310_002 PS
Date: 31-Jan-20
Blast Time: 11:36
Blast Sign Activation: 7:47
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 3937 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: -5.1 °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:	49.1 LAeq	105.8 dB
Edwards:	44.5 LAeq	95.7 dB
Fred:	41.0 LAeq	93.1 dB
Hollinger Office:	52.7 LAeq	107.1 dB
Noah:	58.6 LAeq	97.4 dB
Sandy:	44.8 LAeq	103.8 dB
Water Tower:	49.1 LAeq	104.6 dB
Wilson:	53.9 LAeq	111.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	7.1	5.3	6.8
Edwards:	3.2	3.6	8.1	9.1
Hollinger Office:	10.5	19.4	13.4	28.6
Sandy:	2.0	2.4	6.4	7.5

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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:	7.8	24.9
Edwards:	2.6	6.6
Hollinger Office:	16.5	46.8
Sandy:	3.4	6.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	1.3	2.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.4	0.2	0.3
Imerys:	0.1	0.1	0.3
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.5	0.3	0.3
Sandy:	4.5	2.5	3.4
Water Tower:	0.4	0.5	0.3
Wilson:	0.7	0.5	0.9