

Hollinger Public Blast Report



Blast Pattern: 3340_131, 3334_090
Date: 13-Dec-19
Blast Time: 11:49
Blast Sign Activation: 8:01
Website Notification Time: 7:53

Blast Conditions

Ceiling Height: 3937 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: NE
Temperature: -10.9 °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:	50.9 LAeq	108.3 dB
Edwards:	44.0 LAeq	97.9 dB
Fred:	37.7 LAeq	86.7 dB
Hollinger Office:	54.5 LAeq	107.0 dB
Noah:	59.4 LAeq	102.2 dB
Sandy:	37.4 LAeq	98.7 dB
Water Tower:	46.9 LAeq	109.4 dB
Wilson:	56.6 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.8	3.9	4.3
Edwards:	3.1	3.5	10.3	13.0
Hollinger Office:	23.6	27.4	9.0	10.6
Sandy:	6.8	12.0	10.3	23.4

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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:	1.2	1.5
Edwards:	4.0	4.7
Hollinger Office:	6.5	9.3
Sandy:	21.5	84.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	1.0	1.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.8	0.7	1.2
Hollinger West:	0.3	0.2	0.3
Imerys:	2.4	1.8	1.4
Noah:	1.0	0.9	1.5
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.2	0.2
Water Tower:	1.2	1.0	0.6
Wilson:	1.0	0.6	0.9