

Hollinger Public Blast Report



Blast Pattern: 3340_133
Date: 4-Dec-19
Blast Time: 11:42
Blast Sign Activation: 7:38
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: -3.6 °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:	L _{Aeq}	dB
Edwards:	48.2 L _{Aeq}	96.9 dB
Fred:	40.4 L _{Aeq}	97.1 dB
Hollinger Office:	54.3 L _{Aeq}	111.9 dB
Noah:	66.3 L _{Aeq}	101.9 dB
Sandy:	39.8 L _{Aeq}	97.3 dB
Water Tower:	47.8 L _{Aeq}	108.6 dB
Wilson:	48.8 L _{Aeq}	99.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.2	5.5	6.5
Edwards:	4.2	5.9	12.2	19.4
Hollinger Office:	6.0	8.4	13.7	18.5
Sandy:	3.9	5.0	7.0	8.0

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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:	1.8	2.8
Edwards:	2.5	3.7
Hollinger Office:	5.7	6.9
Sandy:	3.1	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:			
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.3	1.7	6.4
Hollinger West:	0.1	0.0	0.1
Imerys:	1.0	0.5	1.4
Noah:	0.8	0.5	0.9
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.1	0.0	0.1
Water Tower:	0.3	0.2	0.3
Wilson:	0.4	0.3	0.3