

Hollinger Public Blast Report



Blast Pattern: 3328_086
Date: 3-Dec-19
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -6.7 °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:	58.0 L _{Aeq}	97.9 dB
Fred:	42.7 L _{Aeq}	95.4 dB
Hollinger Office:	50.4 L _{Aeq}	109.1 dB
Noah:	55.9 L _{Aeq}	95.8 dB
Sandy:	44.2 L _{Aeq}	92.1 dB
Water Tower:	44.9 L _{Aeq}	100.5 dB
Wilson:	47.9 L _{Aeq}	91.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	4.0	2.2	4.4
Edwards:	3.8	4.4	4.8	7.8
Hollinger Office:	3.6	4.3	3.5	4.1
Sandy:	2.5	4.4	4.3	6.6

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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:	0.7	2.2
Edwards:	3.3	6.9
Hollinger Office:	3.3	3.8
Sandy:	4.7	7.3

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:	1.7	0.9	3.6
Hollinger West:	0.1	0.1	0.1
Imerys:	1.1	0.9	1.3
Noah:	0.9	0.5	1.0
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.4	0.4	0.4
Wilson:	0.7	0.5	0.6