

Hollinger Public Blast Report

Blast Pattern: 3280_013 3280_014
Date: 31-Dec-21
Blast Time: 11:32
Blast Sign Activation: 7:16
Website Notification Time: 7:14

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20
Wind Direction: S
Temperature: -3.3 °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:	51.6 LAeq	100.5 dB
Edwards:	48.3 LAeq	102.5 dB
Fred:	46.1 LAeq	102.6 dB
Hollinger Office:	55.6 LAeq	113.6 dB
Noah:	60.1 LAeq	107.7 dB
Sandy:	LAeq	dB
Water Tower:	51.4 LAeq	110.3 dB
Wilson:	53.5 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	5.5	4.8	5.1
Edwards:	4.9	5.9	6.4	7.2
Hollinger Office:	8.8	10.1	8.8	12.7
Sandy:	3.5	3.7	5.8	6.2

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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:	1.4	4.5
Edwards:	18.8	21.1
Hollinger Office:	10.8	15.0
Sandy:	1.0	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.4	0.3
Hollinger West:	0.6	0.4	0.7
Imerys:	0.5	0.6	0.2
Noah:	0.8	0.4	0.9
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	4.6	2.5	3.2
Water Tower:	1.2	1.1	0.9
Wilson:	0.8	1.1	1.3