

Hollinger Public Blast Report

Blast Pattern: 3310_075
Date: 20-Dec-21
Blast Time: 13:38
Blast Sign Activation: 7:55
Website Notification Time: 7:48

Blast Conditions

Ceiling Height: 1,338 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 15
Wind Direction: SW
Temperature: -0.8 °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:	56.5 LAeq	118.2 dB
Edwards:	50.5 LAeq	113.4 dB
Fred:	47.5 LAeq	109.8 dB
Hollinger Office:	58.3 LAeq	115.6 dB
Noah:	62.3 LAeq	112.9 dB
Sandy:	49.1 LAeq	109.5 dB
Water Tower:	56.3 LAeq	112.8 dB
Wilson:	50.8 LAeq	112.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.6	13.5	9.9	10.6
Edwards:	14.7	15.6	19.0	21.0
Hollinger Office:	23.0	30.9	22.8	38.9
Sandy:	18.2	19.3	14.1	15.0

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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:	0.8	2.4
Edwards:	23.5	39.9
Hollinger Office:	9.2	10.3
Sandy:	1.8	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	2.6	2.8	2.3
Hollinger West:	0.3	0.1	0.2
Imerys:	1.0	1.4	0.7
Noah:	1.2	0.9	1.0
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.2	0.5
Water Tower:	1.1	1.1	1.1
Wilson:	0.6	0.5	0.8