

Hollinger Public Blast Report

Blast Pattern: 3304_022
Date: 4-Jan-21
Blast Time: 11:39
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 22
Wind Direction: S
Temperature: -1.2 °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:	53.0 LAeq	103.2 dB
Edwards:	52.6 LAeq	102.0 dB
Fred:	45.4 LAeq	102.8 dB
Hollinger Office:	55.5 LAeq	113.4 dB
Noah:	59.6 LAeq	110.5 dB
Sandy:	48.1 LAeq	105.6 dB
Water Tower:	50.3 LAeq	111.3 dB
Wilson:	51.9 LAeq	102.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.3	20.5	11.9	12.1
Edwards:	10.0	11.2	25.8	27.0
Hollinger Office:	9.7	10.4	28.8	30.9
Sandy:	7.2	7.4	18.7	19.2

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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:	1.7	4.4
Edwards:	1.1	2.7
Hollinger Office:	3.2	4.0
Sandy:	3.4	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	0.8	2.5	1.2
Imerys:	0.3	0.7	0.4
Noah:	0.8	0.6	0.8
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	0.7	0.5	0.7
Water Tower:	1.8	2.6	1.5
Wilson:	1.2	1.3	1.7