

Hollinger Public Blast Report

Blast Pattern: 3316_099/3282 Rob Cut
Date: 4-Oct-21
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: SE
Temperature: 12.4 °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:	56.1 LAeq	111.2 dB
Edwards:	44.9 LAeq	101.4 dB
Fred:	42.3 LAeq	90.7 dB
Hollinger Office:	63.9 LAeq	112.4 dB
Noah:	60.3 LAeq	104.2 dB
Sandy:	44.4 LAeq	106.4 dB
Water Tower:	55.4 LAeq	111.9 dB
Wilson:	49.9 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	9.3	13.2	14.6
Edwards:	7.7	9.0	19.6	25.6
Hollinger Office:	6.4	7.1	21.2	23.7
Sandy:	10.8	13.8	18.2	21.1

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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:	2.7	3.4
Edwards:	4.6	7.7
Hollinger Office:	8.6	11.9
Sandy:	2.3	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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