

Hollinger Public Blast Report

Blast Pattern: 3310_017
Date: 25-Aug-20
Blast Time: 15:43
Blast Sign Activation: 7:26
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 2952 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19 km/hr
Wind Direction: NW
Temperature: 13.3 °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:	58.4 LAeq	108.3 dB
Edwards:	55.7 LAeq	97.5 dB
Fred:	49.0 LAeq	105.4 dB
Hollinger Office:	57.4 LAeq	109.3 dB
Noah:	61.6 LAeq	112.1 dB
Sandy:	50.3 LAeq	109.0 dB
Water Tower:	51.7 LAeq	113.5 dB
Wilson:	53.0 LAeq	110.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.6	12.8	3.7	4.4
Edwards:	3.2	3.7	18.8	19.9
Hollinger Office:	5.2	5.5	14.2	15.4
Sandy:	11.5	17.3	12.7	24.9

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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:	0.1	0.4
Edwards:	3.7	10.4
Hollinger Office:	0.3	0.5
Sandy:	6.2	12.0

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	0.1	0.3
Hollinger West:	4.0	1.8	3.5
Imerys:	0.7	0.6	0.7
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.6	0.6	1.1
Sandy:	2.2	0.7	1.5
Water Tower:	1.0	0.6	1.4
Wilson:	3.2	3.8	3.5