

Hollinger Public Blast Report

Blast Pattern: 3310_023, 3316_042
Date: 2-Sep-20
Blast Time: 11:48
Blast Sign Activation: 7:35
Website Notification Time: 7:04

Blast Conditions

Ceiling Height: 1969 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: SW
Temperature: 16.1 °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:	58.2 LAeq	107.9 dB
Edwards:	53.4 LAeq	107.5 dB
Fred:	48.2 LAeq	114.9 dB
Hollinger Office:	57.1 LAeq	109.7 dB
Noah:	61.2 LAeq	115.0 dB
Sandy:	51.8 LAeq	108.9 dB
Water Tower:	51.5 LAeq	116.6 dB
Wilson:	52.2 LAeq	109.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.6	4.0	4.7	5.8
Edwards:	2.8	8.3	36.6	120.3
Hollinger Office:	25.0	53.4	22.2	78.3
Sandy:	6.7	7.7	8.8	10.4

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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:	0.6	1.5
Edwards:	2.9	6.4
Hollinger Office:	10.7	53.7
Sandy:	0.0	0.0

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:	0.9	0.3	0.5
Hollinger West:	7.2	3.1	6.8
Imerys:	1.4	1.2	2.1
Noah:	0.9	0.9	0.9
Moneta Pumping Station:	0.6	0.6	0.9
Sandy:	2.0	1.0	1.5
Water Tower:	2.4	1.8	3.7
Wilson:	3.5	3.9	5.6