

Hollinger Public Blast Report

Blast Pattern: 3316_008, 3316_010
Date: 19-Jul-20
Blast Time: 11:38
Blast Sign Activation: 7:05
Website Notification Time: 7:03

Blast Conditions

Ceiling Height: 12139 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: S
Temperature: 24.8 °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:	70.1 LAeq	107.1 dB
Edwards:	73.9 LAeq	112.6 dB
Fred:	49.2 LAeq	105.8 dB
Hollinger Office:	55.5 LAeq	110.7 dB
Noah:	59.2 LAeq	105.9 dB
Sandy:	53.3 LAeq	106.2 dB
Water Tower:	51.4 LAeq	110.3 dB
Wilson:	49.5 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.5	27.7	67.4	80.6
Edwards:	7.8	9.4	39.1	46.0
Hollinger Office:	13.1	14.7	39.7	47.9
Sandy:	9.8	10.9	22.1	25.7

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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:	2.1	8.5
Edwards:	4.9	25.7
Hollinger Office:	7.1	14.0
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.6
Hollinger West:	0.9	0.4	0.9
Imerys:	1.0	1.1	1.3
Noah:	1.1	0.7	0.8
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	1.1	0.5	0.9
Water Tower:	3.4	1.6	3.5
Wilson:	0.9	1.0	1.2