

Hollinger Public Blast Report

Blast Pattern: 3316_032
Date: 22-Jul-20
Blast Time: 11:43
Blast Sign Activation: 9:00
Website Notification Time: 10:55

Blast Conditions

Ceiling Height: 12900 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: E
Temperature: 20.7 °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:	55.0 LAeq	104.2 dB
Edwards:	47.4 LAeq	96.9 dB
Fred:	45.6 LAeq	91.2 dB
Hollinger Office:	55.7 LAeq	106.0 dB
Noah:	61.4 LAeq	109.9 dB
Sandy:	46.1 LAeq	111.0 dB
Water Tower:	51.6 LAeq	117.2 dB
Wilson:	50.2 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.4	26.2	22.0	28.2
Edwards:	6.2	7.0	29.7	32.0
Hollinger Office:	22.6	25.0	31.5	34.1
Sandy:	7.5	10.5	15.3	20.0

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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	3.4
Edwards:	4.6	7.3
Hollinger Office:	0.0	0.0
Sandy:	4.7	13.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	4.8	2.4	4.5
Imerys:	1.6	1.5	1.4
Noah:	1.6	1.1	1.2
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	1.4	0.4	0.9
Water Tower:	2.8	1.7	2.9
Wilson:	2.2	2.1	2.8