

Hollinger Public Blast Report

Blast Pattern: 3322_048
Date: 16-Jun-20
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 37500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 18 km/hr
Wind Direction: SSW
Temperature: 23.2 °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:	56.6 LAeq	105.7 dB
Edwards:	52.7 LAeq	109.4 dB
Fred:	48.2 LAeq	108.4 dB
Hollinger Office:	59.5 LAeq	121.1 dB
Noah:	61.5 LAeq	109.1 dB
Sandy:	51.0 LAeq	108.5 dB
Water Tower:	53.9 LAeq	119.9 dB
Wilson:	54.4 LAeq	109.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.6	15.1	19.1	24.5
Edwards:	7.8	8.8	21.4	25.7
Hollinger Office:	21.0	23.6	33.0	42.1
Sandy:	16.3	21.0	21.4	32.9

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.2	0.6
Edwards:	3.3	6.6
Hollinger Office:	2.7	3.5
Sandy:	1.1	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.7	0.4	0.9
Hollinger West:	0.4	0.3	0.4
Imerys:	1.5	0.8	1.5
Noah:	1.2	1.1	1.5
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.6	0.2	0.6
Water Tower:	1.3	0.7	1.4
Wilson:	1.4	1.0	2.0