

Hollinger Public Blast Report

Blast Pattern: 3322_098
Date: 20-May-21
Blast Time: 11:36
Blast Sign Activation: 8:15
Website Notification Time: 8:03

Blast Conditions

Ceiling Height: 7874 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 6
Wind Direction: SW
Temperature: 23 °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:	56.0 LAeq	110.0 dB
Edwards:	50.9 LAeq	99.8 dB
Fred:	45.6 LAeq	109.1 dB
Hollinger Office:	59.6 LAeq	113.4 dB
Noah:	60.0 LAeq	104.4 dB
Sandy:	48.7 LAeq	104.3 dB
Water Tower:	56.9 LAeq	111.1 dB
Wilson:	49.4 LAeq	103.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.2	7.7	33.6	35.9
Edwards:	16.5	19.0	28.9	34.8
Hollinger Office:	23.7	26.3	39.9	52.1
Sandy:	23.2	28.9	29.4	39.0

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:	0.9	1.6
Edwards:	1.3	4.3
Hollinger Office:	4.2	7.6
Sandy:	1.6	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.7	1.2
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	0.0
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.4	0.1	0.4
Water Tower:	0.4	0.1	0.3
Wilson:	0.5	0.4	0.6