

Hollinger Public Blast Report

Blast Pattern: 3316_100
Date: 2-Jul-21
Blast Time: 11:34
Blast Sign Activation: 7:22
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 2,953 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 20
Wind Direction: SW
Temperature: 19.8 °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:	56.8 LAeq	111.6 dB
Edwards:	57.8 LAeq	108.5 dB
Fred:	48.3 LAeq	107.8 dB
Hollinger Office:	55.6 LAeq	113.1 dB
Noah:	59.9 LAeq	108.9 dB
Sandy:	50.0 LAeq	108.7 dB
Water Tower:	50.5 LAeq	119.2 dB
Wilson:	57.6 LAeq	113.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.3	17.4	12.9	15.9
Edwards:	17.0	23.4	32.0	50.5
Hollinger Office:	16.6	19.7	38.5	49.6
Sandy:	8.4	8.7	16.5	18.8

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:	1.7	4.3
Edwards:	1.8	3.9
Hollinger Office:	4.4	6.8
Sandy:	0.6	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.1	0.9
Edwards:	0.4	0.0	0.3
Hollinger Office:	0.7	0.2	0.2
Hollinger West:	0.3	1.3	0.1
Imerys:	1.0	0.9	0.3
Noah:	0.6	0.7	0.5
Moneta Pumping Station:	0.4	0.5	0.2
Sandy:	0.3	1.3	0.2
Water Tower:	0.3	1.4	0.2
Wilson:	1.1	3.1	0.9