

Hollinger Public Blast Report

Blast Pattern: 3316_001
Date: 21-Apr-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2296 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 33 km/hr
Wind Direction: W
Temperature: -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:	54.5 LAeq	112.8 dB
Edwards:	52.9 LAeq	109.6 dB
Fred:	46.4 LAeq	115.2 dB
Hollinger Office:	56.3 LAeq	114.9 dB
Noah:	60.0 LAeq	112.4 dB
Sandy:	44.6 LAeq	113.8 dB
Water Tower:	53.0 LAeq	120.4 dB
Wilson:	51.7 LAeq	120.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.1	13.4	10.2	14.7
Edwards:	15.7	18.4	15.2	17.4
Hollinger Office:	22.9	35.7	21.7	37.0
Sandy:	11.6	12.9	11.8	13.6

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:	1.0	2.2
Edwards:	3.3	6.1
Hollinger Office:	2.2	3.0
Sandy:	1.9	2.3

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:	0.2	0.1	0.2
Hollinger West:	0.7	0.3	0.9
Imerys:	0.3	0.4	0.4
Noah:	0.5	0.4	0.4
Moneta Pumping Station:	1.1	0.6	0.8
Sandy:	5.7	3.5	4.6
Water Tower:	1.0	1.0	1.2
Wilson:	1.3	1.2	1.7