

Hollinger Public Blast Report

Blast Pattern: 3304_051
Date: 14-Apr-22
Blast Time: 15:35
Blast Sign Activation: 7:46
Website Notification Time: 7:54

Blast Conditions

Ceiling Height: 2,953 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Overcast Rain
Wind Speed: 22
Wind Direction: SW
Temperature: 7.2 °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:	56.9 LAeq	117.8 dB
Edwards:	52.9 LAeq	116.3 dB
Fred:	51.5 LAeq	116.1 dB
Hollinger Office:	62.1 LAeq	118.5 dB
Noah:	62.4 LAeq	117.5 dB
Sandy:	53.9 LAeq	115.3 dB
Water Tower:	60.4 LAeq	120.8 dB
Wilson:	52.9 LAeq	115.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	10.9	7.5	8.3
Edwards:	11.1	12.0	9.6	11.6
Hollinger Office:	6.7	8.0	10.7	12.3
Sandy:	2.5	4.0	8.5	9.8

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:	0.1	0.8
Edwards:	3.0	6.0
Hollinger Office:	2.4	4.0
Sandy:	0.6	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.3	1.0	1.2
Hollinger West:	0.5	0.1	0.3
Imerys:	0.8	1.1	0.7
Noah:	1.6	0.6	1.2
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	0.4	0.3	0.6
Water Tower:	0.8	0.6	0.7
Wilson:	0.9	0.8	1.1

