

Hollinger Public Blast Report

Blast Pattern: 3322_071
Date: 29-Mar-21
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5900 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 11
 Wind Direction: SW
 Temperature: -3.3 °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:	52.7 LAeq	113.1 dB
Edwards:	51.4 LAeq	103.3 dB
Fred:	41.2 LAeq	102.0 dB
Hollinger Office:	54.6 LAeq	119.6 dB
Noah:	59.6 LAeq	108.2 dB
Sandy:	50.9 LAeq	108.2 dB
Water Tower:	45.7 LAeq	113.1 dB
Wilson:	48.3 LAeq	100.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.7	13.8	5.9	7.1
Edwards:	4.7	5.4	12.9	15.9
Hollinger Office:	6.7	10.0	16.4	31.6
Sandy:	3.0	3.5	6.1	6.8

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:	2.6	5.4
Edwards:	4.4	9.1
Hollinger Office:	4.5	11.4
Sandy:	2.7	6.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.7
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.8	0.4	0.4
Hollinger West:	0.3	0.1	0.2
Imerys:	0.6	0.3	0.7
Noah:	0.7	0.7	0.8
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	0.7	0.3	0.6
Water Tower:	0.3	0.2	0.5
Wilson:	0.9	0.7	2.2