

Hollinger Public Blast Report

Blast Pattern: 3280_011
Date: 3-Dec-21
Blast Time: 11:33
Blast Sign Activation: 7:19
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 29,856 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 9
 Wind Direction: W
 Temperature: -14.4 °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:	52.9 LAeq	103.5 dB
Edwards:	47.0 LAeq	99.6 dB
Fred:	39.6 LAeq	100.2 dB
Hollinger Office:	55.3 LAeq	99.8 dB
Noah:	58.7 LAeq	104.2 dB
Sandy:	55.7 LAeq	106.5 dB
Water Tower:	46.6 LAeq	110.7 dB
Wilson:	46.1 LAeq	104.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	6.1	4.0	6.0
Edwards:	7.2	13.9	12.2	21.6
Hollinger Office:	14.6	35.3	5.9	7.8
Sandy:	1.4	1.8	4.2	5.3

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	3.4	5.1
Edwards:	18.5	22.6
Hollinger Office:	15.3	18.0
Sandy:	4.0	7.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.5	0.3	0.4
Imerys:	0.8	0.6	0.6
Noah:	1.4	0.5	0.9
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	1.0	1.1	1.3
Water Tower:	1.4	1.0	1.3
Wilson:	1.3	0.9	1.0