

Hollinger Public Blast Report

Blast Pattern: 3280_012
Date: 12-Dec-21
Blast Time: 11:39
Blast Sign Activation: 7:27
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 12,139 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 26
Wind Direction: S
Temperature: -2.3 °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:	50.8 LAeq	111.0 dB
Edwards:	50.4 LAeq	108.0 dB
Fred:	45.4 LAeq	112.0 dB
Hollinger Office:	56.0 LAeq	117.4 dB
Noah:	60.9 LAeq	111.5 dB
Sandy:	46.8 LAeq	108.8 dB
Water Tower:	56.9 LAeq	117.7 dB
Wilson:	52.4 LAeq	110.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.8	5.9	5.0	5.8
Edwards:	4.2	4.6	7.2	7.9
Hollinger Office:	9.0	12.2	12.9	26.5
Sandy:	5.0	5.4	5.7	6.1

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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:	0.3	0.8
Edwards:	20.4	24.0
Hollinger Office:	11.1	13.2
Sandy:	1.2	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.9	0.4	0.7
Imerys:	0.2	0.3	0.1
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.8	0.4	0.8
Sandy:	3.1	2.7	3.1
Water Tower:	1.0	0.8	1.0
Wilson:	1.5	2.1	1.6