

Hollinger Public Blast Report

Blast Pattern: 3274_010
Date: 13-Feb-22
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 2
Wind Direction: SE
Temperature: -20.6 °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:	45.6 LAeq	105.1 dB
Edwards:	43.9 LAeq	94.4 dB
Fred:	36.3 LAeq	91.0 dB
Hollinger Office:	48.9 LAeq	107.4 dB
Noah:	53.0 LAeq	105.1 dB
Sandy:	36.9 LAeq	103.8 dB
Water Tower:	39.3 LAeq	88.7 dB
Wilson:	52.2 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	7.1	4.6	7.2
Edwards:	9.9	15.1	18.6	31.5
Hollinger Office:	24.6	38.6	66.3	160.1
Sandy:	1.8	2.1	9.6	10.9

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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:	1.8	3.6
Edwards:	22.3	33.0
Hollinger Office:	57.8	133.3
Sandy:	3.3	5.2

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:	0.0	0.0	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.0	0.0	0.0
Noah:	1.1	0.9	1.0
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.7	0.8	2.1
Water Tower:	1.6	1.3	1.0
Wilson:	1.8	2.1	2.4