

Hollinger Public Blast Report

Blast Pattern: 3292_067
Date: 10-Jan-23
Blast Time: 11:38
Blast Sign Activation: 7:25
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 9,514 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 20
Wind Direction: SE
Temperature: -11.4 °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:	53.7 LAeq	108.8 dB
Edwards:	44.8 LAeq	104.6 dB
Fred:	41.3 LAeq	94.5 dB
Hollinger Office:	54.5 LAeq	113.2 dB
Noah:	58.6 LAeq	105.2 dB
Sandy:	L _{Aeq}	dB
Water Tower:	47.5 LAeq	110.8 dB
Wilson:	50.0 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	4.1	5.0	7.3
Edwards:	5.7	10.5	9.6	18.7
Hollinger Office:	4.1	15.1	18.8	84.3
Sandy:	2.1	2.8	5.7	6.7

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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:	0.9	1.5
Edwards:	2.2	3.0
Hollinger Office:	4.8	8.1
Sandy:	3.9	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.6	1.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	1.0	0.7
Hollinger West:	0.2	0.2	0.2
Imerys:	0.6	0.4	0.8
Noah:	1.0	0.6	1.2
Moneta Pumping Station	0.5	1.5	0.4
Sandy:	0.4	0.2	0.5
Water Tower:	0.5	0.3	0.5
Wilson:	1.5	1.3	1.5

