

Hollinger Public Blast Report

Blast Pattern: 3274_002
Date: 29-Jan-22
Blast Time: 11:32
Blast Sign Activation: 7:45
Website Notification Time: 6:32

Blast Conditions

Ceiling Height: 3,281 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: S
Temperature: -13.7 °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:	47.4 LAeq	94.4 dB
Edwards:	49.4 LAeq	93.5 dB
Fred:	41.4 LAeq	97.8 dB
Hollinger Office:	49.9 LAeq	110.3 dB
Noah:	55.0 LAeq	100.2 dB
Sandy:	LAeq	dB
Water Tower:	40.6 LAeq	100.9 dB
Wilson:	61.6 LAeq	107.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	6.7	4.6	8.2
Edwards:	3.9	4.6	9.1	10.5
Hollinger Office:	11.5	18.1	12.4	31.3
Sandy:	4.1	6.4	7.1	9.5

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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:	1.0	2.5
Edwards:	0.8	1.4
Hollinger Office:	8.6	12.0
Sandy:	1.7	3.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.4	0.5	0.3
Noah:	0.9	0.8	0.7
Moneta Pumping Station:	0.7	0.5	0.6
Sandy:	2.4	1.8	2.8
Water Tower:	0.7	1.1	0.7
Wilson:	1.1	1.3	1.8