

Hollinger Public Blast Report

Blast Pattern: 3298_084 13 3274_210PS
Date: 30-Dec-22
Blast Time: 11:35
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 6,234 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: SW
Temperature: 8.0 °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:	54.7 LAeq	108.2 dB
Edwards:	51.2 LAeq	103.4 dB
Fred:	44.4 LAeq	109.6 dB
Hollinger Office:	56.0 LAeq	111.0 dB
Noah:	60.4 LAeq	110.5 dB
Sandy:	48.0 LAeq	108.3 dB
Water Tower:	47.8 LAeq	110.7 dB
Wilson:	51.5 LAeq	106.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.8	18.3	9.2	9.5
Edwards:	5.4	5.8	16.2	17.5
Hollinger Office:	0.0	0.0	22.8	23.1
Sandy:	7.6	14.0	18.1	30.9

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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:	0.7	1.0
Edwards:	5.8	13.0
Hollinger Office:	3.0	9.5
Sandy:	1.9	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

