

Hollinger Public Blast Report

Blast Pattern: 3292_057/3292_053
Date: 14-Dec-22
Blast Time: 11:40
Blast Sign Activation: 7:25
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 20,013 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 0
Wind Direction: N
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:	52.6 LAeq	111.3 dB
Edwards:	45.4 LAeq	98.1 dB
Fred:	42.3 LAeq	90.5 dB
Hollinger Office:	54.6 LAeq	110.0 dB
Noah:	58.6 LAeq	104.6 dB
Sandy:	45.0 LAeq	103.2 dB
Water Tower:	44.4 LAeq	87.7 dB
Wilson:	46.5 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	5.6	3.0	4.0
Edwards:	2.4	3.8	6.0	16.5
Hollinger Office:	13.1	22.3	12.2	16.7
Sandy:	0.0	0.0	15.0	23.3

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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:	2.8	6.2
Edwards:	19.3	61.1
Hollinger Office:	29.5	43.3
Sandy:	67.1	124.3

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:	0.3	0.2	0.2
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.7	0.5
Moneta Pumping Station	0.4	0.9	0.7
Sandy:	1.1	0.8	1.5
Water Tower:	0.2	0.2	0.2
Wilson:	1.1	0.8	1.0

