

Hollinger Public Blast Report

Blast Pattern: 3322_090
Date: 18-Jan-21
Blast Time: 11:32
Blast Sign Activation: 7:25
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 23950 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4
Wind Direction: SE
Temperature: -15.4 °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:	53.6 LAeq	113.4 dB
Edwards:	44.2 LAeq	103.1 dB
Fred:	42.6 LAeq	88.4 dB
Hollinger Office:	53.4 LAeq	112.3 dB
Noah:	59.0 LAeq	103.2 dB
Sandy:	42.5 LAeq	101.6 dB
Water Tower:	43.5 LAeq	104.9 dB
Wilson:	45.6 LAeq	97.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	13.5	1.9	3.8
Edwards:	0.8	2.5	8.9	14.2
Hollinger Office:	2.4	3.3	8.7	12.9
Sandy:	6.4	8.3	11.9	19.7

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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:	3.0	6.3
Edwards:	4.5	12.0
Hollinger Office:	6.7	10.5
Sandy:	16.0	32.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	1.1	2.0
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.5	0.5
Moneta Pumping Station:	0.2	0.6	0.2
Sandy:	0.2	0.2	0.3
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.3	0.6