

Hollinger Public Blast Report

Blast Pattern: 3310_080
Date: 14-Dec-21
Blast Time: 13:34
Blast Sign Activation: 7:05
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: 18,044 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9
Wind Direction: S
Temperature: -3.4 °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:	61.4 LAeq	104.8 dB
Edwards:	40.4 LAeq	94.5 dB
Fred:	40.2 LAeq	89.0 dB
Hollinger Office:	53.8 LAeq	109.3 dB
Noah:	56.7 LAeq	100.0 dB
Sandy:	41.7 LAeq	97.8 dB
Water Tower:	47.3 LAeq	107.8 dB
Wilson:	44.5 LAeq	95.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	6.8	5.3	5.8
Edwards:	4.7	4.9	8.0	8.7
Hollinger Office:	10.6	18.9	23.9	52.7
Sandy:	2.1	3.0	6.4	9.2

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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:	3.1	6.7
Edwards:	23.3	25.0
Hollinger Office:	12.5	15.2
Sandy:	1.0	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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