

Hollinger Public Blast Report

Blast Pattern: 3322_046
Date: 17-Feb-21
Blast Time: 13:40
Blast Sign Activation: 7:15
Website Notification Time: 5:09

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: W
Temperature: -9.4 °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:	52.9 LAeq	111.2 dB
Edwards:	48.0 LAeq	107.2 dB
Fred:	43.6 LAeq	104.1 dB
Hollinger Office:	55.1 LAeq	110.8 dB
Noah:	59.1 LAeq	104.9 dB
Sandy:	47.9 LAeq	109.4 dB
Water Tower:	47.8 LAeq	113.8 dB
Wilson:	64.8 LAeq	118.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.4	16.8	4.7	9.3
Edwards:	9.5	22.8	19.1	38.2
Hollinger Office:	24.2	36.6	0.0	0.0
Sandy:	3.6	4.0	7.8	8.9

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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:	2.8	4.9
Edwards:	5.9	8.9
Hollinger Office:	0.0	0.0
Sandy:	1.7	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.2	0.2	0.2
Imerys:	0.6	0.6	0.6
Noah:	0.9	0.6	0.6
Moneta Pumping Station:	0.7	0.9	0.5
Sandy:	1.3	0.9	2.9
Water Tower:	0.4	0.5	0.6
Wilson:	0.9	1.1	1.0