

Hollinger Public Blast Report

Blast Pattern: 3298_005
Date: 8-Feb-21
Blast Time: 11:35
Blast Sign Activation: 7:20
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11
Wind Direction: S
Temperature: -17.1 °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:	50.2 LAeq	103.8 dB
Edwards:	44.7 LAeq	94.6 dB
Fred:	41.9 LAeq	92.4 dB
Hollinger Office:	55.3 LAeq	107.4 dB
Noah:	58.2 LAeq	101.1 dB
Sandy:	43.6 LAeq	109.2 dB
Water Tower:	49.3 LAeq	114.7 dB
Wilson:	45.9 LAeq	107.0 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.3	18.3	2.0	8.0
Edwards:	4.2	6.6	1.4	8.6
Hollinger Office:	19.2	59.2	17.5	58.8
Sandy:	2.5	3.2	5.7	7.4

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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:	2.2	7.0
Edwards:	4.2	7.0
Hollinger Office:	17.4	100.8
Sandy:	3.0	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:			
Imerys:	0.0	0.0	0.0
Noah:	1.0	1.4	0.9
Moneta Pumping Station:	0.5	0.3	0.8
Sandy:	1.8	0.9	1.3
Water Tower:	1.9	2.0	1.2
Wilson:	2.6	2.7	2.7