

Hollinger Public Blast Report

Blast Pattern: 3304_033
Date: 9-Feb-21
Blast Time: 11:40
Blast Sign Activation: 7:11
Website Notification Time: 6:57

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11
Wind Direction: S
Temperature: -14.5 °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:	12.8	14.3	2.3	4.4
Edwards:	3.6	7.6	7.6	12.5
Hollinger Office:	20.9	44.2	12.6	40.3
Sandy:	1.7	2.3	5.3	5.7

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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:	1.2	5.3
Edwards:	1.2	4.0
Hollinger Office:	5.2	9.4
Sandy:	1.9	3.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.5	0.6
Hollinger West:			
Imerys:	0.5	0.7	0.6
Noah:	0.5	0.6	0.6
Moneta Pumping Station:	0.7	0.7	0.7
Sandy:	5.9	2.6	4.3
Water Tower:	0.8	1.3	0.7
Wilson:	1.8	2.3	2.1