

Hollinger Public Blast Report

Blast Pattern: 3322_094, 3310_216/217 PS
Date: 18-Feb-21
Blast Time: 11:38
Blast Sign Activation: 7:16
Website Notification Time: 6:57

Blast Conditions

Ceiling Height: 2774 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 2
Wind Direction: SE
Temperature: -11.2 °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:	52.3 LAeq	115.0 dB
Edwards:	44.4 LAeq	106.2 dB
Fred:	43.1 LAeq	99.4 dB
Hollinger Office:	55.6 LAeq	112.9 dB
Noah:	59.4 LAeq	103.0 dB
Sandy:	45.9 LAeq	102.3 dB
Water Tower:	45.8 LAeq	105.5 dB
Wilson:	50.2 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	27.9	48.6	17.2	34.7
Edwards:	70.2	105.5	75.7	118.6
Hollinger Office:	58.3	188.7	78.6	255.0
Sandy:	15.0	23.2	32.9	66.2

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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:	13.1	19.2
Edwards:	22.3	44.2
Hollinger Office:	16.9	29.8
Sandy:	24.9	37.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.5	2.0	1.8
Edwards:	0.4	0.4	0.5
Hollinger Office:	1.3	1.4	2.5
Hollinger West:	0.2	0.1	0.1
Imerys:	0.7	0.6	1.1
Noah:	0.9	0.7	0.7
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.3	0.2	0.2
Water Tower:	0.3	0.3	0.6
Wilson:	0.9	0.7	1.0