

Hollinger Public Blast Report

Blast Pattern: 3322_072, 3310_222 PS
Date: 22-Mar-21
Blast Time: 15:56
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5947 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 8
Wind Direction: S
Temperature: 12.3 °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:	57.2 LAeq	109.7 dB
Edwards:	54.9 LAeq	106.9 dB
Fred:	46.8 LAeq	99.3 dB
Hollinger Office:	56.7 LAeq	118.4 dB
Noah:	61.5 LAeq	109.9 dB
Sandy:	48.7 LAeq	108.0 dB
Water Tower:	48.8 LAeq	117.1 dB
Wilson:	49.7 LAeq	104.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.2	15.7	13.0	16.9
Edwards:	18.8	23.6	30.1	41.4
Hollinger Office:	26.8	31.7	39.3	49.6
Sandy:	21.3	27.7	27.2	36.5

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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:	1.9	4.5
Edwards:	10.2	15.1
Hollinger Office:	4.9	12.8
Sandy:	2.7	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.5	1.8
Edwards:	0.7	0.8	0.7
Hollinger Office:	1.5	1.1	1.3
Hollinger West:	0.3	0.2	0.4
Imerys:	0.7	0.7	1.0
Noah:	1.7	0.9	1.1
Moneta Pumping Station:	1.3	0.9	1.8
Sandy:	2.1	1.1	1.9
Water Tower:	0.6	0.5	1.0
Wilson:	2.8	0.9	2.9