

Hollinger Public Blast Report

Blast Pattern: 3322_044, 3310_223 PS
Date: 9-Mar-21
Blast Time: 11:33
Blast Sign Activation: 7:08
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
Wind Direction: S
Temperature: 7.4 °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:	51.6 LAeq	103.7 dB
Edwards:	43.2 LAeq	95.4 dB
Fred:	41.9 LAeq	91.1 dB
Hollinger Office:	54.6 LAeq	108.4 dB
Noah:	59.1 LAeq	102.9 dB
Sandy:	44.0 LAeq	108.9 dB
Water Tower:	44.7 LAeq	110.5 dB
Wilson:	51.7 LAeq	94.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	5.7	5.1	5.5
Edwards:	4.9	6.0	9.7	11.8
Hollinger Office:	14.4	17.3	23.1	32.4
Sandy:	2.2	2.3	6.5	7.0

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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:	0.7	1.8
Edwards:	9.9	32.0
Hollinger Office:	19.8	32.8
Sandy:	1.6	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	0.8
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.7	0.9	1.7
Hollinger West:	0.7	0.6	1.1
Imerys:	1.4	0.6	1.8
Noah:	2.0	1.1	1.7
Moneta Pumping Station:	2.2	1.3	1.1
Sandy:	3.7	3.7	4.0
Water Tower:	1.2	0.6	1.5
Wilson:	5.7	2.0	6.1