

Hollinger Public Blast Report

Blast Pattern: 3286_018
Date: 1-Oct-21
Blast Time: 11:35
Blast Sign Activation: 7:50
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 4,265 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11
Wind Direction: S
Temperature: 13.1 °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:	55.6 LAeq	102.8 dB
Edwards:	54.0 LAeq	96.0 dB
Fred:	46.0 LAeq	100.1 dB
Hollinger Office:	63.3 LAeq	103.0 dB
Noah:	63.4 LAeq	105.2 dB
Sandy:	47.5 LAeq	108.0 dB
Water Tower:	52.9 LAeq	112.4 dB
Wilson:	50.8 LAeq	101.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.1	5.1	6.3	7.7
Edwards:	9.4	11.8	10.9	14.8
Hollinger Office:	1.2	1.7	13.5	31.4
Sandy:	6.7	8.7	10.3	13.9

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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:	0.4	0.8
Edwards:	1.6	4.6
Hollinger Office:	6.1	8.6
Sandy:	1.0	1.5

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	0.0	0.1
Hollinger Office:	0.8	0.4	0.7
Hollinger West:	2.1	0.9	1.3
Imerys:	1.9	2.1	1.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	0.9	0.6	0.7
Water Tower:	4.7	3.9	6.0
Wilson:	1.4	1.1	0.9