

Hollinger Public Blast Report

Blast Pattern: 3292_010
Date: 25-May-21
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: SW
Temperature: 19.3 °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:	56.2 LAeq	110.2 dB
Edwards:	50.0 LAeq	107.9 dB
Fred:	47.6 LAeq	103.2 dB
Hollinger Office:	56.1 LAeq	106.9 dB
Noah:	60.1 LAeq	101.6 dB
Sandy:	49.0 LAeq	109.4 dB
Water Tower:	53.7 LAeq	112.1 dB
Wilson:	50.0 LAeq	103.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.2	3.9	41.6	43.4
Edwards:	8.6	9.3	19.0	21.7
Hollinger Office:	13.9	15.2	22.3	25.1
Sandy:	8.9	9.7	18.8	22.5

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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:	0.5	1.0
Edwards:	2.6	12.0
Hollinger Office:	2.5	4.2
Sandy:	1.4	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	2.1	1.0	1.2
Imerys:	0.1	0.0	0.0
Noah:	0.7	1.0	0.8
Moneta Pumping Station:	0.7	0.3	0.4
Sandy:	1.0	0.4	0.8
Water Tower:	1.9	2.1	4.0
Wilson:	1.2	1.6	1.4