

Hollinger Public Blast Report

Blast Pattern: 3298_024, 3304_038B
Date: 14-Apr-21
Blast Time: 11:40
Blast Sign Activation: 7:00
Website Notification Time: 7:13

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4
Wind Direction: N
Temperature: 9.8 °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:	54.9 LAeq	102.3 dB
Edwards:	44.4 LAeq	93.5 dB
Fred:	43.0 LAeq	94.2 dB
Hollinger Office:	57.6 LAeq	105.0 dB
Noah:	59.4 LAeq	99.6 dB
Sandy:	46.2 LAeq	110.7 dB
Water Tower:	54.6 LAeq	110.5 dB
Wilson:	49.1 LAeq	102.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	9.0	14.7	15.2
Edwards:	4.6	5.5	16.6	20.1
Hollinger Office:	6.7	9.9	30.9	63.4
Sandy:	5.1	5.8	22.2	24.1

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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:	4.3	8.1
Edwards:	4.4	7.1
Hollinger Office:	3.2	4.0
Sandy:	1.8	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	1.3	0.5	1.4
Imerys:	0.8	0.4	0.6
Noah:	0.6	0.6	0.6
Moneta Pumping Station:	1.1	0.7	1.0
Sandy:	4.2	3.7	3.6
Water Tower:	1.2	0.8	1.8
Wilson:	2.0	1.3	1.7