

Hollinger Public Blast Report

Blast Pattern: 3322_027
Date: 24-Apr-20
Blast Time: 11:37
Blast Sign Activation: 7:50
Website Notification Time: 7:34

Blast Conditions

Ceiling Height: 15092 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 0 km/hr
Wind Direction: N
Temperature: 5.6 °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:	51.0 LAeq	102.3 dB
Edwards:	40.5 LAeq	96.4 dB
Fred:	37.6 LAeq	89.8 dB
Hollinger Office:	54.0 LAeq	106.8 dB
Noah:	60.2 LAeq	103.9 dB
Sandy:	39.2 LAeq	109.5 dB
Water Tower:	51.1 LAeq	113.9 dB
Wilson:	42.7 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	12.1	9.6	12.1
Edwards:	14.0	17.5	16.5	25.3
Hollinger Office:	17.7	35.1	24.7	48.2
Sandy:	10.9	15.5	17.6	29.1

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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:	1.9	2.8
Edwards:	2.5	5.0
Hollinger Office:	7.3	16.7
Sandy:	16.2	37.1

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:	0.0	0.0	0.0
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	5.8	2.4	3.4
Imerys:	1.5	1.5	1.2
Noah:	1.6	0.9	1.0
Moneta Pumping Station:	0.4	0.5	0.6
Sandy:	1.1	0.5	0.9
Water Tower:	2.2	2.3	3.6
Wilson:	2.6	2.5	2.6