

Hollinger Public Blast Report

Blast Pattern: 3316_011
Date: 30-Jun-20
Blast Time: 11:37
Blast Sign Activation: 7:55
Website Notification Time: 7:47

Blast Conditions

Ceiling Height: 21982 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 28.3 °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:	55.4 LAeq	99.2 dB
Edwards:	46.9 LAeq	93.6 dB
Fred:	44.6 LAeq	97.3 dB
Hollinger Office:	57.1 LAeq	100.6 dB
Noah:	62.7 LAeq	101.6 dB
Sandy:	45.9 LAeq	107.5 dB
Water Tower:	57.7 LAeq	109.3 dB
Wilson:	50.3 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.4	20.2	32.9	36.9
Edwards:	6.4	7.8	21.4	24.0
Hollinger Office:	15.1	15.7	31.1	36.3
Sandy:	9.9	13.8	16.9	23.0

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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:	0.3	1.0
Edwards:	0.0	0.0
Hollinger Office:	1.0	1.5
Sandy:	0.4	2.4

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:	0.6	0.3	0.4
Hollinger West:	3.7	1.3	1.9
Imerys:	1.5	1.9	1.6
Noah:	1.8	1.0	2.0
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.2	0.5	0.7
Water Tower:	5.5	3.3	4.9
Wilson:	1.7	1.5	2.0