

Hollinger Public Blast Report

Blast Pattern: 3328_131
Date: 18-Apr-20
Blast Time: 11:31
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 22 km/hr
Wind Direction: SW
Temperature: 6.4 °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:	53.0 LAeq	115.9 dB
Edwards:	51.0 LAeq	112.3 dB
Fred:	49.2 LAeq	107.6 dB
Hollinger Office:	58.1 LAeq	119.1 dB
Noah:	59.9 LAeq	118.6 dB
Sandy:	50.2 LAeq	112.4 dB
Water Tower:	60.8 LAeq	119.4 dB
Wilson:	51.0 LAeq	112.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.2	17.6	15.8	20.9
Edwards:	73.2	265.4	98.7	535.8
Hollinger Office:	31.3	87.8	43.5	145.1
Sandy:	14.8	37.8	26.2	82.5

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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:	0.7	1.9
Edwards:	2.0	4.7
Hollinger Office:	2.3	5.9
Sandy:	1.2	1.4

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:	0.0	0.0	0.0
Hollinger Office:	1.2	0.4	1.0
Hollinger West:	0.2	0.1	0.4
Imerys:	1.1	1.1	1.5
Noah:	0.8	0.5	0.8
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.3
Water Tower:	1.8	1.2	1.3
Wilson:	0.5	0.3	0.4