

Hollinger Public Blast Report



Blast Pattern: 3334_060
Date: 8-Jun-19
Blast Time: 15:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: SW
Temperature: 29.3 °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:	53.4 LAeq	104.2 dB
Edwards:	53.0 LAeq	98.1 dB
Fred:	42.4 LAeq	111.0 dB
Hollinger Office:	55.3 LAeq	105.1 dB
Noah:	60.9 LAeq	105.5 dB
Sandy:	45.5 LAeq	90.3 dB
Water Tower:	48.2 LAeq	112.6 dB
Wilson:	49.7 LAeq	106.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.0	19.2	16.7	19.4
Edwards:	48.9	74.9	37.5	84.4
Hollinger Office:	64.1	188.6	69.4	318.5
Sandy:	34.4	38.1	22.8	23.8

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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:	1.0	2.9
Edwards:	3.3	8.5
Hollinger Office:	6.7	14.3
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	1.4	1.9	1.4
Imerys:	0.4	0.3	0.5
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.5	0.7	0.5
Sandy:	2.7	1.4	2.6
Water Tower:	0.8	1.0	0.8
Wilson:	2.2	2.4	2.9