

Hollinger Public Blast Report



Blast Pattern: 3352_168/170, 3340_112
Date: 2-Jul-19
Blast Time: 11:44
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: W
Temperature: 25.5 °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:	53.2 LAeq	116.1 dB
Edwards:	51.9 LAeq	104.5 dB
Fred:	44.1 LAeq	96.1 dB
Hollinger Office:	54.3 LAeq	112.7 dB
Noah:	60.6 LAeq	101.5 dB
Sandy:	41.7 LAeq	101.2 dB
Water Tower:	47.2 LAeq	107.5 dB
Wilson:	50.9 LAeq	103.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.5	10.8	14.3	16.8
Edwards:	28.1	114.5	73.2	553.5
Hollinger Office:	19.4	46.8	35.1	103.5
Sandy:	12.0	26.6	20.5	41.5

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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:	0.3	0.9
Edwards:	0.0	0.0
Hollinger Office:	2.0	2.8
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.3	1.6	1.9
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.7	0.4	0.8
Hollinger West:	0.1	0.1	0.1
Imerys:	0.4	0.2	0.5
Noah:	0.9	0.7	0.6
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.2
Water Tower:	0.4	0.1	0.2
Wilson:	1.5	0.5	1.1