

Hollinger Public Blast Report



Blast Pattern: 3352_131
Date: 8-Jul-18
Blast Time: 11:41
Blast Sign Activation: 7:30
Website Notification Time: 7:44

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: SW
Temperature: 26.6 °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:	55.9 LAeq	113.3 dB
Edwards:	54.7 LAeq	114.7 dB
Fred:	50.2 LAeq	111.6 dB
Hollinger Office:	57.2 LAeq	112.7 dB
Noah:	61.1 LAeq	115.7 dB
Sandy:	53.7 LAeq	120.5 dB
Water Tower:	54.1 LAeq	120.4 dB
Wilson:	50.9 LAeq	112.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	11.0	17.1	22.6
Edwards:	46.2	130.7	63.0	140.4
Hollinger Office:	21.0	28.4	14.1	29.6
Sandy:	7.7	11.6	54.7	61.8

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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:	1.4	2.1
Edwards:	3.4	4.7
Hollinger Office:	4.6	6.4
Sandy:	0.9	1.1

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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.5	0.3	0.6
Imerys:	0.4	0.3	0.4
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.9	0.4	0.8
Sandy:	4.2	1.8	4.1
Water Tower:	1.6	0.6	0.9
Wilson:	1.1	1.4	1.5