

Hollinger Public Blast Report



Blast Pattern: 3352_130, 3370_180Knob
Date: 4-Apr-18
Blast Time: 11:46
Blast Sign Activation: 7:42
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 8000 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 30 km/hr
Wind Direction: N
Temperature: -11 °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:	57.2 LAeq	112.2 dB
Edwards:	54.4 LAeq	113.9 dB
Fred:	55.9 LAeq	118.0 dB
Hollinger Office:	56.6 LAeq	116.7 dB
Noah:	62.5 LAeq	116.3 dB
Sandy:	55.0 LAeq	121.9 dB
Water Tower:	54.6 LAeq	116.7 dB
Wilson:	59.7 LAeq	118.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.1	35.1	21.6	32.6
Edwards:	43.6	76.1	48.9	90.2
Hollinger Office:	111.3	184.8	101.9	161.8
Sandy:	113.1	218.9	79.3	175.9

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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:	0.9	1.1
Edwards:	1.2	1.9
Hollinger Office:	4.7	10.1
Sandy:	3.7	4.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.2	0.1
Hollinger Office:	1.2	1.6	1.1
Hollinger West:	0.3	0.3	0.2
Imerys:	1.9	3.4	1.5
Noah:	1.8	1.7	1.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.3	0.1	0.3
Water Tower:	1.5	1.7	1.6
Wilson:	0.4	0.6	0.4