

Hollinger Public Blast Report



Blast Pattern: 3328_059/ Misshole 43
Date: 8-Oct-19
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 10.3 °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:	53.7 LAeq	106.2 dB
Edwards:	48.6 LAeq	102.0 dB
Fred:	42.5 LAeq	95.5 dB
Hollinger Office:	54.6 LAeq	109.4 dB
Noah:	71.3 LAeq	111.9 dB
Sandy:	46.7 LAeq	113.0 dB
Water Tower:	48.9 LAeq	113.2 dB
Wilson:	49.4 LAeq	110.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	22.9	23.1	0.6	1.4
Edwards:	5.5	6.0	6.0	6.9
Hollinger Office:	2.6	3.2	4.9	5.9
Sandy:	2.5	3.9	7.1	9.0

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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:	0.4	1.2
Edwards:	1.3	2.0
Hollinger Office:	1.5	4.1
Sandy:	1.5	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.8	0.4	0.7
Imerys:	0.9	0.8	1.2
Noah:	3.5	3.9	4.5
Moneta Pumping Station:	1.3	0.5	1.2
Sandy:	4.3	2.5	2.7
Water Tower:	1.6	0.8	1.7
Wilson:	1.9	1.4	2.2