

Hollinger Public Blast Report



Blast Pattern: Overhang Remediation
Date: 10-Aug-19
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: W
Temperature: 16.6 °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:	53.5 LAeq	115.6 dB
Edwards:	48.4 LAeq	108.1 dB
Fred:	44.5 LAeq	112.5 dB
Hollinger Office:	55.3 LAeq	124.8 dB
Noah:	59.7 LAeq	113.3 dB
Sandy:	44.6 LAeq	108.0 dB
Water Tower:	48.9 LAeq	118.4 dB
Wilson:	47.8 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.2	7.7	1.3	1.6
Edwards:	9.1	18.3	8.3	36.1
Hollinger Office:	5.6	6.3	6.9	10.4
Sandy:	3.3	6.1	5.1	11.1

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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:	0.1	0.3
Edwards:	1.1	2.0
Hollinger Office:	1.5	2.5
Sandy:	2.3	5.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.2	0.4
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.4	0.2	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.1	0.1	0.2
Wilson:	0.4	0.4	0.5