

Hollinger Public Blast Report



Blast Pattern: 3340_116, 3310_001
Date: 23-Sep-19
Blast Time: 11:51
Blast Sign Activation: 8:00
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 2100 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: NE
Temperature: 15.3 °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:	56.5 LAeq	104.8 dB
Edwards:	48.7 LAeq	97.3 dB
Fred:	44.2 LAeq	93.3 dB
Hollinger Office:	57.1 LAeq	108.6 dB
Noah:	64.4 LAeq	106.3 dB
Sandy:	41.2 LAeq	102.5 dB
Water Tower:	51.0 LAeq	103.7 dB
Wilson:	48.1 LAeq	97.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.5	25.9	6.7	7.7
Edwards:	8.2	8.9	10.5	12.1
Hollinger Office:	7.1	7.7	12.3	13.9
Sandy:	7.5	23.6	13.6	27.0

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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:	0.2	0.4
Edwards:	2.3	3.2
Hollinger Office:	3.9	9.0
Sandy:	8.3	22.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	0.9
Edwards:	0.4	0.4	0.6
Hollinger Office:	0.7	0.7	1.2
Hollinger West:	0.5	0.4	0.5
Imerys:	0.7	1.1	1.3
Noah:	1.0	0.8	1.1
Moneta Pumping Station:	1.6	1.5	1.1
Sandy:	2.8	2.3	2.1
Water Tower:	1.0	0.8	1.5
Wilson:	2.7	1.4	3.9