

Hollinger Public Blast Report



Blast Pattern: 3340_120, 3340_130
Date: 20-Oct-19
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 8.9 °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:	54.1 LAeq	111.1 dB
Edwards:	47.1 LAeq	101.4 dB
Fred:	42.2 LAeq	97.2 dB
Hollinger Office:	53.4 LAeq	116.0 dB
Noah:	59.5 LAeq	105.2 dB
Sandy:	44.3 LAeq	102.2 dB
Water Tower:	48.9 LAeq	111.6 dB
Wilson:	48.6 LAeq	102.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	35.5	36.2	8.4	9.2
Edwards:	7.0	7.5	25.1	26.3
Hollinger Office:	22.3	23.8	24.0	24.5
Sandy:	18.6	20.5	21.5	23.1

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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:	2.2	5.9
Edwards:	2.4	5.0
Hollinger Office:	7.1	19.7
Sandy:	3.2	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.7	1.4	2.0
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.6	0.2	0.3
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.2	0.5