

Hollinger Public Blast Report

Blast Pattern: 3316_027
Date: 19-Aug-20
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 200 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 14.8 °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:	55.4 LAeq	104.1 dB
Edwards:	54.4 LAeq	91.6 dB
Fred:	44.1 LAeq	94.3 dB
Hollinger Office:	55.7 LAeq	103.3 dB
Noah:	61.1 LAeq	102.4 dB
Sandy:	47.7 LAeq	104.4 dB
Water Tower:	47.1 LAeq	109.6 dB
Wilson:	50.4 LAeq	102.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.3	13.5	6.0	7.6
Edwards:	2.2	2.7	19.0	23.5
Hollinger Office:	9.2	9.8	15.2	18.1
Sandy:	5.8	8.9	8.1	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:	0.9	2.0
Edwards:	2.4	4.8
Hollinger Office:	0.7	1.1
Sandy:	1.3	2.7

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	0.0	0.1
Hollinger Office:	0.7	0.5	0.8
Hollinger West:	0.8	0.3	1.0
Imerys:	1.6	1.5	1.8
Noah:	1.8	1.0	1.1
Moneta Pumping Station:	0.5	0.7	0.5
Sandy:	0.8	0.5	0.7
Water Tower:	2.9	2.1	3.7
Wilson:	1.4	1.2	1.0