

Hollinger Public Blast Report

Blast Pattern: 3322_054, 3292_204PS
Date: 4-Dec-20
Blast Time: 11:36
Blast Sign Activation: N/A
Website Notification Time: 7:44

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: -7.5 °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:	57.2 LAeq	106.1 dB
Edwards:	49.7 LAeq	96.9 dB
Fred:	45.4 LAeq	101.9 dB
Hollinger Office:	57.1 LAeq	109.9 dB
Noah:	61.1 LAeq	103.2 dB
Sandy:	52.1 LAeq	111.6 dB
Water Tower:	47.8 LAeq	112.0 dB
Wilson:	48.5 LAeq	109.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.3	2.1	2.5
Edwards:	3.3	3.7	7.2	7.9
Hollinger Office:	2.0	2.5	5.1	6.0
Sandy:	9.5	14.9	8.7	16.4

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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	0.5
Edwards:	1.2	1.4
Hollinger Office:	5.5	11.3
Sandy:	5.4	7.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.1	0.2	0.1
Hollinger Office:	0.8	0.4	0.9
Hollinger West:	2.0	1.9	2.8
Imerys:	1.7	1.5	1.6
Noah:	1.3	1.7	1.8
Moneta Pumping Station:	0.5	0.4	0.6
Sandy:	0.8	0.6	0.8
Water Tower:	1.4	1.3	2.3
Wilson:	3.3	1.6	3.0