

Hollinger Public Blast Report

Blast Pattern: 3322_030
Date: 7-Jun-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1689 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: N
Temperature: 70 °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:	54.4 LAeq	102.1 dB
Edwards:	47.4 LAeq	96.1 dB
Fred:	47.7 LAeq	95.9 dB
Hollinger Office:	54.1 LAeq	105.3 dB
Noah:	58.9 LAeq	104.2 dB
Sandy:	44.3 LAeq	113.7 dB
Water Tower:	47.0 LAeq	112.0 dB
Wilson:	47.0 LAeq	112.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.0	8.2	13.1	13.4
Edwards:	2.9	3.1	7.1	10.4
Hollinger Office:	4.5	4.8	9.4	11.6
Sandy:	10.5	18.3	8.4	15.2

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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:	0.0	0.0
Edwards:	0.6	1.1
Hollinger Office:	1.5	3.7
Sandy:	3.4	12.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.6	0.4	0.4
Hollinger West:	2.6	2.8	1.9
Imerys:	1.8	2.2	2.5
Noah:	0.7	0.7	0.6
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	0.9	0.3	0.9
Water Tower:	3.1	3.4	4.6
Wilson:	1.2	1.0	1.1