

Hollinger Public Blast Report

Blast Pattern: 3238_063/3244_201PS
Date: 5-Dec-24
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	400	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast
Wind Speed:	46	km/h
Wind Direction:	N	
Temperature:	-8.1	°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:	56.6 LAeq	114.8 dB
Edwards:	51.1 LAeq	107.5 dB
Fred:	60.0 LAeq	115.8 dB
Hollinger Office:	57.9 LAeq	117.1 dB
Sandy:	50.3 LAeq	119.4 dB
Water Tower:	61.7 LAeq	114.8 dB
Wilson:	57.0 LAeq	114.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.6	9.3	3.0	4.7
Edwards:	15.7	18.8	8.3	10.8
Hollinger Office:	2.6	5.2	5.3	15.6
Sandy:	10.4	16.0	8.5	17.3

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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	1.2
Edwards:	2.5	6.9
Hollinger Office:	1.1	1.6
Sandy:	5.1	24.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	1.0
Edwards:	0.2	0.1	0.4
Hollinger Office:	0.5	0.3	0.8
Hollinger West:	0.5	0.2	0.3
Imerys:	0.5	0.3	0.8
Moneta Pumping Station	0.6	0.4	0.4
Sandy:	0.6	0.4	0.7
Water Tower:	0.4	0.3	0.3
Wilson:	1.2	0.4	0.9

