

Hollinger Public Blast Report

Blast Pattern: 3310_042
Date: 21-Oct-20
Blast Time: 11:40
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	656	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/hr
Wind Direction:	E	
Temperature:	0.7	°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:	56.3 LAeq	101.2 dB
Edwards:	48.5 LAeq	96.7 dB
Fred:	41.8 LAeq	87.8 dB
Hollinger Office:	58.2 LAeq	104.7 dB
Noah:	64.0 LAeq	107.0 dB
Sandy:	44.0 LAeq	108.2 dB
Water Tower:	50.3 LAeq	113.1 dB
Wilson:	50.3 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.0	6.2	0.0	0.0
Edwards:	0.0	0.4	2.6	4.3
Hollinger Office:	1.5	2.2	5.3	7.3
Sandy:	1.7	2.6	3.1	5.0

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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:	1.2	1.5
Edwards:	1.5	1.9
Hollinger Office:	5.1	17.1
Sandy:	13.0	45.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.7	0.5	0.7
Hollinger West:	1.4	0.4	1.2
Imerys:	1.3	1.0	1.6
Noah:	1.0	0.9	1.3
Moneta Pumping Station:	1.0	0.4	0.7
Sandy:	1.5	1.1	1.2
Water Tower:	2.0	1.0	2.2
Wilson:	1.4	1.3	2.0