

Hollinger Public Blast Report

Blast Pattern: 3286_016
Date: 22-Sep-21
Blast Time: 11:35
Blast Sign Activation: 7:36
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	1,640	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	15	
Wind Direction:	N	
Temperature:	6.3	°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:	58.2 LAeq	96.3 dB
Edwards:	51.5 LAeq	94.6 dB
Fred:	47.8 LAeq	100.9 dB
Hollinger Office:	63.4 LAeq	112.0 dB
Noah:	62.4 LAeq	102.8 dB
Sandy:	48.3 LAeq	107.3 dB
Water Tower:	53.9 LAeq	108.9 dB
Wilson:	51.7 LAeq	110.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.0	0.0	2.5	3.3
Edwards:	1.9	2.5	1.9	2.7
Hollinger Office:	3.5	3.8	5.3	9.7
Sandy:	1.7	4.1	2.6	6.0

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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:	0.4	0.6
Edwards:	0.1	0.4
Hollinger Office:	7.7	12.1
Sandy:	1.7	5.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.6	0.5	0.7
Hollinger West:	3.4	1.2	3.1
Imerys:	2.1	1.8	1.9
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.7	0.4	0.5
Water Tower:	5.8	3.3	7.0
Wilson:	1.1	1.3	1.1