

Hollinger Public Blast Report

Blast Pattern: 3280_009
Date: 26-Oct-21
Blast Time: 11:38
Blast Sign Activation: 7:18
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 19
Wind Direction: n/a
Temperature: 2.8 °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:	59.0 LAeq	101.5 dB
Edwards:	51.1 LAeq	105.9 dB
Fred:	47.0 LAeq	104.3 dB
Hollinger Office:	59.5 LAeq	106.7 dB
Noah:	63.4 LAeq	106.7 dB
Sandy:	45.4 LAeq	108.7 dB
Water Tower:	0.0 LAeq	0.0 dB
Wilson:	50.8 LAeq	110.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.5	1.6	2.1	2.5
Edwards:	1.6	2.7	3.6	5.3
Hollinger Office:	6.3	6.9	6.0	10.0
Sandy:	3.5	3.8	3.7	4.6

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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:	0.9	1.1
Edwards:	10.8	11.4
Hollinger Office:	5.4	7.2
Sandy:	2.0	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	1.7	0.7	1.7
Imerys:	2.0	1.2	1.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	0.0	0.0	0.0
Water Tower:	3.1	1.4	3.3
Wilson:	2.4	1.5	1.9