

Hollinger Public Blast Report

Blast Pattern: 3280_008
Date: 27-Nov-21
Blast Time: 11:35
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 656 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 6
 Wind Direction: W
 Temperature: -13.6 °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:	52.0 LAeq	97.5 dB
Edwards:	42.5 LAeq	88.7 dB
Fred:	40.1 LAeq	88.2 dB
Hollinger Office:	53.8 LAeq	104.1 dB
Noah:	56.9 LAeq	98.3 dB
Sandy:	41.5 LAeq	107.6 dB
Water Tower:	46.9 LAeq	109.9 dB
Wilson:	53.4 LAeq	103.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.4	6.9	4.4	6.3
Edwards:	3.5	5.4	10.9	16.5
Hollinger Office:	5.5	6.6	7.5	12.3
Sandy:	2.1	2.4	6.1	6.9

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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:	2.5	4.0
Edwards:	14.8	16.3
Hollinger Office:	8.2	10.3
Sandy:	2.8	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.8	0.6	0.7
Imerys:	0.8	0.7	0.5
Noah:	1.3	1.1	0.8
Moneta Pumping Station:	0.9	0.5	1.0
Sandy:	2.6	2.1	3.4
Water Tower:	1.6	1.2	2.4
Wilson:	1.6	1.3	1.7