

Hollinger Public Blast Report

Blast Pattern: 3298_070
Date: 16-Oct-22
Blast Time: 15:39
Blast Sign Activation: 7:25
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 1,640 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 9 km/hr
 Wind Direction: W
 Temperature: 6.5 °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:	55.3 LAeq	114.3 dB
Edwards:	49.1 LAeq	105.0 dB
Fred:	42.0 LAeq	97.2 dB
Hollinger Office:	54.4 LAeq	116.8 dB
Noah:	58.9 LAeq	105.1 dB
Sandy:	LAeq	dB
Water Tower:	45.2 LAeq	117.8 dB
Wilson:	43.7 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.2	4.4	5.5
Edwards:	10.0	13.2	11.1	18.8
Hollinger Office:	8.7	12.4	11.9	15.4
Sandy:	2.4	3.4	5.9	7.0

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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:	1.1	2.3
Edwards:	3.8	11.2
Hollinger Office:	3.0	4.1
Sandy:	0.4	0.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.5
Edwards:	0.3	0.2	0.5
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.3	0.1	0.2
Imerys:	0.4	0.2	0.2
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.5	0.3	0.6
Sandy:	4.3	0.5	1.5
Water Tower:	0.3	0.2	0.3
Wilson:	0.7	0.5	0.7

