

Hollinger Public Blast Report

Blast Pattern: 3292_005
Date: 17-May-21
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5577 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 9
Wind Direction: SW
Temperature: 13.1 °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:	58.3 LAeq	108.3 dB
Edwards:	52.2 LAeq	105.9 dB
Fred:	49.6 LAeq	93.8 dB
Hollinger Office:	58.1 LAeq	105.5 dB
Noah:	63.4 LAeq	102.9 dB
Sandy:	49.7 LAeq	110.2 dB
Water Tower:	51.8 LAeq	109.9 dB
Wilson:	50.4 LAeq	104.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.5	12.3	14.5	15.6
Edwards:	20.4	22.6	14.9	21.0
Hollinger Office:	24.0	30.0	25.3	40.5
Sandy:	13.0	14.3	13.1	14.6

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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:	2.7	5.5
Edwards:	8.0	14.8
Hollinger Office:	9.7	41.5
Sandy:	2.4	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.2	0.5
Hollinger West:	6.7	2.1	4.3
Imerys:	0.7	0.2	0.0
Noah:	1.7	1.2	1.0
Moneta Pumping Station:	0.7	0.4	0.6
Sandy:	1.3	0.6	1.1
Water Tower:	3.7	2.5	4.4
Wilson:	2.0	3.1	3.3