

Hollinger Public Blast Report

Blast Pattern: 3316_039B/040
Date: 20-Aug-20
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 6499 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 9 km/hr
Wind Direction: SSE
Temperature: 15.9 °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	103.8 dB
Edwards:	46.1 LAeq	97.6 dB
Fred:	43.4 LAeq	89.7 dB
Hollinger Office:	56.6 LAeq	103.3 dB
Noah:	61.3 LAeq	98.4 dB
Sandy:	48.7 LAeq	107.2 dB
Water Tower:	52.3 LAeq	110.4 dB
Wilson:	51.9 LAeq	102.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.2	16.5	14.3	15.4
Edwards:	2.0	2.2	21.4	22.0
Hollinger Office:	16.2	16.6	18.1	19.4
Sandy:	2.0	2.2	11.8	13.6

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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	3.6
Edwards:	1.2	2.2
Hollinger Office:	2.2	6.8
Sandy:	1.1	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	1.3	1.0	1.4
Imerys:	1.3	1.9	1.9
Noah:	0.8	1.2	0.9
Moneta Pumping Station:	0.4	1.1	0.3
Sandy:	0.5	0.3	0.4
Water Tower:	4.3	3.2	4.6
Wilson:	0.8	0.9	1.3