

Hollinger Public Blast Report

Blast Pattern: 3334_132
Date: 27-Apr-20
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SE
Temperature: 6.6 °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:	51.9 LAeq	108.3 dB
Edwards:	53.2 LAeq	100.3 dB
Fred:	39.1 LAeq	95.7 dB
Hollinger Office:	54.4 LAeq	112.9 dB
Noah:	59.0 LAeq	103.0 dB
Sandy:	40.5 LAeq	100.4 dB
Water Tower:	48.4 LAeq	110.6 dB
Wilson:	49.7 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	11.8	8.0	11.1
Edwards:	8.4	10.2	18.6	26.9
Hollinger Office:	2.3	2.9	17.4	27.5
Sandy:	4.7	8.7	9.8	18.4

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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:	0.4	0.9
Edwards:	1.1	1.6
Hollinger Office:	1.4	1.7
Sandy:	2.4	9.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.8	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.8	0.6	1.6
Hollinger West:	0.1	0.1	0.1
Imerys:	0.8	0.3	0.8
Noah:	0.9	0.6	0.8
Moneta Pumping Station:	0.1	0.0	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.3	0.1	0.3
Wilson:	0.6	0.3	0.6