

Hollinger Public Blast Report

Blast Pattern: 3322_015
Date: 24-Mar-20
Blast Time: 11:36
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: 9 km/hr
Wind Direction: S
Temperature: 3.4 °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:	49.5 LAeq	113.3 dB
Edwards:	44.0 LAeq	101.2 dB
Fred:	39.0 LAeq	87.7 dB
Hollinger Office:	51.9 LAeq	109.4 dB
Noah:	57.5 LAeq	100.3 dB
Sandy:	54.9 LAeq	104.2 dB
Water Tower:	48.6 LAeq	110.2 dB
Wilson:	44.9 LAeq	102.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	13.0	10.4	11.6
Edwards:	4.7	5.3	18.7	23.5
Hollinger Office:	14.0	16.8	26.0	35.2
Sandy:	4.4	5.0	12.6	13.9

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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:	5.5	8.9
Edwards:	7.4	12.3
Hollinger Office:	17.9	28.7
Sandy:	4.2	7.9

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:	0.0	0.0	0.0
Hollinger Office:	0.7	0.1	0.1
Hollinger West:	0.8	0.6	1.1
Imerys:	0.1	0.2	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	2.5	1.0	2.3
Water Tower:	0.4	0.8	0.2
Wilson:	2.0	1.1	1.9