

Hollinger Public Blast Report

Blast Pattern: 3322_068
Date: 21-Mar-21
Blast Time: 11:33
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: 23
Wind Direction: SW
Temperature: 10.2 °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:	54.5 LAeq	108.5 dB
Edwards:	49.5 LAeq	111.7 dB
Fred:	47.4 LAeq	113.2 dB
Hollinger Office:	54.9 LAeq	115.6 dB
Noah:	58.3 LAeq	109.4 dB
Sandy:	48.6 LAeq	107.8 dB
Water Tower:	54.9 LAeq	112.6 dB
Wilson:	49.7 LAeq	109.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.3	17.9	13.3	16.0
Edwards:	16.9	18.7	22.2	25.0
Hollinger Office:	15.5	16.3	27.0	31.2
Sandy:	12.5	15.7	18.3	21.6

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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:	1.5	2.5
Edwards:	4.7	22.6
Hollinger Office:	2.6	4.8
Sandy:	2.0	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.2	0.6
Noah:	0.4	0.4	0.6
Moneta Pumping Station:	0.7	0.5	0.7
Sandy:	1.4	0.6	1.1
Water Tower:	0.2	0.2	0.2
Wilson:	0.9	1.0	0.8