

Hollinger Public Blast Report

Blast Pattern: 3322_037
Date: 7-Aug-20
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: 15 km/hr
Wind Direction: SW
Temperature: 25.4 °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:	55.7 LAeq	103.5 dB
Edwards:	55.6 LAeq	99.4 dB
Fred:	46.4 LAeq	102.5 dB
Hollinger Office:	57.7 LAeq	105.4 dB
Noah:	61.3 LAeq	99.1 dB
Sandy:	53.0 LAeq	103.2 dB
Water Tower:	52.5 LAeq	107.9 dB
Wilson:	51.2 LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.4	20.7	19.9	21.4
Edwards:	9.2	12.6	37.6	49.6
Hollinger Office:	29.3	49.5	59.1	114.7
Sandy:	11.1	15.1	20.4	25.4

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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:	0.1	0.6
Edwards:	2.2	5.4
Hollinger Office:	2.3	2.9
Sandy:	1.4	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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