

Hollinger Public Blast Report

Blast Pattern: 3322_085
Date: 16-Mar-21
Blast Time: 11:41
Blast Sign Activation: 7:27
Website Notification Time: 7:13

Blast Conditions

Ceiling Height: 34934 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: SW
Temperature: 1.8 °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:	53.2 LAeq	109.6 dB
Edwards:	50.8 LAeq	95.4 dB
Fred:	40.5 LAeq	96.7 dB
Hollinger Office:	56.2 LAeq	114.8 dB
Noah:	60.7 LAeq	103.2 dB
Sandy:	45.6 LAeq	102.9 dB
Water Tower:	45.4 LAeq	108.9 dB
Wilson:	44.9 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.4	41.0	16.2	38.8
Edwards:	35.0	47.6	40.4	64.4
Hollinger Office:	30.9	48.5	42.3	69.5
Sandy:	16.9	22.3	21.8	31.1

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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:	2.5	4.9
Edwards:	3.7	6.7
Hollinger Office:	6.8	10.1
Sandy:	1.8	2.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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