

Hollinger Public Blast Report

Blast Pattern: 3316_058
Date: 21-May-21
Blast Time: 11:41
Blast Sign Activation: 7:15
Website Notification Time: 7:09

Blast Conditions

Ceiling Height: 8858 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: SW
Temperature: 25.8 °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:	56.0 LAeq	109.3 dB
Edwards:	52.0 LAeq	110.0 dB
Fred:	46.6 LAeq	105.9 dB
Hollinger Office:	57.7 LAeq	110.3 dB
Noah:	61.8 LAeq	108.7 dB
Sandy:	48.8 LAeq	112.3 dB
Water Tower:	61.0 LAeq	113.5 dB
Wilson:	49.4 LAeq	108.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	7.6	42.1	44.1
Edwards:	19.0	20.6	30.6	36.1
Hollinger Office:	22.8	27.0	50.7	60.5
Sandy:	15.9	17.0	25.3	28.4

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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:	1.3	2.3
Edwards:	5.0	10.2
Hollinger Office:	10.0	13.6
Sandy:	1.6	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.4	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.1	0.6	1.2
Hollinger West:	0.3	0.3	0.2
Imerys:	1.4	0.5	0.0
Noah:	1.5	0.8	1.3
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.4	0.1	0.3
Water Tower:	1.1	0.6	1.2
Wilson:	0.8	0.9	1.0