

Hollinger Public Blast Report

Blast Pattern: 3316_037, 3310_211PS, 3322 Knob
Date: 31-Jul-20
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 4900 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: NE
Temperature: 19.1 °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:	57.1 LAeq	102.6 dB
Edwards:	49.7 LAeq	96.4 dB
Fred:	44.4 LAeq	95.0 dB
Hollinger Office:	57.8 LAeq	107.2 dB
Noah:	63.7 LAeq	105.0 dB
Sandy:	49.7 LAeq	104.2 dB
Water Tower:	48.3 LAeq	116.8 dB
Wilson:	48.5 LAeq	105.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.8	19.0	17.6	19.4
Edwards:	7.0	9.5	26.7	32.4
Hollinger Office:	14.1	21.1	29.0	57.7
Sandy:	6.2	8.3	13.6	18.0

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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:	0.7	1.9
Edwards:	1.7	2.7
Hollinger Office:	1.3	3.2
Sandy:	2.6	5.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.6	0.2	0.5
Hollinger West:	0.7	0.4	0.6
Imerys:	0.6	0.6	0.4
Noah:	0.3	0.8	0.4
Moneta Pumping Station:	0.8	0.6	0.6
Sandy:	5.2	2.3	3.6
Water Tower:	1.0	0.9	1.5
Wilson:	0.7	0.9	0.8