

Hollinger Public Blast Report

Blast Pattern: 3328_128
Date: 15-Dec-20
Blast Time: 11:43
Blast Sign Activation: 7:50
Website Notification Time: 7:41

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: W
Temperature: -22.1 °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:	54.8 LAeq	109.8 dB
Edwards:	49.4 LAeq	100.4 dB
Fred:	40.6 LAeq	100.6 dB
Hollinger Office:	57.5 LAeq	114.0 dB
Noah:	61.8 LAeq	105.7 dB
Sandy:	44.7 LAeq	103.0 dB
Water Tower:	50.6 LAeq	110.8 dB
Wilson:	50.0 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.2	21.9	3.7	4.5
Edwards:	9.6	19.8	16.9	32.4
Hollinger Office:	72.7	87.4	13.5	16.4
Sandy:	5.2	7.2	10.7	14.5

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.7	2.7
Edwards:	4.8	22.3
Hollinger Office:	3.8	4.9
Sandy:	4.4	8.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	2.3	1.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.1	0.1	0.0
Imerys:	0.0	0.1	0.0
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.1	0.1	0.2
Water Tower:	0.1	0.1	0.1
Wilson:	0.6	0.2	0.4