

Hollinger Public Blast Report

Blast Pattern: 3328_088
Date: 17-Apr-20
Blast Time: 11:37
Blast Sign Activation: 7:45
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 1.6 °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:	54.3 LAeq	113.2 dB
Edwards:	51.5 LAeq	110.3 dB
Fred:	43.6 LAeq	104.9 dB
Hollinger Office:	53.8 LAeq	113.8 dB
Noah:	59.8 LAeq	110.2 dB
Sandy:	44.0 LAeq	105.3 dB
Water Tower:	49.3 LAeq	120.0 dB
Wilson:	46.8 LAeq	109.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	15.7	12.6	23.8
Edwards:	19.0	22.1	18.5	24.1
Hollinger Office:	21.6	30.7	29.5	45.9
Sandy:	7.9	11.0	13.0	17.6

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:	0.8	2.8
Edwards:	2.0	5.1
Hollinger Office:	1.6	2.0
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.8	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.9	0.9	2.1
Hollinger West:	0.3	0.2	0.3
Imerys:	2.3	1.2	2.9
Noah:	2.4	1.2	2.1
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.5	0.3	0.3
Water Tower:	1.2	0.4	0.7
Wilson:	1.7	1.1	2.8