

Hollinger Public Blast Report

Blast Pattern: 3310_063/3316_090
Date: 7-Oct-21
Blast Time: 11:38
Blast Sign Activation: 7:22
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: SW
Temperature: 17.7 °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:	56.3 LAeq	102.3 dB
Edwards:	54.1 LAeq	95.4 dB
Fred:	44.3 LAeq	91.7 dB
Hollinger Office:	63.9 LAeq	107.7 dB
Noah:	60.7 LAeq	100.3 dB
Sandy:	44.7 LAeq	103.9 dB
Water Tower:	51.5 LAeq	110.9 dB
Wilson:	50.3 LAeq	97.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.3	13.3	15.7	18.2
Edwards:	14.9	18.1	23.4	28.9
Hollinger Office:	49.7	94.1	84.3	171.7
Sandy:	11.7	14.3	19.6	21.3

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:	2.9	5.2
Edwards:	4.0	8.7
Hollinger Office:	14.8	25.1
Sandy:	0.9	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.3	0.7
Hollinger West:	0.9	0.2	0.9
Imerys:	1.3	1.0	0.8
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.2	0.6	0.8
Sandy:	0.0	0.0	0.0
Water Tower:	0.6	0.3	0.7
Wilson:	1.1	0.9	1.1