

Hollinger Public Blast Report

Blast Pattern: 3310_072 3274_206PS
Date: 27-Oct-21
Blast Time: 11:41
Blast Sign Activation: 7:40
Website Notification Time: 7:34

Blast Conditions

Ceiling Height: 7,218 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 6
 Wind Direction: n/a
 Temperature: 4.9 °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	117.2 dB
Edwards:	47.0 LAeq	106.7 dB
Fred:	44.2 LAeq	95.6 dB
Hollinger Office:	56.9 LAeq	119.9 dB
Noah:	60.9 LAeq	107.9 dB
Sandy:	43.3 LAeq	110.5 dB
Water Tower:	53.9 LAeq	118.3 dB
Wilson:	50.0 LAeq	110.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.0	4.4	3.9	4.5
Edwards:	5.0	5.9	6.4	7.4
Hollinger Office:	5.7	11.0	8.5	29.5
Sandy:	8.2	16.7	10.1	16.4

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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:	1.7	1.8
Edwards:	15.1	15.9
Hollinger Office:	6.4	8.0
Sandy:	11.6	43.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	1.5	5.2
Hollinger West:	1.7	1.4	4.5
Imerys:	2.0	1.4	2.1
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.4	0.8
Sandy:	0.0	0.0	0.0
Water Tower:	2.0	1.4	3.1
Wilson:	2.3	1.6	2.5