

Hollinger Public Blast Report

Blast Pattern: 3304_073
Date: 1-Jun-22
Blast Time: 15:35
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 29,856 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 15
 Wind Direction: W
 Temperature: 21.1 °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:	57.7 LAeq	107.6 dB
Edwards:	50.7 LAeq	104.4 dB
Fred:	47.4 LAeq	104.5 dB
Hollinger Office:	56.5 LAeq	115.9 dB
Noah:	62.3 LAeq	106.2 dB
Sandy:	46.8 LAeq	108.7 dB
Water Tower:	48.7 LAeq	114.9 dB
Wilson:	48.5 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.2	20.8	30.0	36.5
Edwards:	10.8	30.4	13.5	52.5
Hollinger Office:	35.8	76.0	35.9	81.0
Sandy:	2.9	6.0	13.6	18.9

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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:	0.6	1.9
Edwards:	0.7	2.6
Hollinger Office:	1.9	2.6
Sandy:	0.3	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.4	0.7
Hollinger West:	0.7	0.2	0.6
Imerys:	1.3	0.5	0.8
Noah:	1.1	0.7	0.7
Moneta Pumping Station:	0.7	0.7	0.8
Sandy:	1.2	0.7	1.2
Water Tower:	1.0	0.4	0.8
Wilson:	1.2	1.2	2.0

