

Hollinger Public Blast Report

Blast Pattern: 3286_004
Date: 20-Aug-21
Blast Time: 15:39
Blast Sign Activation: 10:45
Website Notification Time: 10:43

Blast Conditions

Ceiling Height: 5,500 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 13
 Wind Direction: SW
 Temperature: 30.1 °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:	56.5 LAeq	56.5 dB
Edwards:	54.4 LAeq	54.4 dB
Fred:	45.2 LAeq	45.2 dB
Hollinger Office:	55.7 LAeq	55.7 dB
Noah:	60.5 LAeq	60.5 dB
Sandy:	46.0 LAeq	46.0 dB
Water Tower:	50.9 LAeq	50.9 dB
Wilson:	49.9 LAeq	49.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	30.0	31.3	14.8	16.3
Edwards:	19.7	21.5	27.3	33.0
Hollinger Office:	0.0	0.0	42.6	77.4
Sandy:	27.6	36.3	24.7	34.6

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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:	0.8	2.3
Edwards:	0.8	2.2
Hollinger Office:	1.7	5.8
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.3	0.4
Hollinger West:	4.1	1.7	4.7
Imerys:	1.5	1.5	1.2
Noah:	1.0	1.1	1.2
Moneta Pumping Station:	0.6	0.4	1.0
Sandy:	2.0	1.8	1.4
Water Tower:	4.8	3.8	5.0
Wilson:	3.1	2.4	2.1