

Hollinger Public Blast Report

Blast Pattern: 3316_026, 3310_001 Ramp Toe
Date: 6-Aug-20
Blast Time: 11:39
Blast Sign Activation: 7:35
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11 km/hr
Wind Direction: SW
Temperature: 21.3 °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:	58.2 LAeq	107.6 dB
Edwards:	55.0 LAeq	102.3 dB
Fred:	46.6 LAeq	106.5 dB
Hollinger Office:	57.1 LAeq	111.1 dB
Noah:	62.7 LAeq	101.8 dB
Sandy:	53.5 LAeq	105.7 dB
Water Tower:	48.5 LAeq	114.6 dB
Wilson:	58.1 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.7	16.1	12.9	13.8
Edwards:	8.3	23.8	29.6	73.5
Hollinger Office:	23.3	30.7	52.8	79.2
Sandy:	3.7	4.8	12.7	13.9

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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:	0.9	1.9
Edwards:	2.2	4.8
Hollinger Office:	2.4	3.1
Sandy:	0.7	1.2

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	0.5	0.8
Hollinger West:	0.8	0.3	0.7
Imerys:	1.4	1.2	1.5
Noah:	1.0	0.7	1.3
Moneta Pumping Station:	1.0	0.6	0.7
Sandy:	2.6	1.1	1.8
Water Tower:	1.9	1.0	2.2
Wilson:	1.7	1.7	2.4