

Hollinger Public Blast Report

Blast Pattern: 3334_128, 3322_064
Date: 28-Mar-20
Blast Time: 11:32
Blast Sign Activation: 7:27
Website Notification Time: 6:47

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: SE
Temperature: 7.4 °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:	49.0 LAeq	109.8 dB
Edwards:	51.0 LAeq	98.1 dB
Fred:	40.4 LAeq	94.1 dB
Hollinger Office:	51.6 LAeq	111.0 dB
Noah:	56.8 LAeq	102.2 dB
Sandy:	39.9 LAeq	106.6 dB
Water Tower:	47.0 LAeq	109.8 dB
Wilson:	51.2 LAeq	104.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	11.8	9.3	11.3
Edwards:	4.8	5.7	14.6	21.6
Hollinger Office:	10.8	13.8	20.9	28.3
Sandy:	5.2	8.2	11.3	17.1

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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:	2.2	5.3
Edwards:	4.7	10.7
Hollinger Office:	3.2	5.1
Sandy:	2.6	4.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.8
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.4	0.3	0.7
Hollinger West:	3.4	1.9	2.8
Imerys:	0.3	0.3	0.4
Noah:	0.4	0.5	0.5
Moneta Pumping Station:	0.4	0.3	0.4
Sandy:	1.4	0.6	0.8
Water Tower:	0.9	0.9	0.7
Wilson:	3.6	3.4	3.3