

Hollinger Public Blast Report

Blast Pattern: 3322_109
Date: 18-Mar-21
Blast Time: 11:34
Blast Sign Activation: 7:25
Website Notification Time: 7:16

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 19
Wind Direction: N
Temperature: -9.1 °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:	57.6 LAeq	105.1 dB
Edwards:	49.8 LAeq	103.1 dB
Fred:	46.0 LAeq	107.6 dB
Hollinger Office:	56.8 LAeq	113.2 dB
Noah:	61.7 LAeq	105.6 dB
Sandy:	46.1 LAeq	110.6 dB
Water Tower:	49.2 LAeq	110.8 dB
Wilson:	48.4 LAeq	113.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.1	22.1	8.4	11.2
Edwards:	17.8	20.9	35.3	49.6
Hollinger Office:	46.3	81.8	98.5	188.0
Sandy:	14.3	25.6	18.9	37.1

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.6	1.1
Edwards:	0.8	1.7
Hollinger Office:	6.3	12.3
Sandy:	3.7	9.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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