

Hollinger Public Blast Report

Blast Pattern: 3316_057
Date: 14-May-21
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30183 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 13
 Wind Direction: W
 Temperature: 19.9 °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:	55.5 LAeq	107.7 dB
Edwards:	50.6 LAeq	104.4 dB
Fred:	43.8 LAeq	103.1 dB
Hollinger Office:	55.8 LAeq	105.4 dB
Noah:	63.9 LAeq	104.7 dB
Sandy:	49.9 LAeq	103.5 dB
Water Tower:	50.7 LAeq	115.0 dB
Wilson:	50.5 LAeq	103.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.3	14.2	11.4	12.5
Edwards:	23.7	45.1	24.2	47.5
Hollinger Office:	34.7	38.6	36.5	48.0
Sandy:	16.5	20.7	17.8	24.6

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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:	1.3	2.2
Edwards:	3.4	17.5
Hollinger Office:	7.5	15.3
Sandy:	1.6	3.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	1.1	0.8	1.7
Hollinger West:	0.4	0.2	0.4
Imerys:	2.0	0.8	2.0
Noah:	2.1	1.2	2.1
Moneta Pumping Station:	0.4	0.2	0.5
Sandy:	0.5	0.3	0.5
Water Tower:	0.7	0.5	0.9
Wilson:	1.2	0.7	1.4