

# Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

**Project Name:** Illinois Cabinet RV  
**Date/Time:** 12/16/2024 - 07:48 to 15:53

**Weather**

**Temperature:** 34 - 44 °F  
**Wind Speed:** 0 to 23 miles per hour  
**Wind Direction:** South / Southwest  
**Conditions:** Cloudy, light drizzle

Downwind Air Monitoring Station (Northwest)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.010 to 0.042	0.021905237	0.022 to 0.022	0.022
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.011 to 0.042	0.021905237	0.022 to 0.023	0.022

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)	NA (see comment 3)

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.014 to 0.030	0.022521307	0.022 to 0.022	0.022
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.015 to 0.031	0.022521307	0.023 to 0.023	0.023

**Notes:**

- Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.
- Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.
- Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.
- 1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).
- 2 - Upwind/off-site elevated levels of PM<sub>2.5</sub> and PM<sub>10</sub> impacted downwind air monitoring stations.
- 3 - An instrument fault at the North air monitoring station resulted in an error recording particulate data. Air samples collected at the North station will be analyzed for asbestos fibers.

# Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

**Project Name:** Illinois Cabinet RV  
**Date/Time:** 12/17/2024 - 08:03 to 15:55

**Weather**

**Temperature:** 32 - 38 °F  
**Wind Speed:** 3 to 16 miles per hour  
**Wind Direction:** West / Southwest  
**Conditions:** Mostly cloudy

Downwind Air Monitoring Station (Northwest)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.017 to 0.028	0.020620689	0.021 to 0.021	0.021
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.018 to 0.031	0.020620689	0.022 to 0.022	0.022

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.002 to 0.022	0.018452249	0.019 to 0.019	0.019
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.002 to 0.022	0.018680958	0.019 to 0.019	0.019

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.014 to 0.025	0.018499836	0.018 to 0.018	0.018
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.015 to 0.029	0.018499836	0.021 to 0.021	0.021

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.  
Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.  
Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.  
1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

# Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

*Project Name:* Illinois Cabinet RV  
*Date/Time:* 12/18/2024 - 07:55 to 16:19

**Weather**

*Temperature:* 24 - 33 °F  
*Wind Speed:* 6 to 16 miles per hour  
*Wind Direction:* Northwest  
*Conditions:* Cloudy

Downwind Air Monitoring Station (Southeast)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.005 to 0.029	0.013562437	0.014 to 0.014	0.014
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.005 to 0.030	0.013562437	0.015 to 0.015	0.015

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.008 to 0.028	0.014421492	0.015 to 0.015	0.015
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.008 to 0.029	0.014511112	0.015 to 0.015	0.015

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.006 to 0.027	0.013191244	0.013 to 0.013	0.013
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.006 to 0.028	0.013191244	0.014 to 0.014	0.014

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.  
Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.  
Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.  
1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

# Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

**Project Name:** Illinois Cabinet RV  
**Date/Time:** 12/19/2024 - 07:43 to 15:22

**Weather**

**Temperature:** 24 - 33 °F  
**Wind Speed:** 5 to 24 miles per hour  
**Wind Direction:** Southeast  
**Conditions:** Cloudy, light snow

Downwind Air Monitoring Station (Northwest)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.013 to 0.030	0.017734298	0.018 to 0.018	0.018
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.014 to 0.060	0.017734298	0.025 to 0.025	0.025

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.005 to 0.011	0.006700812	0.007 to 0.007	0.007
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.005 to 0.012	0.006795589	0.007 to 0.007	0.007

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.014 to 0.019	0.016063468	0.016 to 0.016	0.016
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.015 to 0.024	0.016063468	0.018 to 0.018	0.018

**Notes:**

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Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.  
1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

# Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

**Project Name:** Illinois Cabinet RV  
**Date/Time:** 12/20/2024 - 07:58 to 15:06

**Weather**

**Temperature:** 17 - 31 °F  
**Wind Speed:** 6 to 32 miles per hour  
**Wind Direction:** North / Northwest  
**Conditions:** Mostly cloudy

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.003 to 0.015	0.006350383	0.007 to 0.007	0.007
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.004 to 0.016	0.006350383	0.007 to 0.007	0.007

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.005 to 0.011	0.006700812	0.007 to 0.007	0.007
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.005 to 0.012	0.006795589	0.007 to 0.007	0.007

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	Public Health Screening Level Exceeded?	15-Minute Period Concentration Range	Average of All 15-Minute Periods	8-Hour Period Concentration Range	Average of All 8-Hour Periods
DustTrak (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.003 to 0.017	0.005158546	0.005 to 0.005	0.005
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.003 to 0.018	0.005158546	0.006 to 0.006	0.006

**Notes:**

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1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).