



Eastern Research Group  
601 Keystone Park Drive  
Suite 700  
Morrisville, NC 27560

May 19, 2020

Mr. Benjamin Chandler  
GHD Services Inc.  
11719 Hinson Road, Suite 100  
Little Rock, AR 72223  
Project Name: Village of Gurnee

Dear Mr. Benjamin Chandler,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 04/16/20 12:30 through 04/22/20 09:59.

The test results in this report are in compliance with NELAC accreditation requirements for the certified parameters. All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift  
Program Manager  
[julie.swift@erg.com](mailto:julie.swift@erg.com)

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# CERTIFICATE OF ANALYSIS

GHD Services Inc.  
11719 Hinson Road, Suite 100  
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

PHONE: (501) 224-1926 FAX:

FILE #: 4210.00

REPORTED: 05/19/20 11:13

SUBMITTED: 04/16/20 to 04/22/20

AQS SITE CODE:

SITE CODE: Village of Gurnee

## ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
11197130-R1-34	0041618-01	Air	04/13/20 23:59	04/16/20 12:30
11197130-V3-34	0041618-02	Air	04/13/20 23:59	04/16/20 12:30
11197130-M1-34	0041618-03	Air	04/13/20 23:59	04/16/20 12:30
11197130-V4-34	0041618-04	Air	04/13/20 23:59	04/16/20 12:30
11197130-R2-34	0041618-05	Air	04/13/20 23:59	04/16/20 12:30
11197130-V5-34	0041618-06	Air	04/13/20 23:59	04/16/20 12:30
11197130-V2-34	0041618-07	Air	04/13/20 23:59	04/16/20 12:30
11197130-M5-34	0041618-08	Air	04/13/20 23:59	04/16/20 12:30
11197130-M3-34	0041618-09	Air	04/13/20 23:59	04/16/20 12:30
11197130-M4-34	0041618-10	Air	04/13/20 23:59	04/16/20 12:30
11197130-M2-34	0041618-11	Air	04/13/20 23:59	04/16/20 12:30
11197130-V1-34	0041618-12	Air	04/13/20 23:59	04/16/20 12:30
11197130-M4-35	0042216-01	Air	04/16/20 23:59	04/22/20 09:59
11197130-R1-35	0042216-02	Air	04/16/20 23:59	04/22/20 09:59
11197130-V1-35	0042216-03	Air	04/16/20 23:59	04/22/20 09:59
11197130-M3-35	0042216-04	Air	04/16/20 23:59	04/22/20 09:59
11197130-M2-35	0042216-05	Air	04/16/20 23:59	04/22/20 09:59
11197130-V5-35	0042216-06	Air	04/16/20 23:59	04/22/20 09:59
11197130-M5-35	0042216-07	Air	04/16/20 23:59	04/22/20 09:59
11197130-V2-35	0042216-08	Air	04/16/20 23:59	04/22/20 09:59
11197130-V3-35	0042216-09	Air	04/16/20 23:59	04/22/20 09:59
11197130-V4-35	0042216-10	Air	04/16/20 23:59	04/22/20 09:59
11197130-M1-35	0042216-11	Air	04/16/20 23:59	04/22/20 09:59



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GHD Services Inc.

11719 Hinson Road, Suite 100

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**ATTN:** Mr. Benjamin Chandler

**PHONE:** (501) 224-1926 **FAX:**

11197130-R2-35

0042216-12

Air

**FILE #:** 4210.00

**REPORTED:** 05/19/20 11:13

**SUBMITTED:** 04/16/20 to 04/22/20

**AQS SITE CODE:**

**SITE CODE:** Village of Gurnee

04/16/20 23:59

04/22/20 09:59



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 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-R1-34      **Lab ID:** 0041618-01      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** 18826      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/23/20 03:12

## Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0298	0.05		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V3-34      **Lab ID:** 0041618-02      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 6.00" Hg      **Canister #:** SAT015      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/23/20 04:08

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0650	0.12		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M1-34      **Lab ID:** 0041618-03      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 5.00" Hg      **Canister #:** 5026      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/23/20 05:03

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.277	0.50		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V4-34      **Lab ID:** 0041618-04      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** A21037      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 14:55

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0361	0.07		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
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**Description:** 11197130-R2-34      **Lab ID:** 0041618-05      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.50" Hg      **Canister #:** 5106      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 16:45

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.207	0.37		0.0285





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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V5-34      **Lab ID:** 0041618-06      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 6.00" Hg      **Canister #:** 5058      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 17:41

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.119	0.22		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V2-34      **Lab ID:** 0041618-07      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.50" Hg      **Canister #:** 18864      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 18:36

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.246	0.44		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M5-34      **Lab ID:** 0041618-08      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.50" Hg      **Canister #:** 5064      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 19:32

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.272	0.49		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M3-34      **Lab ID:** 0041618-09      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 0.00" Hg      **Canister #:** SAT073      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 20:27

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.129	0.23		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M4-34      **Lab ID:** 0041618-10      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 6.00" Hg      **Canister #:** 33534      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 21:22

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.109	0.20		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M2-34      **Lab ID:** 0041618-11      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 5.00" Hg      **Canister #:** SAT139      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 22:17

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.180	0.33		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V1-34      **Lab ID:** 0041618-12      **Sampled:** 04/13/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** 5138      **Received:** 04/16/20 12:30  
**Comments:**      **Analyzed:** 04/24/20 23:13

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.200	0.36		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M4-35      **Lab ID:** 0042216-01      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 7.50" Hg      **Canister #:** 5132      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 03:50

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.423	0.76		0.0285





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GHD Services Inc.  
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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-R1-35      **Lab ID:** 0042216-02      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** SAT020      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 04:46

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.121	0.22		0.0285



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**FILE #:** 4210.00  
**REPORTED:** 05/19/20 11:13  
**SUBMITTED:** 04/16/20 to 04/22/20  
**AQS SITE CODE:**  
**SITE CODE:** Village of Gurnee

**Description:** 11197130-V1-35 **Lab ID:** 0042216-03 **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 5.00" Hg **Canister #:** SAT016 **Received:** 04/22/20 09:59  
**Comments:** **Analyzed:** 04/28/20 17:50

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.392	0.71		0.0285



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 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M3-35      **Lab ID:** 0042216-04      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 5.50" Hg      **Canister #:** A21101      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 19:41

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.372	0.67		0.0285



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 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M2-35      **Lab ID:** 0042216-05      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 4.50" Hg      **Canister #:** 19289      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 20:36

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.218	0.39		0.0285



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 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V5-35      **Lab ID:** 0042216-06      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 4.00" Hg      **Canister #:** 18877      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 21:31

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0603	0.11		0.0285



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**Description:** 11197130-M5-35      **Lab ID:** 0042216-07      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** 19664      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 22:27

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0645	0.12		0.0285



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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V2-35      **Lab ID:** 0042216-08      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 7.00" Hg      **Canister #:** 19649      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/28/20 23:22

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0878	0.16		0.0285



# CERTIFICATE OF ANALYSIS

GHD Services Inc.  
 11719 Hinson Road, Suite 100  
 Little Rock, AR 72223  
 ATTN: Mr. Benjamin Chandler  
 PHONE: (501) 224-1926 FAX:

FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V3-35      **Lab ID:** 0042216-09      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 6.00" Hg      **Canister #:** SAT120      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/29/20 00:18

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0918	0.17		0.0285





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 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-V4-35      **Lab ID:** 0042216-10      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 8.00" Hg      **Canister #:** 5130      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/29/20 01:13

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.313	0.57		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-M1-35      **Lab ID:** 0042216-11      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 4.00" Hg      **Canister #:** 18880      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/29/20 02:09

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.0952	0.17		0.0285



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FILE #: 4210.00  
 REPORTED: 05/19/20 11:13  
 SUBMITTED: 04/16/20 to 04/22/20  
 AQS SITE CODE:  
 SITE CODE: Village of Gurnee

**Description:** 11197130-R2-35      **Lab ID:** 0042216-12      **Sampled:** 04/16/20 23:59  
**Pressure @ Receipt:** 5.00" Hg      **Canister #:** SAT116      **Received:** 04/22/20 09:59  
**Comments:**      **Analyzed:** 04/29/20 03:04

### Air Toxics by EPA Compendium Method TO-15

<u>Analyte</u>	<u>Results</u>		<u>Flag</u>	<u>MDL</u>
	<u>ppbv</u>	<u>ug/m<sup>3</sup></u>		<u>ppbv</u>
Ethylene oxide	0.143	0.26		0.0285



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 Little Rock, AR 72223  
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**PHONE:** (501) 224-1926 **FAX:**

**FILE #:** 4210.00  
**REPORTED:** 05/19/20 11:13  
**SUBMITTED:** 04/16/20 to 04/22/20  
**AQS SITE CODE:**  
**SITE CODE:** Village of Gurnee

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
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## Air Toxics by EPA Compendium Method TO-15 - Quality Control

### Batch B0D2203 - Summa Canister Prep

**Blank (B0D2203-BLK1)**

Prepared &amp; Analyzed: 04/22/20

Ethylene oxide	ND	ppbv				U
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### Batch B0D2306 - Summa Canister Prep

**Blank (B0D2306-BLK1)**

Prepared: 04/23/20 Analyzed: 04/24/20

Ethylene oxide	ND	ppbv				U
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**Duplicate (B0D2306-DUP1)****Source: 0041618-04**

Prepared: 04/13/20 Analyzed: 04/24/20

Ethylene oxide	0.0350	ppbv	0.04	3.09	25	
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### Batch B0D2706 - Summa Canister Prep

**Blank (B0D2706-BLK1)**

Prepared: 04/09/20 Analyzed: 04/27/20

Ethylene oxide	ND	ppbv				U
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### Batch B0D2806 - Summa Canister Prep

**Blank (B0D2806-BLK1)**

Prepared: 04/23/20 Analyzed: 04/28/20

Ethylene oxide	ND	ppbv				U
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**Duplicate (B0D2806-DUP1)****Source: 0042216-03**

Prepared: 04/16/20 Analyzed: 04/28/20

Ethylene oxide	0.388	ppbv	0.39	0.897	25	
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**FILE #:** 4210.00  
**REPORTED:** 05/19/20 11:13  
**SUBMITTED:** 04/16/20 to 04/22/20  
**AQS SITE CODE:**  
**SITE CODE:** Village of Gurnee

Analyte	Result	Units	% Difference	Limit (%)	Notes
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## Air Toxics by EPA Compendium Method TO-15 - Quality Control

### Sequence 2004051

**Calibration Check (2004051-CCV1)**

Prepared &amp; Analyzed: 04/22/20

Ethylene oxide	2.82	ppbv	12.6	30.00
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### Sequence 2004053

**Calibration Check (2004053-CCV1)**

Prepared: 04/23/20 Analyzed: 04/24/20

Ethylene oxide	2.65	ppbv	5.9	30.00
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### Sequence 2004060

**Calibration Check (2004060-CCV1)**

Prepared &amp; Analyzed: 04/27/20

Ethylene oxide	2.90	ppbv	15.8	30.00
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### Sequence 2004062

**Calibration Check (2004062-CCV1)**

Prepared &amp; Analyzed: 04/28/20

Ethylene oxide	2.79	ppbv	11.5	30.00
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**FILE #:** 4210.00

**REPORTED:** 05/19/20 11:13

**SUBMITTED:** 04/16/20 to 04/22/20

**AQS SITE CODE:**

**SITE CODE:** Village of Gurnee

## Notes and Definitions

U	Under Detection Limit
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference

Note: The test results meet all requirements of NELAC; however the following analytes are not accredited: 1,2,4-trimethylbenzene, 1,2-dibromoethane, 1,2-dichloropropane, 1,3,5-trimethylbenzene, 1,3-butadiene, acetylene, acrolein, bromochloromethane, bromodichloromethane, bromoform, carbon disulfide, dibromochloromethane, dichlorodifluoromethane, dichlorotetrafluoroethane, ethyl acrylate, ethyl tert butyl ether, ethylene oxide, hexachloro-1,3-butadiene, n-octane, propylene, tert amyl methyl ether, tetrachloroethylene, trans-1,2-dichloroethylene, trichlorofluoromethane, and trichlorotrifluoroethane.