



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

February 20, 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 01/03/20 13:39 through 12/31/19 10:59.

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

The information contained in this report and its attachment(s) are intended only for the use of the individual to whom it is addressed and may contain information that is privileged, confidential, or exempt from disclosure. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this report is strictly prohibited. If you have received this report in error, please notify julie.swift@erg.com and delete the report without retaining any copies.



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: 02/20/20 12:40
 SUBMITTED: 01/03/20 to 12/31/19
 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-M1-23	0010319-01	Air	12/31/19 23:59	01/03/20 13:39
11197130-M2-23	0010319-02	Air	12/31/19 23:59	01/03/20 13:39
11197130-M3-23	0010319-03	Air	12/31/19 23:59	01/03/20 13:39
11197130-M5-23	0010319-04	Air	12/31/19 23:59	01/03/20 13:39
11197130-V2-23	0010319-06	Air	12/31/19 23:59	01/03/20 13:39
11197130-V3-23	0010319-07	Air	12/31/19 23:59	01/03/20 13:39
11197130-V4-23	0010319-08	Air	12/31/19 23:59	01/03/20 13:39
11197130-V5-23	0010319-09	Air	12/31/19 23:59	01/03/20 13:39
11197130-R1-23	0010319-10	Air	12/31/19 23:59	01/03/20 13:39
11197130-R2-23	0010319-11	Air	12/31/19 23:59	01/03/20 13:39
11197130-M1-24	0010817-01	Air	01/03/20 23:59	01/08/20 12:17
11197130-M2-24	0010817-02	Air	01/03/20 23:59	01/08/20 12:17
11197130-M3-24	0010817-03	Air	01/03/20 23:59	01/08/20 12:17
11197130-M4-24	0010817-04	Air	01/03/20 23:59	01/08/20 12:17
11197130-M5-24	0010817-05	Air	01/03/20 23:59	01/08/20 12:17
11197130-R1-24	0010817-06	Air	01/03/20 23:59	01/08/20 12:17
11197130-R2-24	0010817-07	Air	01/03/20 23:59	01/08/20 12:17
11197130-V1-24	0010817-08	Air	01/03/20 23:59	01/08/20 12:17
11197130-V2-24	0010817-09	Air	01/03/20 23:59	01/08/20 12:17
11197130-V3-24	0010817-10	Air	01/03/20 23:59	01/08/20 12:17
11197130-V4-24	0010817-11	Air	01/03/20 23:59	01/08/20 12:17
11197130-V5-24	0010817-12	Air	01/03/20 23:59	01/08/20 12:17
11197130-M1-25	0010817-13	Air	01/06/20 23:59	01/08/20 12:17



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11197130-M2-25	0010817-14	Air	01/06/20 23:59	01/08/20 12:17
11197130-M3-25	0010817-15	Air	01/06/20 23:59	01/08/20 12:17
11197130-M4-25	0010817-16	Air	01/06/20 23:59	01/08/20 12:17
11197130-M5-25	0010817-17	Air	01/06/20 23:59	01/08/20 12:17
11197130-R1-25	0010817-18	Air	01/06/20 23:59	01/08/20 12:17
11197130-R2-25	0010817-19	Air	01/06/20 23:59	01/08/20 12:17
11197130-V1-25	0010817-20	Air	01/06/20 23:59	01/08/20 12:17
11197130-V2-25	0010817-21	Air	01/06/20 23:59	01/08/20 12:17
11197130-V3-25	0010817-22	Air	01/06/20 23:59	01/08/20 12:17
11197130-V4-25	0010817-23	Air	01/06/20 23:59	01/08/20 12:17
11197130-V5-25	0010817-24	Air	01/06/20 23:59	01/08/20 12:17
11197130-M1-26	0011421-01	Air	01/09/20 23:59	01/14/20 11:10
11197130-M2-26	0011421-02	Air	01/09/20 23:59	01/14/20 11:10
11197130-M3-26	0011421-03	Air	01/09/20 23:59	01/14/20 11:10
11197130-M4-26	0011421-04	Air	01/09/20 23:59	01/14/20 11:10
11197130-M5-26	0011421-05	Air	01/09/20 23:59	01/14/20 11:10
11197130-V1-26	0011421-06	Air	01/09/20 23:59	01/14/20 11:10
11197130-V2-26	0011421-07	Air	01/09/20 23:59	01/14/20 11:10
11197130-V3-26	0011421-08	Air	01/09/20 23:59	01/14/20 11:10
11197130-V4-26	0011421-09	Air	01/09/20 23:59	01/14/20 11:10
11197130-V5-26	0011421-10	Air	01/09/20 23:59	01/14/20 11:10
11197130-R1-26	0011421-11	Air	01/09/20 23:59	01/14/20 11:10
11197130-R2-26	0011421-12	Air	01/09/20 23:59	01/14/20 11:10
11197130-M1-27	0011421-13	Air	01/12/20 23:59	01/14/20 11:10
11197130-M2-27	0011421-14	Air	01/12/20 23:59	01/14/20 11:10
11197130-M3-27	0011421-15	Air	01/12/20 23:59	01/14/20 11:10



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11197130-M4-27	0011421-16	Air	01/12/20 23:59	01/14/20 11:10
11197130-M5-27	0011421-17	Air	01/12/20 23:59	01/14/20 11:10
11197130-V1-27	0011421-18	Air	01/12/20 23:59	01/14/20 11:10
11197130-V2-27	0011421-19	Air	01/12/20 23:59	01/14/20 11:10
11197130-V3-27	0011421-20	Air	01/12/20 23:59	01/14/20 11:10
11197130-V4-27	0011421-21	Air	01/12/20 23:59	01/14/20 11:10
11197130-V5-27	0011421-22	Air	01/12/20 23:59	01/14/20 11:10
11197130-R1-27	0011421-23	Air	01/12/20 23:59	01/14/20 11:10
11197130-R2-27	0011421-24	Air	01/12/20 23:59	01/14/20 11:10
11197130-M2-28	0011704-01	Air	01/15/20 23:59	01/17/20 10:48
11197130-M4-28	0011704-02	Air	01/15/20 23:59	01/17/20 10:48
11197130-V1-28	0011704-03	Air	01/15/20 23:59	01/17/20 10:48
11197130-V3-28	0011704-04	Air	01/15/20 23:59	01/17/20 10:48
11197130-V5-28	0011704-05	Air	01/15/20 23:59	01/17/20 10:48
11197130-R1-28	0011704-06	Air	01/15/20 23:59	01/17/20 10:48
11197130-V2-28	0011704-07	Air	01/15/20 23:59	01/17/20 10:48
11197130-V4-28	0011704-08	Air	01/15/20 23:59	01/17/20 10:48
11197130-M1-28	0012114-01	Air	01/15/20 23:59	01/21/20 10:28
11197130-M3-28	0012114-02	Air	01/15/20 23:59	01/21/20 10:28
11197130-R2-28	0012114-03	Air	01/15/20 23:59	01/21/20 10:28
11197130-M1-29	0012114-04	Air	01/18/20 23:59	01/21/20 10:28
11197130-M2-29	0012114-05	Air	01/18/20 23:59	01/21/20 10:28
11197130-M3-29	0012114-06	Air	01/18/20 23:59	01/21/20 10:28
11197130-M4-29	0012114-07	Air	01/18/20 23:59	01/21/20 10:28
11197130-M5-29	0012114-08	Air	01/18/20 23:59	01/21/20 10:28



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PHONE: (501) 224-1926	FAX:		SITE CODE:	Village of Gurnee
11197130-V1-29	0012114-09	Air	01/18/20 23:59	01/21/20 10:28
11197130-V2-29	0012114-10	Air	01/18/20 23:59	01/21/20 10:28
11197130-V3-29	0012114-11	Air	01/18/20 23:59	01/21/20 10:28
11197130-V4-29	0012114-12	Air	01/18/20 23:59	01/21/20 10:28
11197130-V5-29	0012114-13	Air	01/18/20 23:59	01/21/20 10:28
11197130-R1-29	0012114-14	Air	01/18/20 23:59	01/21/20 10:28
11197130-R2-29	0012114-15	Air	01/18/20 23:59	01/21/20 10:28
11197130-M5-28	0012319-01	Air	01/15/20 23:59	01/23/20 12:35
11197130-M1-30	0012319-02	Air	01/21/20 23:59	01/23/20 12:35
11197130-M2-30	0012319-03	Air	01/21/20 23:59	01/23/20 12:35
11197130-M3-30	0012319-04	Air	01/21/20 23:59	01/23/20 12:35
11197130-M4-30	0012319-05	Air	01/21/20 23:59	01/23/20 12:35
11197130-M5-30	0012319-06	Air	01/21/20 23:59	01/23/20 12:35
11197130-V1-30	0012319-07	Air	01/21/20 23:59	01/23/20 12:35
11197130-V2-30	0012319-08	Air	01/21/20 23:59	01/23/20 12:35
11197130-V3-30	0012319-09	Air	01/21/20 23:59	01/23/20 12:35
11197130-V4-30	0012319-10	Air	01/21/20 23:59	01/23/20 12:35
11197130-V5-30	0012319-11	Air	01/21/20 23:59	01/23/20 12:35
11197130-R1-30	0012319-12	Air	01/21/20 23:59	01/23/20 12:35
11197130-R2-30	0012319-13	Air	01/21/20 23:59	01/23/20 12:35
11197130-V1-22	9123117-01	Air	12/28/19 23:59	12/31/19 10:59
11197130-V2-22	9123117-02	Air	12/28/19 23:59	12/31/19 10:59
11197130-V3-22	9123117-03	Air	12/28/19 23:59	12/31/19 10:59
11197130-V4-22	9123117-04	Air	12/28/19 23:59	12/31/19 10:59
11197130-V5-22	9123117-05	Air	12/28/19 23:59	12/31/19 10:59
11197130-M1-22	9123117-06	Air	12/28/19 23:59	12/31/19 10:59



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11197130-M2-22	9123117-07	Air	12/28/19 23:59	12/31/19 10:59
11197130-M3-22	9123117-08	Air	12/28/19 23:59	12/31/19 10:59
11197130-M5-22	9123117-09	Air	12/28/19 23:59	12/31/19 10:59
11197130-R1-22	9123117-10	Air	12/28/19 23:59	12/31/19 10:59
11197130-R2-22	9123117-11	Air	12/28/19 23:59	12/31/19 10:59



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-22	Lab ID: 9123117-01	Sampled: 12/28/19 23:59
Pressure @ Receipt: 17.00" Hg	Canister #: A21108	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 01:16

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0714	0.13	LK	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-22	Lab ID: 9123117-02	Sampled: 12/28/19 23:59
Pressure @ Receipt: 15.50" Hg	Canister #: SAT072	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 02:22

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0471	0.09	LK	0.0250



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SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-22	Lab ID: 9123117-03	Sampled: 12/28/19 23:59
Pressure @ Receipt: 8.00" Hg	Canister #: 5040	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 03:26

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.147	0.27	LK	0.0250



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SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-22

Lab ID: 9123117-04

Sampled: 12/28/19 23:59

Pressure @ Receipt: 8.50" Hg

Canister #: A21078

Received: 12/31/19 10:59

Comments:

Analyzed: 01/03/20 04:31

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0314	0.06	LK	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-22	Lab ID: 9123117-05	Sampled: 12/28/19 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: A21071	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 05:35

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.404	0.73		0.0250



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Description: 11197130-M1-22	Lab ID: 9123117-06	Sampled: 12/28/19 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: SAT180	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 06:39

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.112	0.20	LK	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-22	Lab ID: 9123117-07	Sampled: 12/28/19 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: SAT078	Received: 12/31/19 10:59
Comments:		Analyzed: 01/03/20 07:44

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0385	0.07	LK	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-22	Lab ID: 9123117-08	Sampled: 12/28/19 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 18869	Received: 12/31/19 10:59
Comments:		Analyzed: 01/08/20 20:22

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0344	0.06		0.0250



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AQS SITE CODE:

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Description: 11197130-M5-22	Lab ID: 9123117-09	Sampled: 12/28/19 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: SAT168	Received: 12/31/19 10:59
Comments:		Analyzed: 01/08/20 21:17

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.169	0.31		0.0250



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Description: 11197130-R1-22	Lab ID: 9123117-10	Sampled: 12/28/19 23:59
Pressure @ Receipt: 8.50" Hg	Canister #: SAT185	Received: 12/31/19 10:59
Comments:		Analyzed: 01/08/20 22:13

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.281	0.51		0.0250



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AQS SITE CODE:

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Description: 11197130-R2-22	Lab ID: 9123117-11	Sampled: 12/28/19 23:59
Pressure @ Receipt: 9.00" Hg	Canister #: 5106	Received: 12/31/19 10:59
Comments:		Analyzed: 01/08/20 23:09

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.141	0.26		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-23

Lab ID: 0010319-01

Sampled: 12/31/19 23:59

Pressure @ Receipt: 2.00" Hg

Canister #: SAT126

Received: 01/03/20 13:39

Comments:

Analyzed: 01/09/20 22:56

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0755	0.14		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-23	Lab ID: 0010319-02	Sampled: 12/31/19 23:59
Pressure @ Receipt: 1.50" Hg	Canister #: SAT020	Received: 01/03/20 13:39
Comments:		Analyzed: 01/09/20 23:52

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0480	0.09		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-23	Lab ID: 0010319-03	Sampled: 12/31/19 23:59
Pressure @ Receipt: 3.00" Hg	Canister #: SAT002	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 00:47

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.132	0.24		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-23	Lab ID: 0010319-04	Sampled: 12/31/19 23:59
Pressure @ Receipt: 4.00" Hg	Canister #: SAT086	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 01:42

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.101	0.18		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-23	Lab ID: 0010319-06	Sampled: 12/31/19 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: SAT135	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 02:37

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.196	0.35		0.0250



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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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-23	Lab ID: 0010319-07	Sampled: 12/31/19 23:59
Pressure @ Receipt: 3.00" Hg	Canister #: SAT073	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 03:33

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.120	0.22		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-23	Lab ID: 0010319-08	Sampled: 12/31/19 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 5087	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 04:28

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.218	0.39		0.0250



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11719 Hinson Road, Suite 100
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-23

Lab ID: 0010319-09

Sampled: 12/31/19 23:59

Pressure @ Receipt: 4.00" Hg

Canister #: 5129

Received: 01/03/20 13:39

Comments:

Analyzed: 01/10/20 05:24

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.112	0.20		0.0250



CERTIFICATE OF ANALYSIS

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11719 Hinson Road, Suite 100
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-23	Lab ID: 0010319-10	Sampled: 12/31/19 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: A21000	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 06:19

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0613	0.11		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-23	Lab ID: 0010319-11	Sampled: 12/31/19 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 18820	Received: 01/03/20 13:39
Comments:		Analyzed: 01/10/20 07:15

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0322	0.06		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-24	Lab ID: 0010817-01	Sampled: 01/03/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 5043	Received: 01/08/20 12:17
Comments:		Analyzed: 01/13/20 15:58

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.161	0.29		0.0250



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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:**

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-24

Lab ID: 0010817-02

Sampled: 01/03/20 23:59

Pressure @ Receipt: 5.50" Hg

Canister #: 19277

Received: 01/08/20 12:17

Comments:

Analyzed: 01/13/20 16:53

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0338	0.06		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-24	Lab ID: 0010817-03	Sampled: 01/03/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: 5110	Received: 01/08/20 12:17
Comments:		Analyzed: 01/13/20 17:49

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0627	0.11		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-24	Lab ID: 0010817-04	Sampled: 01/03/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: 5066	Received: 01/08/20 12:17
Comments:		Analyzed: 01/13/20 18:44

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.104	0.19		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-24	Lab ID: 0010817-05	Sampled: 01/03/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: SAT068	Received: 01/08/20 12:17
Comments:		Analyzed: 01/13/20 19:39

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.163	0.29		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-24

Lab ID: 0010817-06

Sampled: 01/03/20 23:59

Pressure @ Receipt: 8.50" Hg

Canister #: 5117

Received: 01/08/20 12:17

Comments:

Analyzed: 01/13/20 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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0747	0.14		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-24

Lab ID: 0010817-07

Sampled: 01/03/20 23:59

Pressure @ Receipt: 8.00" Hg

Canister #: SAT051

Received: 01/08/20 12:17

Comments:

Analyzed: 01/13/20 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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0376	0.07		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-24	Lab ID: 0010817-08	Sampled: 01/03/20 23:59
Pressure @ Receipt: 12.50" Hg	Canister #: SAT173	Received: 01/08/20 12:17
Comments:		Analyzed: 01/13/20 22:28

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.143	0.26		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-24

Lab ID: 0010817-09

Sampled: 01/03/20 23:59

Pressure @ Receipt: 8.00" Hg

Canister #: SAT117

Received: 01/08/20 12:17

Comments:

Analyzed: 01/13/20 23:24

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.142	0.26		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-24	Lab ID: 0010817-10	Sampled: 01/03/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: SAT076	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 00:20

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.156	0.28		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-24	Lab ID: 0010817-11	Sampled: 01/03/20 23:59
Pressure @ Receipt: 8.50" Hg	Canister #: SAT152	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 01:16

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.129	0.23		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-24

Lab ID: 0010817-12

Sampled: 01/03/20 23:59

Pressure @ Receipt: 6.50" Hg

Canister #: 5102

Received: 01/08/20 12:17

Comments:

Analyzed: 01/14/20 02:12

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0716	0.13		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-25	Lab ID: 0010817-13	Sampled: 01/06/20 23:59
Pressure @ Receipt: 4.50" Hg	Canister #: A21106	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 03:07

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0917	0.17		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-25	Lab ID: 0010817-14	Sampled: 01/06/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 5042	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 04:03

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0563	0.10		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-25	Lab ID: 0010817-15	Sampled: 01/06/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: SAT127	Received: 01/08/20 12:17
Comments:		Analyzed: 01/17/20 14:01

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0586	0.11		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-25	Lab ID: 0010817-16	Sampled: 01/06/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: SAT171	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 18:03

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0539	0.10		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-25	Lab ID: 0010817-17	Sampled: 01/06/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: SAT044	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 18:59

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0266	0.05		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-25	Lab ID: 0010817-18	Sampled: 01/06/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: A21052	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 19:55

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.125	0.23		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-25	Lab ID: 0010817-19	Sampled: 01/06/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: SAT131	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 20:51

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.166	0.30		0.0250



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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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-25	Lab ID: 0010817-20	Sampled: 01/06/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: 19667	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 21:46

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0606	0.11		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-25	Lab ID: 0010817-21	Sampled: 01/06/20 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: 18880	Received: 01/08/20 12:17
Comments:		Analyzed: 01/14/20 22:42

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.291	0.53		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-25

Lab ID: 0010817-22

Sampled: 01/06/20 23:59

Pressure @ Receipt: 5.50" Hg

Canister #: SAT067

Received: 01/08/20 12:17

Comments:

Analyzed: 01/14/20 23:38

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0835	0.15		0.0250



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ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-25	Lab ID: 0010817-23	Sampled: 01/06/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: SAT027	Received: 01/08/20 12:17
Comments:		Analyzed: 01/15/20 00:34

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.103	0.19		0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-25	Lab ID: 0010817-24	Sampled: 01/06/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 5075	Received: 01/08/20 12:17
Comments:		Analyzed: 01/15/20 01:29

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.144	0.26		0.0250



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ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-26

Lab ID: 0011421-01

Sampled: 01/09/20 23:59

Pressure @ Receipt: 5.00" Hg

Canister #: 18833

Received: 01/14/20 11:10

Comments:

Analyzed: 01/17/20 15:52

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0495	0.09		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-26	Lab ID: 0011421-02	Sampled: 01/09/20 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: 5141	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 16:47

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0439	0.08		0.0250



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ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-26	Lab ID: 0011421-03	Sampled: 01/09/20 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: 18837	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 17:42

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0379	0.07		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-26	Lab ID: 0011421-04	Sampled: 01/09/20 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: A21098	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 18:38

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0912	0.17		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-26	Lab ID: 0011421-05	Sampled: 01/09/20 23:59
Pressure @ Receipt: 8.50" Hg	Canister #: 5054	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 19:33

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.134	0.24		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-26	Lab ID: 0011421-06	Sampled: 01/09/20 23:59
Pressure @ Receipt: 0" Hg	Canister #: A21012	Received: 01/14/20 11:10
Comments: Received at ambient		Analyzed: 01/17/20 20:28

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0641	0.12		0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-26

Lab ID: 0011421-07

Sampled: 01/09/20 23:59

Pressure @ Receipt: 9.00" Hg

Canister #: 19649

Received: 01/14/20 11:10

Comments:

Analyzed: 01/17/20 21:24

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0241	0.04	U	0.0250



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GHD Services Inc.
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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-26

Lab ID: 0011421-08

Sampled: 01/09/20 23:59

Pressure @ Receipt: 4.00" Hg

Canister #: 5022

Received: 01/14/20 11:10

Comments:

Analyzed: 01/17/20 22:19

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.164	0.30		0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-26

Lab ID: 0011421-09

Sampled: 01/09/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: 5133

Received: 01/14/20 11:10

Comments: Received at ambient-can leak

Analyzed: 01/17/20 23:14

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.128	0.23		0.0250



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GHD Services Inc.
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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-26	Lab ID: 0011421-10	Sampled: 01/09/20 23:59
Pressure @ Receipt: 7.50" Hg	Canister #: 18882	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 00:10

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0364	0.07		0.0250



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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-26	Lab ID: 0011421-11	Sampled: 01/09/20 23:59
Pressure @ Receipt: 9.00" Hg	Canister #: A21046	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 01:05

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0611	0.11		0.0250



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GHD Services Inc.
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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-26	Lab ID: 0011421-12	Sampled: 01/09/20 23:59
Pressure @ Receipt: 8.50" Hg	Canister #: 18834	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 02:01

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0266	0.05		0.0250



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11719 Hinson Road, Suite 100
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-27

Lab ID: 0011421-13

Sampled: 01/12/20 23:59

Pressure @ Receipt: 4.50" Hg

Canister #: 5149

Received: 01/14/20 11:10

Comments:

Analyzed: 01/18/20 02:56

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.164	0.30		0.0250



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GHD Services Inc.
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-27	Lab ID: 0011421-14	Sampled: 01/12/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 5124	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 14:38

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0737	0.13	LK	0.0250



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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-27	Lab ID: 0011421-15	Sampled: 01/12/20 23:59
Pressure @ Receipt: 5.00" Hg	Canister #: AZ53	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 16:47

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0723	0.13	LK	0.0250



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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-27	Lab ID: 0011421-16	Sampled: 01/12/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: 5035	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 17:51

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0608	0.11	LK	0.0250



CERTIFICATE OF ANALYSIS

GHD Services Inc.
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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-27	Lab ID: 0011421-17	Sampled: 01/12/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: SAT159	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 18:55

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0915	0.17	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-27	Lab ID: 0011421-18	Sampled: 01/12/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 18885	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 20:00

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0357	0.06	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-27

Lab ID: 0011421-19

Sampled: 01/12/20 23:59

Pressure @ Receipt: 7.00" Hg

Canister #: AZ36

Received: 01/14/20 11:10

Comments:

Analyzed: 01/17/20 21:04

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0982	0.18	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-27	Lab ID: 0011421-20	Sampled: 01/12/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 18872	Received: 01/14/20 11:10
Comments:		Analyzed: 01/17/20 22:09

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0351	0.06	LK	0.0250



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11719 Hinson Road, Suite 100
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-27

Lab ID: 0011421-21

Sampled: 01/12/20 23:59

Pressure @ Receipt: 7.00" Hg

Canister #: 19285

Received: 01/14/20 11:10

Comments:

Analyzed: 01/17/20 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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0196	0.04	LK, U	0.0250



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11719 Hinson Road, Suite 100
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-27	Lab ID: 0011421-22	Sampled: 01/12/20 23:59
Pressure @ Receipt: 4.50" Hg	Canister #: A21069	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 00:17

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0463	0.08	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-27	Lab ID: 0011421-23	Sampled: 01/12/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: 18826	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 01:21

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0244	0.04	LK, U	0.0250



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11719 Hinson Road, Suite 100
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-27	Lab ID: 0011421-24	Sampled: 01/12/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: 5105	Received: 01/14/20 11:10
Comments:		Analyzed: 01/18/20 03:30

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0467	0.08	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-28

Lab ID: 0012114-01

Sampled: 01/15/20 23:59

Pressure @ Receipt: 0.00" Hg

Canister #: 18873

Received: 01/21/20 10:28

Comments: Received at ambient

Analyzed: 01/22/20 01:35

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0376	0.07	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-28	Lab ID: 0011704-01	Sampled: 01/15/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 5093	Received: 01/17/20 10:48
Comments:		Analyzed: 01/21/20 13:47

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0606	0.11	LK	0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-28	Lab ID: 0012114-02	Sampled: 01/15/20 23:59
Pressure @ Receipt: 5.00" Hg	Canister #: A21042	Received: 01/21/20 10:28
Comments:		Analyzed: 01/22/20 02:39

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0542	0.10	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-28	Lab ID: 0011704-02	Sampled: 01/15/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: SAT103	Received: 01/17/20 10:48
Comments:		Analyzed: 01/21/20 15:55

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.101	0.18	LK	0.0250



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11719 Hinson Road, Suite 100
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-28	Lab ID: 0012319-01	Sampled: 01/15/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 0049	Received: 01/23/20 12:35
Comments:		Analyzed: 01/27/20 21:13

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.127	0.23		0.0250



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11719 Hinson Road, Suite 100
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-28	Lab ID: 0011704-03	Sampled: 01/15/20 23:59
Pressure @ Receipt: 0.75 psig	Canister #: 2767	Received: 01/17/20 10:48
Comments:		Analyzed: 01/21/20 16:59

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0379	0.07	LK	0.0250



CERTIFICATE OF ANALYSIS

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11719 Hinson Road, Suite 100
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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-28	Lab ID: 0011704-04	Sampled: 01/15/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: 18821	Received: 01/17/20 10:48
Comments:		Analyzed: 01/21/20 18:04

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0266	0.05	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-28	Lab ID: 0011704-08	Sampled: 01/15/20 23:59
Pressure @ Receipt: 8.00" Hg	Canister #: 19664	Received: 01/17/20 10:48
Comments:		Analyzed: 01/22/20 00:31

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0278	0.05	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-28

Lab ID: 0011704-05

Sampled: 01/15/20 23:59

Pressure @ Receipt: 3.50" Hg

Canister #: 19642

Received: 01/17/20 10:48

Comments:

Analyzed: 01/21/20 19:08

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0270	0.05	LK	0.0250



CERTIFICATE OF ANALYSIS

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11719 Hinson Road, Suite 100
Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-28	Lab ID: 0011704-06	Sampled: 01/15/20 23:59
Pressure @ Receipt: 8.50" Hg	Canister #: 5115	Received: 01/17/20 10:48
Comments:		Analyzed: 01/21/20 20:12

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.106	0.19	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-28	Lab ID: 0012114-03	Sampled: 01/15/20 23:59
Pressure @ Receipt: 4.50" Hg	Canister #: SAT120	Received: 01/21/20 10:28
Comments:		Analyzed: 01/22/20 03:44

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0429	0.08	LK	0.0250



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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-29	Lab ID: 0012114-04	Sampled: 01/18/20 23:59
Pressure @ Receipt: 3.50" Hg	Canister #: 5085	Received: 01/21/20 10:28
Comments:		Analyzed: 01/22/20 04:48

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.104	0.19	LK	0.0250



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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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-29	Lab ID: 0012114-05	Sampled: 01/18/20 23:59
Pressure @ Receipt: 4.50" Hg	Canister #: SAT021	Received: 01/21/20 10:28
Comments:		Analyzed: 01/22/20 05:52

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0596	0.11	LK	0.0250



CERTIFICATE OF ANALYSIS

GHD Services Inc.
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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-29

Lab ID: 0012114-06

Sampled: 01/18/20 23:59

Pressure @ Receipt: 4.50" Hg

Canister #: AZ50

Received: 01/21/20 10:28

Comments:

Analyzed: 01/24/20 07:09

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0993	0.18	LK	0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-29	Lab ID: 0012114-07	Sampled: 01/18/20 23:59
Pressure @ Receipt: 4.00" Hg	Canister #: SAT017	Received: 01/21/20 10:28
Comments:		Analyzed: 01/24/20 08:14

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.128	0.23	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-29	Lab ID: 0012114-08	Sampled: 01/18/20 23:59
Pressure @ Receipt: 6.00" Hg	Canister #: 5023	Received: 01/21/20 10:28
Comments:		Analyzed: 01/24/20 09:18

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.114	0.21	LK	0.0250



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ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-29	Lab ID: 0012114-09	Sampled: 01/18/20 23:59
Pressure @ Receipt: 5.00" Hg	Canister #: A21078	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 15:05

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0625	0.11	LK	0.0250



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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-29	Lab ID: 0012114-10	Sampled: 01/18/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: 0053	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 17:14

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.103	0.19	LK	0.0250



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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V3-29	Lab ID: 0012114-11	Sampled: 01/18/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: A21044	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 18:18

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0311	0.06	LK	0.0250



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Little Rock, AR 72223

ATTN: Mr. Benjamin Chandler

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

FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-29	Lab ID: 0012114-12	Sampled: 01/18/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: 5139	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 19:23

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.123	0.22	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-29	Lab ID: 0012114-13	Sampled: 01/18/20 23:59
Pressure @ Receipt: 2.50" Hg	Canister #: SAT008	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.145	0.26	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-29	Lab ID: 0012114-14	Sampled: 01/18/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: A21077	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0667	0.12	LK	0.0250



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: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-29	Lab ID: 0012114-15	Sampled: 01/18/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: 18870	Received: 01/21/20 10:28
Comments:		Analyzed: 01/27/20 22:36

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0589	0.11	LK	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M1-30	Lab ID: 0012319-02	Sampled: 01/21/20 23:59
Pressure @ Receipt: 3.50" Hg	Canister #: A21051	Received: 01/23/20 12:35
Comments:		Analyzed: 01/27/20 22:09

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.131	0.24		0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M2-30	Lab ID: 0012319-03	Sampled: 01/21/20 23:59
Pressure @ Receipt: 5.00" Hg	Canister #: SAT164	Received: 01/23/20 12:35
Comments:		Analyzed: 01/27/20 23:04

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.127	0.23		0.0250



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REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M3-30

Lab ID: 0012319-04

Sampled: 01/21/20 23:59

Pressure @ Receipt: 5.00" Hg

Canister #: A21076

Received: 01/23/20 12:35

Comments:

Analyzed: 01/27/20 23:59

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.144	0.26		0.0250



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REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M4-30	Lab ID: 0012319-05	Sampled: 01/21/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 19654	Received: 01/23/20 12:35
Comments:		Analyzed: 01/28/20 00:55

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0597	0.11		0.0250



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REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-M5-30	Lab ID: 0012319-06	Sampled: 01/21/20 23:59
Pressure @ Receipt: 0" Hg	Canister #: SAT036	Received: 01/23/20 12:35
Comments: Received at ambient		Analyzed: 01/28/20 01:50

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.129	0.23		0.0250



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REPORTED: 02/20/20 12:40

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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V1-30	Lab ID: 0012319-07	Sampled: 01/21/20 23:59
Pressure @ Receipt: 5.50" Hg	Canister #: 19658	Received: 01/23/20 12:35
Comments:		Analyzed: 01/28/20 02:45

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/m³</u>		<u>ppbv</u>
Ethylene oxide	ND	ND	U	0.0250



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AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V2-30	Lab ID: 0012319-08	Sampled: 01/21/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: SAT025	Received: 01/23/20 12:35
Comments:		Analyzed: 01/28/20 03:41

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.108	0.20		0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V4-30	Lab ID: 0012319-10	Sampled: 01/21/20 23:59
Pressure @ Receipt: 6.50" Hg	Canister #: SAT141	Received: 01/23/20 12:35
Comments:		Analyzed: 01/28/20 05:31

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0503	0.09		0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-V5-30

Lab ID: 0012319-11

Sampled: 01/21/20 23:59

Pressure @ Receipt: 4.50" Hg

Canister #: 19665

Received: 01/23/20 12:35

Comments:

Analyzed: 01/28/20 06:27

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0344	0.06		0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R1-30

Lab ID: 0012319-12

Sampled: 01/21/20 23:59

Pressure @ Receipt: 6.00" Hg

Canister #: ER025

Received: 01/23/20 12:35

Comments:

Analyzed: 01/28/20 07:22

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.175	0.32		0.0250



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FILE #: 4210.00

REPORTED: 02/20/20 12:40

SUBMITTED: 01/03/20 to 12/31/19

AQS SITE CODE:

SITE CODE: Village of Gurnee

Description: 11197130-R2-30	Lab ID: 0012319-13	Sampled: 01/21/20 23:59
Pressure @ Receipt: 7.00" Hg	Canister #: A21089	Received: 01/23/20 12:35
Comments:		Analyzed: 01/28/20 11:13

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/m³</u>		<u>ppbv</u>
Ethylene oxide	0.0486	0.09		0.0250



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FILE #: 4210.00
REPORTED: 02/20/20 12:40
SUBMITTED: 01/03/20 to 12/31/19
AQS SITE CODE:
SITE CODE: Village of Gurnee

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
<i>Air Toxics by EPA Compendium Method TO-15 - Quality Control</i>						
<i>Batch BOA0204 - Summa Canister Prep</i>						
Blank (BOA0204-BLK1)			Prepared & Analyzed: 01/02/20			
Ethylene oxide	ND	ppbv				U
<i>Batch BOA0806 - Summa Canister Prep</i>						
Blank (BOA0806-BLK1)			Prepared: 12/31/19 Analyzed: 01/08/20			
Ethylene oxide	ND	ppbv				U
<i>Batch BOA0903 - Summa Canister Prep</i>						
Blank (BOA0903-BLK1)			Prepared: 12/31/19 Analyzed: 01/09/20			
Ethylene oxide	ND	ppbv				U
Duplicate (BOA0903-DUP1)			Source: 0010319-11 Prepared: 12/31/19 Analyzed: 01/10/20			
Ethylene oxide	ND	ppbv	ND		25	U
<i>Batch BOA1307 - Summa Canister Prep</i>						
Blank (BOA1307-BLK1)			Prepared: 12/31/19 Analyzed: 01/13/20			
Ethylene oxide	ND	ppbv				U
Duplicate (BOA1307-DUP1)			Source: 0010817-14 Prepared: 01/03/20 Analyzed: 01/14/20			
Ethylene oxide	0.0658	ppbv	ND		25	
<i>Batch BOA1407 - Summa Canister Prep</i>						
Blank (BOA1407-BLK1)			Prepared: 12/31/19 Analyzed: 01/14/20			
Ethylene oxide	ND	ppbv				U
<i>Batch BOA1702 - Summa Canister Prep</i>						
Blank (BOA1702-BLK1)			Prepared & Analyzed: 01/17/20			
Ethylene oxide	ND	ppbv				U
Duplicate (BOA1702-DUP1)			Source: 0011421-14 Prepared: 01/12/20 Analyzed: 01/17/20			
Ethylene oxide	0.0763	ppbv	0.07	3.47	25	LK
<i>Batch BOA1703 - Summa Canister Prep</i>						
Blank (BOA1703-BLK1)			Prepared: 12/31/19 Analyzed: 01/17/20			
Ethylene oxide	ND	ppbv				U
Duplicate (BOA1703-DUP1)			Source: 0011421-13 Prepared: 01/12/20 Analyzed: 01/18/20			
Ethylene oxide	0.181	ppbv	0.16	9.50	25	
<i>Batch BOA2105 - Summa Canister Prep</i>						
Blank (BOA2105-BLK1)			Prepared & Analyzed: 01/21/20			
Ethylene oxide	ND	ppbv				U
Duplicate (BOA2105-DUP1)			Source: 0011704-01 Prepared: 01/15/20 Analyzed: 01/21/20			
Ethylene oxide	0.0485	ppbv	0.06	22.2	25	LK
<i>Batch BOA2304 - Summa Canister Prep</i>						

Eastern Research Group

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REPORTED: 02/20/20 12:40
SUBMITTED: 01/03/20 to 12/31/19
AQS SITE CODE:
SITE CODE: Village of Gurnee

Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes
Air Toxics by EPA Compendium Method TO-15 - Quality Control						
<i>Batch B0A2304 - Summa Canister Prep</i>						
Blank (B0A2304-BLK1)			Prepared & Analyzed: 01/23/20			
Ethylene oxide	ND	ppbv				U
<i>Batch B0A2707 - Summa Canister Prep</i>						
Blank (B0A2707-BLK1)			Prepared & Analyzed: 01/27/20			
Ethylene oxide	ND	ppbv				U
Duplicate (B0A2707-DUP1)			Source: 0012114-09 Prepared: 01/18/20 Analyzed: 01/27/20			
Ethylene oxide	0.0630	ppbv	0.06	0.797	25	LK
<i>Batch B0A2709 - Summa Canister Prep</i>						
Blank (B0A2709-BLK1)			Prepared: 01/23/20 Analyzed: 01/27/20			
Ethylene oxide	ND	ppbv				U
Duplicate (B0A2709-DUP1)			Source: 0012319-12 Prepared: 01/21/20 Analyzed: 01/28/20			
Ethylene oxide	0.163	ppbv	0.18	7.17	25	



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AQS SITE CODE:
SITE CODE: Village of Gurnee

Analyte	Result	Units	% Difference	Limit (%)	Notes
Air Toxics by EPA Compendium Method TO-15 - Quality Control					
<i>Sequence 2001006</i>					
Calibration Check (2001006-CCV1)			Prepared & Analyzed: 01/02/20		
Ethylene oxide	2.50	ppbv	0.06	30.00	
<i>Sequence 2001022</i>					
Calibration Check (2001022-CCV1)			Prepared & Analyzed: 01/08/20		
Ethylene oxide	2.40	ppbv	-3.9	30.00	
<i>Sequence 2001026</i>					
Calibration Check (2001026-CCV1)			Prepared & Analyzed: 01/09/20		
Ethylene oxide	2.40	ppbv	-4.1	30.00	
<i>Sequence 2001039</i>					
Calibration Check (2001039-CCV1)			Prepared & Analyzed: 01/13/20		
Ethylene oxide	2.57	ppbv	2.7	30.00	
<i>Sequence 2001043</i>					
Calibration Check (2001043-CCV1)			Prepared & Analyzed: 01/14/20		
Ethylene oxide	2.55	ppbv	2.1	30.00	
<i>Sequence 2001051</i>					
Calibration Check (2001051-CCV1)			Prepared & Analyzed: 01/17/20		
Ethylene oxide	2.80	ppbv	12.1	30.00	
<i>Sequence 2001052</i>					
Calibration Check (2001052-CCV1)			Prepared & Analyzed: 01/17/20		
Ethylene oxide	2.59	ppbv	3.6	30.00	
<i>Sequence 2001057</i>					
Calibration Check (2001057-CCV1)			Prepared & Analyzed: 01/21/20		
Ethylene oxide	3.14	ppbv	25.7	30.00	
<i>Sequence 2001063</i>					
Calibration Check (2001063-CCV1)			Prepared & Analyzed: 01/23/20		
Ethylene oxide	2.92	ppbv	16.7	30.00	
<i>Sequence 2001070</i>					
Calibration Check (2001070-CCV1)			Prepared & Analyzed: 01/27/20		
Ethylene oxide	2.77	ppbv	10.7	30.00	
<i>Sequence 2001074</i>					
Calibration Check (2001074-CCV1)			Prepared & Analyzed: 01/27/20		
Ethylene oxide	2.56	ppbv	2.4	30.00	

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AQS SITE CODE:

SITE CODE: Village of Gurnee

Notes and Definitions

U	Under Detection Limit
LK	Analyte identified; Reported value may be biased high.
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.