

March 20, 2020

MEMORANDUM

To: Karen Hays, Air Branch Chief KH

Through: Dika Kuoh, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: Cobb December 17, 2019- January 16, 2020 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of December 17, 2019 through January 16, 2020 by the Ambient Monitoring Program in the Cobb area to characterize the EtO concentration. Each of the samples were sent to Eastern Research Group (ERG) for analysis. The samples listed as AF indicate that the sample was scheduled but not collected. On previous memos, this was listed as an X rather than AF, but we have changed the code to be more consistent with our other documentation. The samples listed as AN indicate that the machine malfunctioned while collecting the sample. The Qualifier code of "LK" was given by ERG to indicate that the sample may be biased high. The Qualifier code "U" was given by ERG to indicate that the sample is under the detection limit. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. Please note that the Site S2 was inaccessible for part of this period and as such has fewer sample dates.

Please note that ERG is now providing values for levels below the detection limit.

Location	Date	Qualifier	EtO Concentration (ug/m ³)
S1	12/17/2019	2	0.37
S1	12/23/2019		AN
S1	12/31/2019	2	0.05
S1	01/04/2020	LK, 2	0.24
S1	01/10/2020	LK	0.30
S1	01/16/2020		0.70
S2	12/17/2019	2	0.36
S2	01/10/2020	LK	0.32
S2	01/16/2020	LK	0.26
S3	12/17/2019	2	0.08
S3	12/23/2019		AN

Location		Date		Qualifier		EtO Concentration (ug/m ³)
S3		12/31/2019		U,2		0.03
S3		01/04/2020		LK, 2		0.20
S3		01/10/2020		LK		0.12
S3		01/16/2020				AF
S4		12/17/19		2		0.36
S4		12/23/19				AN
S4		12/31/19		2		0.22
S4		01/04/20				1.58
S4		01/10/20		LK		0.55
S4		01/16/20		LK		0.43
S6		12/23/2019				AN
S6		12/31/19				0.14
S6		01/04/20		LK,2		0.25
S7		12/23/19				AN
S7		12/31/19		2		0.17
S7		01/04/20				AF

If you have any questions, please let me know.

DGO/do



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

February 20, 2020

Ms. Jaime Gore
U.S. Environmental Protection Agency, Region 4
4244 International Pkwy, Suite 120
Atlanta, GA 30354
Project Name: Cobb

Dear Ms. Jaime Gore,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 01/03/20 14:03 through 01/23/20 12:22.

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

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CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency, Region 4

4244 International Pkwy, Suite 120

Atlanta, GA 30354

ATTN: Ms. Jaime Gore

PHONE: (404) 362-4912 FAX: (919) 541-0516

FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

ANALYTICAL REPORT FOR SAMPLES

<u>SampleName</u>	<u>LabNumber</u>	<u>Matrix</u>	<u>Sampled</u>	<u>Received</u>
S1	0010321-01	Air	12/17/19 23:59	01/03/20 14:03
S2	0010321-02	Air	12/17/19 23:59	01/03/20 14:03
S3	0010321-03	Air	12/17/19 23:59	01/03/20 14:03
S4	0010321-04	Air	12/17/19 23:59	01/03/20 14:03
S1	0010716-01	Air	12/31/19 23:59	01/07/20 10:24
S3	0010716-02	Air	12/31/19 23:59	01/07/20 10:24
S4	0010716-03	Air	12/31/19 23:59	01/07/20 10:24
S6	0010716-04	Air	12/31/19 23:59	01/07/20 10:24
S7	0010716-05	Air	12/31/19 23:59	01/07/20 10:24
S1	0011422-01	Air	01/04/20 23:59	01/14/20 12:18
S3	0011422-02	Air	01/04/20 23:59	01/14/20 12:18
S4	0011422-03	Air	01/04/20 23:59	01/14/20 12:18
S6	0011422-04	Air	01/04/20 23:59	01/14/20 12:18
S1	0011617-01	Air	01/10/20 23:59	01/16/20 12:01
S2	0011617-02	Air	01/10/20 23:59	01/16/20 12:01
S3	0011617-03	Air	01/10/20 23:59	01/16/20 12:01
S4	0011617-04	Air	01/10/20 23:59	01/16/20 12:01
S1	0012315-01	Air	01/16/20 23:59	01/23/20 12:22
S2	0012315-02	Air	01/16/20 23:59	01/23/20 12:22
S4	0012315-04	Air	01/16/20 23:59	01/23/20 12:22



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S1

Lab ID: 0010321-01

Sampled: 12/17/19 23:59

Pressure @ Receipt: 8.00" Hg

Canister #: 5019

Received: 01/03/20 14:03

Comments:

Analyzed: 01/08/20 15:44

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	0.204	0.37		0.0250



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REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S2

Lab ID: 0010321-02

Sampled: 12/17/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: SAT091

Received: 01/03/20 14:03

Comments:

Analyzed: 01/08/20 16:39

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	0.200	0.36		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S3

Lab ID: 0010321-03

Sampled: 12/17/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: 19654

Received: 01/03/20 14:03

Comments:

Analyzed: 01/08/20 17:35

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	0.0449	0.08		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S4

Lab ID: 0010321-04

Sampled: 12/17/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: 19648

Received: 01/03/20 14:03

Comments:

Analyzed: 01/08/20 18:30

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	0.197	0.36		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S1

Lab ID: 0010716-01

Sampled: 12/31/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: 18808

Received: 01/07/20 10:24

Comments: Received at ambient

Analyzed: 01/08/20 19:26

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	0.0283	0.05		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S3

Lab ID: 0010716-02

Sampled: 12/31/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: 18879

Received: 01/07/20 10:24

Comments: Received at ambient

Analyzed: 01/09/20 00:05

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	0.0143	0.03	U	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S4

Lab ID: 0010716-03

Sampled: 12/31/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: A21037

Received: 01/07/20 10:24

Comments: Received at ambient

Analyzed: 01/09/20 01:01

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	0.121	0.22		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S6

Lab ID: 0010716-04

Sampled: 12/31/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: 5059

Received: 01/07/20 10:24

Comments: Received at ambient

Analyzed: 01/09/20 01:57

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	0.0757	0.14		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S7

Lab ID: 0010716-05

Sampled: 12/31/19 23:59

Pressure @ Receipt: 0" Hg

Canister #: SAT014

Received: 01/07/20 10:24

Comments: Received at ambient

Analyzed: 01/09/20 02:52

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	0.0949	0.17		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S1

Lab ID: 0011422-01

Sampled: 01/04/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: SAT080

Received: 01/14/20 12:18

Comments: Received at ambient

Analyzed: 01/18/20 02:26

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	0.131	0.24	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S3

Lab ID: 0011422-02

Sampled: 01/04/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: A21045

Received: 01/14/20 12:18

Comments: Received at ambient

Analyzed: 01/18/20 04:34

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	0.112	0.20	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S4

Lab ID: 0011422-03

Sampled: 01/04/20 23:59

Pressure @ Receipt: 6.50" Hg

Canister #: A21002

Received: 01/14/20 12:18

Comments:

Analyzed: 01/18/20 05:38

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	0.874	1.58		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S6

Lab ID: 0011422-04

Sampled: 01/04/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: SAT109

Received: 01/14/20 12:18

Comments: Westbury Pool-Received at ambient

Analyzed: 01/18/20 06:43

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	0.136	0.25	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S1

Lab ID: 0011617-01

Sampled: 01/10/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: 5020

Received: 01/16/20 12:01

Comments: Received at ambient

Analyzed: 01/24/20 01:48

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	0.165	0.30	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S2

Lab ID: 0011617-02

Sampled: 01/10/20 23:59

Pressure @ Receipt: 2.50" Hg

Canister #: AZ51

Received: 01/16/20 12:01

Comments:

Analyzed: 01/24/20 02:52

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	0.178	0.32	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S3

Lab ID: 0011617-03

Sampled: 01/10/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: SAT031

Received: 01/16/20 12:01

Comments: Received at ambient

Analyzed: 01/24/20 03:57

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	0.0640	0.12	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S4

Lab ID: 0011617-04

Sampled: 01/10/20 23:59

Pressure @ Receipt: 5.00" Hg

Canister #: SAT087

Received: 01/16/20 12:01

Comments:

Analyzed: 01/24/20 05:01

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	0.302	0.55	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S1

Lab ID: 0012315-01

Sampled: 01/16/20 23:59

Pressure @ Receipt: 0" Hg

Canister #: 5051

Received: 01/23/20 12:22

Comments: Received at ambient

Analyzed: 01/28/20 00:44

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	0.389	0.70		0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S2

Lab ID: 0012315-02

Sampled: 01/16/20 23:59

Pressure @ Receipt: 3.50" Hg

Canister #: 5146

Received: 01/23/20 12:22

Comments:

Analyzed: 01/28/20 01:49

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	0.142	0.26	LK	0.0250



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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

Description: S4

Lab ID: 0012315-04

Sampled: 01/16/20 23:59

Pressure @ Receipt: 5.00" Hg

Canister #: SAT157

Received: 01/23/20 12:22

Comments:

Analyzed: 01/28/20 02:53

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	0.239	0.43	LK	0.0250



CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency, Region 4

4244 International Pkwy, Suite 120

Atlanta, GA 30354

ATTN: Ms. Jaime Gore

PHONE: (404) 362-4912 FAX: (919) 541-0516

FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

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

Batch B0A0806 - Summa Canister Prep

Blank (B0A0806-BLK1)

Prepared: 12/31/19 Analyzed: 01/08/20

Ethylene oxide	ND	ppbv				U
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Batch B0A1702 - Summa Canister Prep

Blank (B0A1702-BLK1)

Prepared & Analyzed: 01/17/20

Ethylene oxide	ND	ppbv				U
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Batch B0A2304 - Summa Canister Prep

Blank (B0A2304-BLK1)

Prepared & Analyzed: 01/23/20

Ethylene oxide	ND	ppbv				U
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Batch B0A2707 - Summa Canister Prep

Blank (B0A2707-BLK1)

Prepared & Analyzed: 01/27/20

Ethylene oxide	ND	ppbv				U
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FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

AQS SITE CODE:

SITE CODE: Cobb

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

Sequence 2001022

Calibration Check (2001022-CCV1)

Prepared & Analyzed: 01/08/20

Ethylene oxide	2.40	ppbv	-3.9	30.00
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Sequence 2001051

Calibration Check (2001051-CCV1)

Prepared & Analyzed: 01/17/20

Ethylene oxide	2.80	ppbv	12.1	30.00
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Sequence 2001063

Calibration Check (2001063-CCV1)

Prepared & Analyzed: 01/23/20

Ethylene oxide	2.92	ppbv	16.7	30.00
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Sequence 2001070

Calibration Check (2001070-CCV1)

Prepared & Analyzed: 01/27/20

Ethylene oxide	2.77	ppbv	10.7	30.00
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CERTIFICATE OF ANALYSIS

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ATTN: Ms. Jaime Gore

PHONE: (404) 362-4912 **FAX:** (919) 541-0516

FILE #: 4222.00

REPORTED: 02/20/20 13:28

SUBMITTED: 01/03/20 to 01/23/20

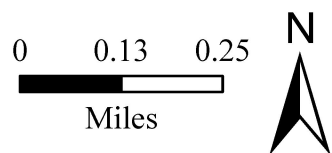
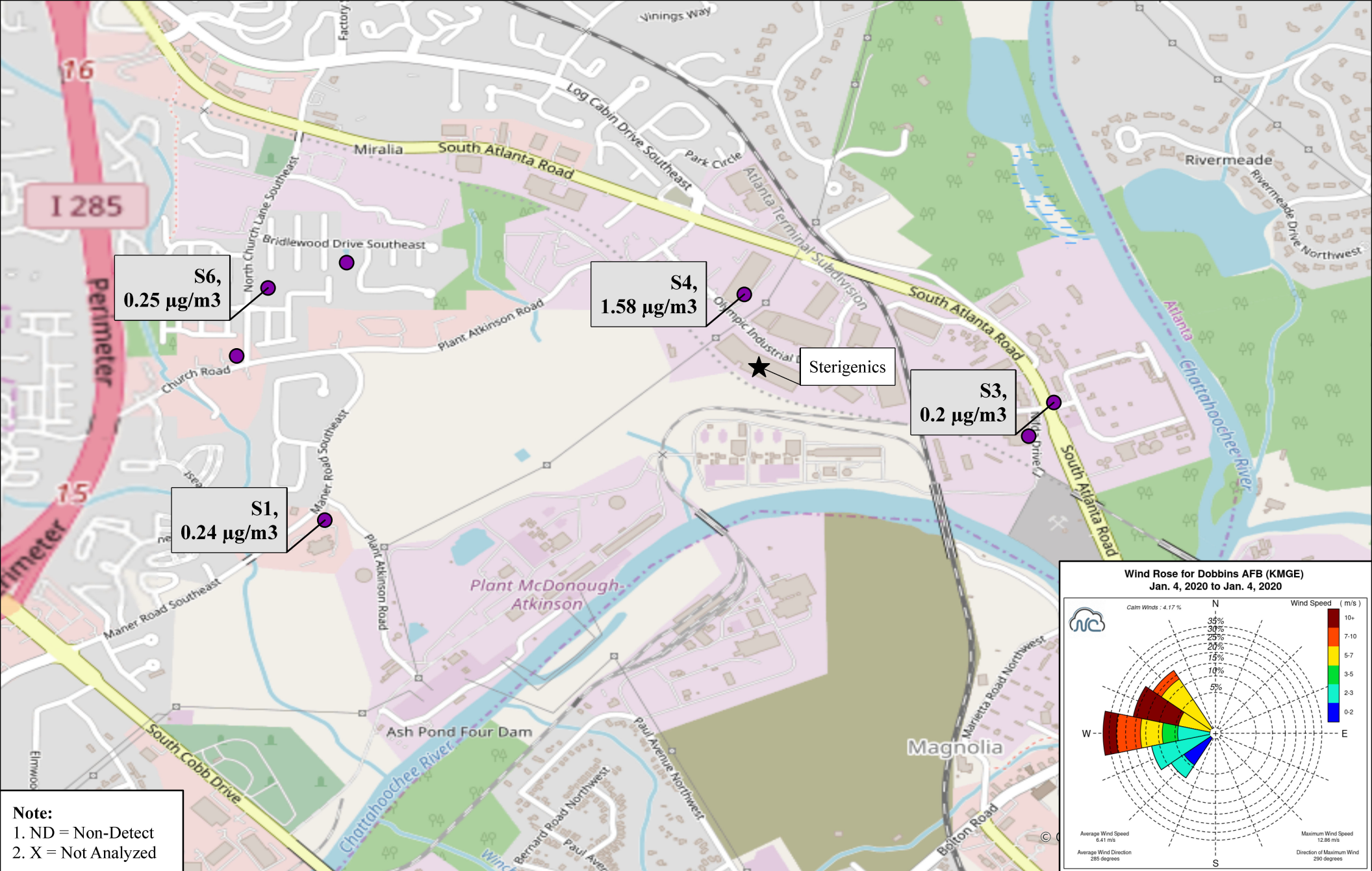
AQS SITE CODE:

SITE CODE: Cobb

Notes and Definitions

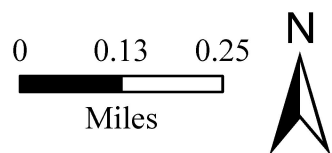
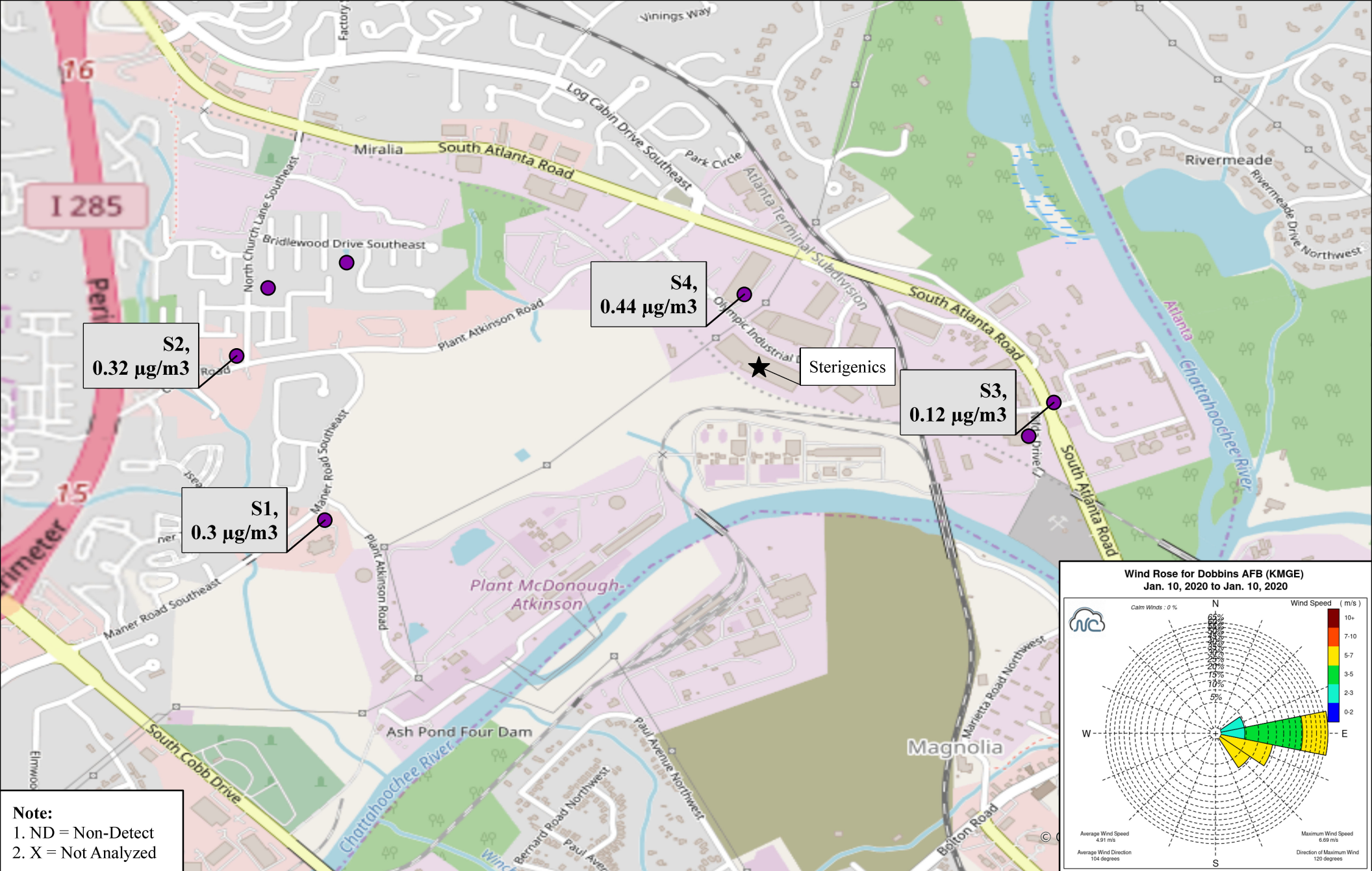
U	Under Detection Limit
LK	Analyte identified; Reported value may be biased high.
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference

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.



Ethylene Oxide Sampling
 Cobb County, GA

01/04/2020
 Sampled By: Georgia Environmental Protection Division
 Analyzed By: Eastern Research Group



Site ID, Concentration ($\mu\text{g}/\text{m}^3$)

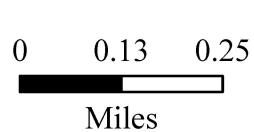
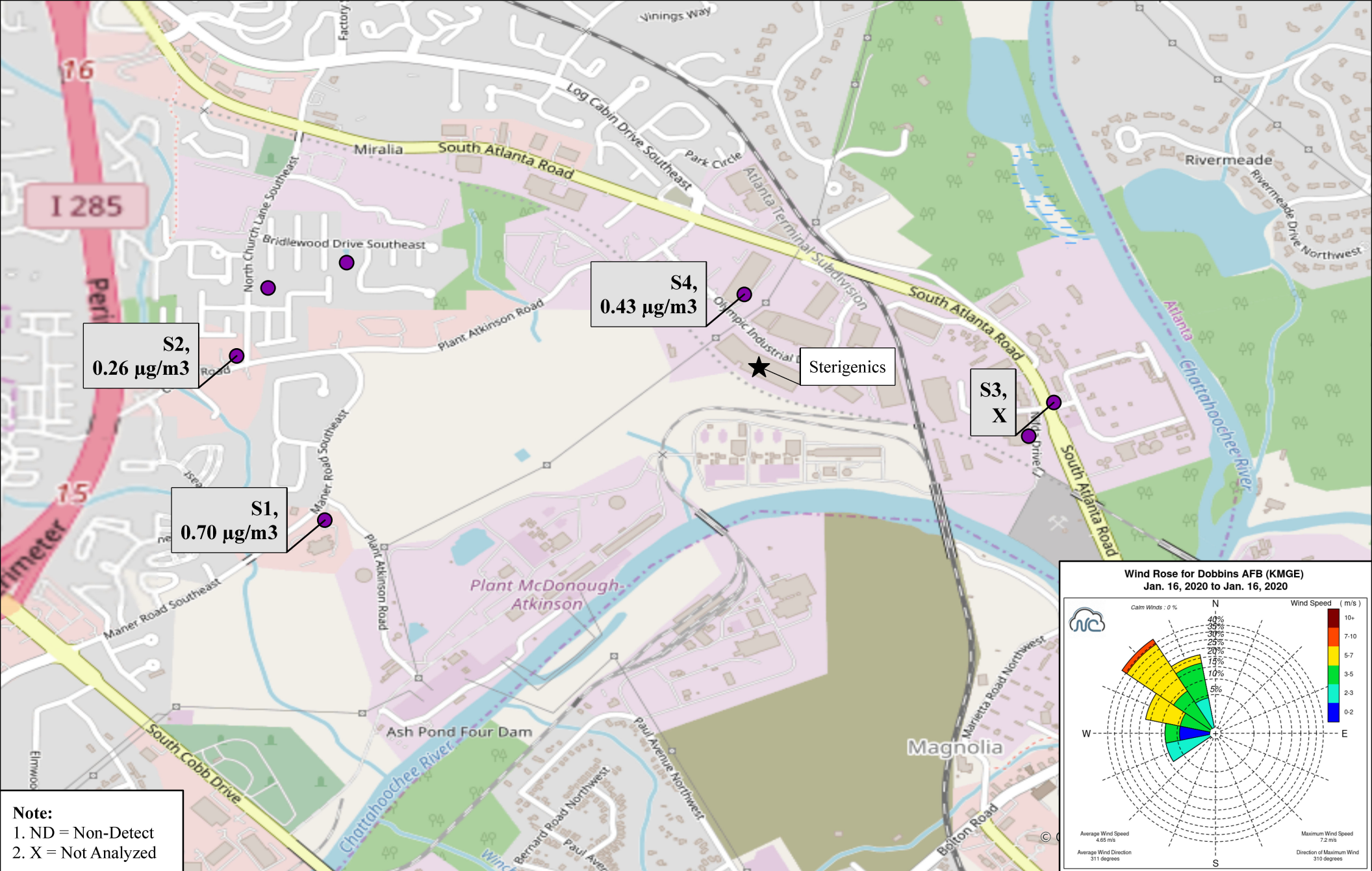
Ethylene Oxide Sampling
 Cobb County, GA

01/10/2020
 Sampled By: Georgia Environmental Protection Division
 Analyzed By: Eastern Research Group



GEORGIA
 DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION



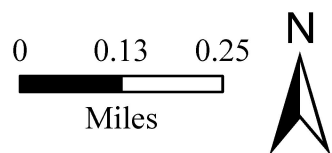
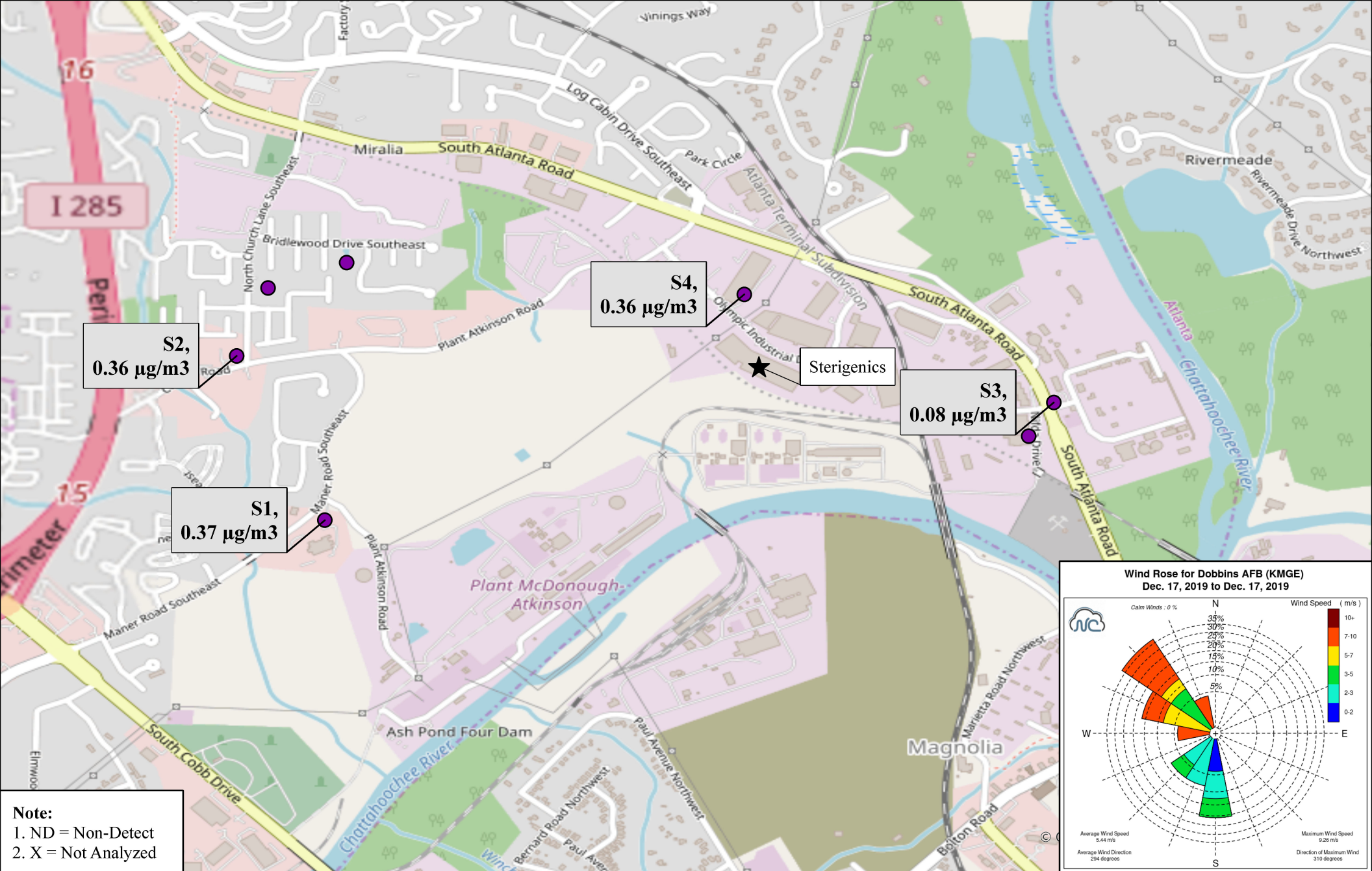
Site ID, Concentration ($\mu\text{g}/\text{m}^3$)

Ethylene Oxide Sampling
 Cobb County, GA

01/16/2020
 Sampled By: Georgia Environmental Protection Division
 Analyzed By: Eastern Research Group

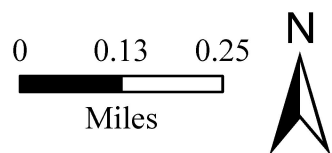
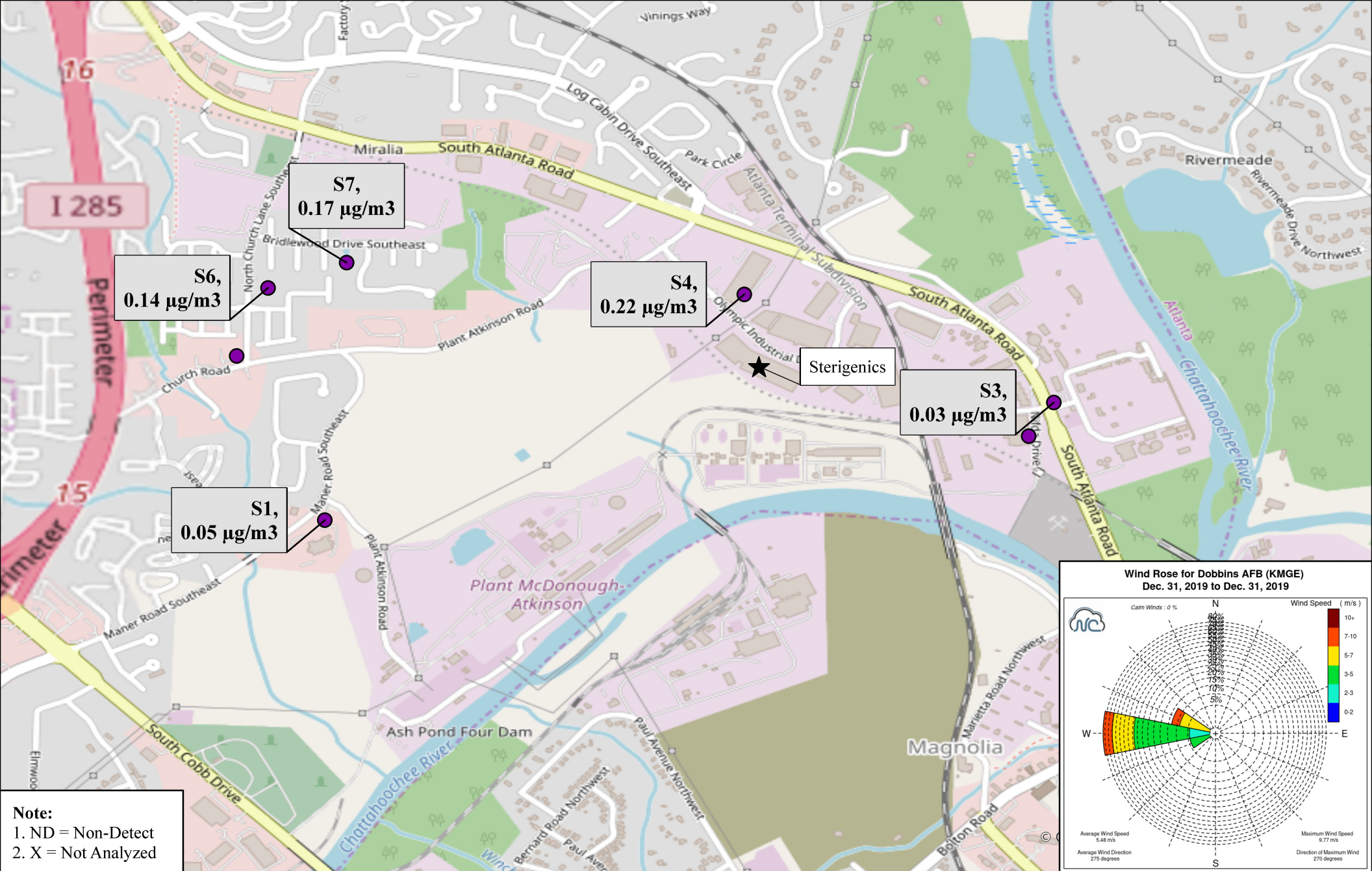


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Ethylene Oxide Sampling
 Cobb County, GA

12/17/2019
 Sampled By: Georgia Environmental Protection Division
 Analyzed By: Eastern Research Group



Site ID, Concentration ($\mu\text{g}/\text{m}^3$)

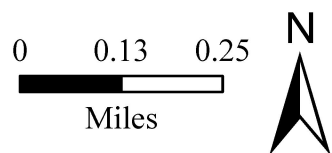
Ethylene Oxide Sampling
Cobb County, GA

12/31/2019
Sampled By: Georgia Environmental Protection Division
Analyzed By: Eastern Research Group



Ethylene Oxide Sampling
Cobb County, GA

December 2019 Site Average Values
Note: Not detectable values were included in average calculations as a value of 0.
Sampled By: Georgia Environmental Protection Division
Analyzed By: Eastern Research Group



**Site ID, Number of Samples,
Concentration (µg/m³)**