**DOCUMENT CERTIFICATION** 

RECEIVED PM. 30.24

AIR PROTECTION BRANCH

Facility Name: Sterilization Services of Georgia

**Registration No.**: 3841-121-0010-S-04-0

Facility Location: 6005 Boat Rock Boulevard, Atlanta, GA 30336

Type of Submittal Attached: Semi-Annual Summary Report: "Gaseous and Opacity

Excess Emissions & Continuous Monitoring System Performance"

Certification: I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name of Responsible Official (Print):	James Boland	
Title of Responsible Official (Print):	Plant Manager	
Signature:	Date://30/24	



## QUARTERLY/SEMIANNUAL REPORT SUBMITTAL

Facility name and loc	ation: Sterilization Se	ervices of Georgia	
Facility Contact:	James Boland		
Title:	Plant Manager		Submit to:
Phone Number:	(404)-344-8423		Sean Taylor Georgia Air Protection Branch
Reporting Period:	July 1, 2023 - Decemb	ber 31, 2023	Stationary Source Compliance Program 4244 International Parkway, Suite 120 Atlanta, Georgia 30354
Check the appropriate	boxes:		
Quarterly Report:		l 🗌 Third 🔲 Fourth	
Semiannual Report	t: 🗌 First 🛛 Second	Į.	
This submittal contain	s quarterly/semiannual	reports for the sources liste	d below.
Emissio	n Point	Pollutant / P	arameter Monitored
Wet Scrubber		Ethylene Oxide / Liquid Le	vel
Catalytic Oxidizer		Ethylene Oxide / Temperatu	ıre
Dry Bed Reactor System Vents)	1 (Chamber Back	Ethylene Oxide / Outlet Cor	ncentratin (ppmv)
Dry Bed Reactor System Emissions)	2 and 3 (Fugitive	Ethylene Oxide / Outlet Cor	ncentration (ppmv)
Natural Draft Openings		Ethylene Oxide / Negative F	Pressure
_			

## SUMMARY REPORT OF EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE

(This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e.g.,	SO <sub>2</sub> , NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
Parameter monitored: <u>Liquid Level</u>		<del></del>
Reporting period dates: From July 1, 2023	to <u>December 31, 2023</u>	-
Permit Number: 3841-121-0010-S-04-0	Permit Condition: 7.5.a	
Process unit/control device description: Wet Scrubber.	Criteria for defining excess emission, excee Liquid Level > 9,200 Gallons.	dance, or excursion:
Monitor manufacturer and Model No.:		
Maintenance Technician Monitors.	Total number of times data collection was required in reporting period:	184
Date of latest monitor certification or audit: N/A	Established frequency of data collection (e.g., hourly, daily):	Daily
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
Excess emissions, exceedances, or excursions in reporting period due to:	1. Monitor downtime in reporting period d	lue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes 0	e. Unknown causes	0
2. Total number of incidents 0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required] 0	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each incident iowntime. Also attach a separate page to describe any chancentrols.	iges since the last reporting period in monitoring	system, process, or
certify, based on information and belief formed after reasonue, accurate, and complete.	onable inquiry, that the statements and information	on in this report are
ames Boland	Plant Manager	01/20/2024
NAME SIGNATURE	TITLE	01/29/2024 DATE

# SUMMARY REPORT OF EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e	e.g., SO <sub>2</sub> , NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
Parameter monitored: Temperature		
Reporting period dates: From July 1, 2023	toDecember 31, 2023	
Permit Number: 3841-121-0010-S-04-0	Permit Condition: 7.5.b	
Process unit/control device description: Catalytic Oxidizer.	Criteria for defining excess emission, exceed Average Daily Temperature < 269°F.	lance, or excursion:
Monitor manufacturer and Model No.:		
Yokawa Strip Chart Honeywell Trendline Recorder	Total number of times data collection was required in reporting period:	184
Date of latest monitor certification or audit:  Yokawa: July 2023  Honeywell: July 2023	Established frequency of data collection (e.g., hourly, daily):	Daily
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
Excess emissions, exceedances, or excursions in reporting period due to:	Monitor downtime in reporting period do	ue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes 0	e. Unknown causes	0
2. Total number of incidents 0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required] 0	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each inclowntime. Also attach a separate page to describe any controls.	cident of excess emissions, exceedances, excursions, or changes since the last reporting period in monitoring	or monitor system, process, or
certify, based on information and belief formed after rue, accurate, and complete.	reasonable inquiry, that the statements and informatio	n in this report are
ames Boland	Plant Manager	01/29/2024
NAME SIGNATU	URE TITLE	DATE

### EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE

(This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e.g., SO	2, NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
Parameter monitored: Destruction Efficiency / Outlet Co	oncentration (PPMV)	
Reporting period dates: From July 1, 2023	to December 31, 2023	
Permit Number: <u>3841-121-0010-S-04-0</u>	Permit Condition: 7.5.c	
Process unit/control device description: Dry Bed Reactor (DB1 - Back Vent)  Monitor manufacturer and Model No.:	Criteria for defining excess emission, excees 5.8.b: Single Weekly Measurement, Outlet oppmv. 5.8.c: Two Consecutive Weekly Measurement Concentration > 0.5 ppmv.	Concentration ≥ 0.9
Maintenance Technician Monitors DBR Efficiency Using StarBoost Gas Analyzer.	Total number of times data collection was required in reporting period:	11
Date of latest monitor certification or audit:  StarBoost: Daily Auto/Self Calibrtion	Established frequency of data collection (e.g., hourly, daily):	Weekly
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
<ol> <li>Excess emissions, exceedances, or excursions in reporting period due to:</li> </ol>	1. Monitor downtime in reporting period d	lue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes 0	e. Unknown causes	0
2. Total number of incidents 0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required] 0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each incident of downtime. Also attach a separate page to describe any change controls.  I certify, based on information and belief formed after reasonal	s since the last reporting period in monitoring	system, process, or
true, accurate, and complete.	ove organy, that the statements and information	in this report are
James Boland SIGNATURE SIGNATURE	Plant Manager	01/29/2024
SIGNATURE	TITLE	DATE

## EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or	via surrogate (e.g., SO	2, NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
	Efficiency / Outlet Co	- · · · · · · · · · · · · · · · · · · ·	
	y 1, 2023	to December 31, 2023	
Permit Number: 3841-121-0010-S	-04-0	Permit Condition: 7.5.c	
Process unit/control device description Dry Bed Reactor (DB1 - Back Vent)  Monitor manufacturer and Model No.		Criteria for defining excess emission, excee 5.8.b: Single Weekly Measurement, Outlet ppmv. 5.8.c: Two Consecutive Weekly Measureme Concentration > 0.5 ppmv.	Concentration ≥ 0.9
Maintenance Technician Monitors DE Picarro G2910 EO Analyzer.		Total number of times data collection was required in reporting period:	15
Date of latest monitor certification or audit: 02/21/2023	—	Established frequency of data collection (e.g., hourly, daily):	Weekly
Excess Emissions, Exceedances, or Ex Summary	cursions Data	Monitor Performance Summary	
Excess emissions, exceedances, o reporting period due to:	r excursions in	1. Monitor downtime in reporting period of	lue to:
a. Startup/shutdown	0	a. Monitor equipment malfunctions	0
<ul> <li>b. Control equipment problems</li> </ul>	0	b. Non-monitor equipment malfunctions	0
c. Process problems	0	c. Quality assurance calibration	0
d. Other known causes	0	d. Other known causes	0
e. Unknown causes	0	e. Unknown causes	0
2. Total number of incidents	0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required]	0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the defountime. Also attach a separate page controls.	etails of each incident of to describe any change	of excess emissions, exceedances, excursions, as since the last reporting period in monitoring	or monitor system, process, or
certify, based on information and beli rue, accurate, and complete.	ef formed after reasona	able inquiry, that the statements and informati	on in this report are
ames Boland		Plant Manager	01/29/2024
NAME	SIGNATURE	TITLE	DATE

# EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e.g., So	O <sub>2</sub> , NO <sub>x</sub> , Opacity): <u>Ethylene Oxide (EO)</u>	
Parameter monitored: <u>Destruction Efficiency / Outlet C</u>		
Reporting period dates: From July 1, 2023	to <u>December 31, 2023</u>	
Permit Number: 3841-121-0010-S-04-0	Permit Condition: 7.5.d	
Process unit/control device description: Dry Bed Reactor (DB2 - Fugitive Emissions)	Criteria for defining excess emission, exceed 5.9.a: Two Consecutive Weekly Measurement Concentration > 0.5 ppmv.	dance, or excursion: ents, Outlet
Monitor manufacturer and Model No.:		
Maintenance Technician Monitors DBR Efficiency Using StarBoost Gas Analyzer	Total number of times data collection was required in reporting period:	11
Date of latest monitor certification or audit:  Star Boost: Daily  Auto/Self Calibration	Established frequency of data collection (e.g., hourly, daily):	Weekly
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
Excess emissions, exceedances, or excursions in reporting period due to:	1. Monitor downtime in reporting period d	ue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes	e. Unknown causes	0
2. Total number of incidents 0  3. [Total number] x (100)	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required] 0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each incident of lowntime. Also attach a separate page to describe any changes controls.	f excess emissions, exceedances, excursions, or since the last reporting period in monitoring s	or monitor system, process, or
certify, based on information and belief formed after reasona rue, accurate, and complete.	ble inquiry, that the statements and information	n in this report are
ames Boland  NAME SIGNATURE	Plant Manager TITLE	01/29/2024 DATE
		<b></b>

# SUMMARY REPORT OF EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via	surrogate (e.g., SO	2, NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
Parameter monitored: <u>Destruction Eff</u>	ficiency / Outlet Co	oncentration (PPMV)	
Reporting period dates: From July 1, 2		to December 31, 2023	
Permit Number: 3841-121-0010-S-04-0	0	Permit Condition: 7.5.d	
Process unit/control device description: Dry Bed Reactor (DB2 - Fugitive Emission	ns)	Criteria for defining excess emission, excee 5.9.a: Two Consecutive Weekly Measureme Concentration > 0.5 ppmv.	dance, or excursion: ents, Outlet
Monitor manufacturer and Model No.:			
Maintenance Technician Monitors DBR En Picarro G2910 EO Analyzer.	fficiency Using	Total number of times data collection was required in reporting period:	15
Date of latest monitor certification or audit: 02/21/2023		Established frequency of data collection (e.g., hourly, daily):	Weekly
Excess Emissions, Exceedances, or Excurs Summary	ions Data	Monitor Performance Summary	
Excess emissions, exceedances, or exc reporting period due to:	ursions in	1. Monitor downtime in reporting period d	ue to:
a. Startup/shutdown	0	a. Monitor equipment malfunctions	0
<ul> <li>b. Control equipment problems</li> </ul>	0	b. Non-monitor equipment malfunctions	0
c. Process problems	0	c. Quality assurance calibration	0
d. Other known causes	0	d. Other known causes	0
e. Unknown causes	0	e. Unknown causes	0
2. Total number of incidents	0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required]	0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details lowntime. Also attach a separate page to details controls.	of each incident of scribe any changes	f excess emissions, exceedances, excursions, since the last reporting period in monitoring	or monitor system, process, or
certify, based on information and belief for rue, accurate, and complete.	rmed after reasonab	ole inquiry, that the statements and information	on in this report are
ames Boland		Plant Manager	01/00/000
NAME	SIGNATURE	TITLE	01/29/2024  DATE

### EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE

(This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Po	ollutant monitored, either directly or via surrogate (e.g., SC	O <sub>2</sub> , NO <sub>x</sub> , Opacity): Ethylene Oxide	
	rameter monitored: Destruction Efficiency / Outlet Co		
R	eporting period dates: From July 1, 2023	to <u>December 31, 2023</u>	
Pe	ermit Number: 3841-121-0010-S-04-0	Permit Condition: 7.5.d	
Pr Di	ocess unit/control device description: y Bed Reactor (DB3 - Fugitive Emissions)	Criteria for defining excess emission, excee 5.9.a: Two Consecutive Weekly Measurem Concentration > 0.5 ppmv.	edance, or excursion: ents, Outlet
M	onitor manufacturer and Model No.:		
Ma Sta	nintenance Technician Monitors DBR Efficiency Using urBoost Gas Analyzer.	Total number of times data collection was required in reporting period:	11
Da cer	te of latest monitor StarBoost: Daily Auto/Self tification or audit: Calibration	Established frequency of data collection (e.g., hourly, daily):	Weekly
Ex-	cess Emissions, Exceedances, or Excursions Data nmary	Monitor Performance Summary	
1.	Excess emissions, exceedances, or excursions in reporting period due to:	Monitor downtime in reporting period d	ue to:
	a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
	b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
	c. Process problems 0	c. Quality assurance calibration	0
	d. Other known causes 0	d. Other known causes	0
_	e. Unknown causes 0	e. Unknown causes	0
2.	Total number of incidents 0	2. Total monitor downtime	0
3.	[Total number] x (100) [Total number of times data collection was required] 0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Atta dow cont	ch separate forms to tabulate the details of each incident of on time. Also attach a separate page to describe any changes rols.	f excess emissions, exceedances, excursions, since the last reporting period in monitoring	or monitor system, process, or
I cer true,	tify, based on information and belief formed after reasonal accurate, and complete.	ole inquiry, that the statements and information	n in this report are
Jame	NAME SIGNATURE	Plant Manager TITLE	01/29/2024
		HILE	DATE

# SUMMARY REPORT OF EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e.g.	., SO <sub>2</sub> , NO <sub>x</sub> , Opacity): Ethylene Oxide	
Parameter monitored: Destruction Efficiency / Outle		
Reporting period dates: From July 1, 2023	to December 31, 2023	
Permit Number: 3841-121-0010-S-04-0	Permit Condition: 7.5.d	
Process unit/control device description: Dry Bed Reactor (DB3 - Fugitive Emissions)	Criteria for defining excess emission, excee 5.9.a: Two Consecutive Weekly Measurem Concentration > 0.5 ppmv.	dance, or excursion: ents, Outlet
Monitor manufacturer and Model No.:		
Maintenance Technician Monitors DBR Efficiency Using Picarro G2910 EO Analyzer.	Total number of times data collection was required in reporting period:	15
Date of latest monitor certification or audit: 02/21/2023	Established frequency of data collection (e.g., hourly, daily):	Weekly
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
Excess emissions, exceedances, or excursions in reporting period due to:	1. Monitor downtime in reporting period d	ue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes 0	e. Unknown causes	0
2. Total number of incidents 0	2. Total monitor downtime	0
3. [Total number] x (100) [Total number of times data collection was required] 0	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each incide downtime. Also attach a separate page to describe any charcontrols.	ent of excess emissions, exceedances, excursions, inges since the last reporting period in monitoring	or monitor system, process, or
I certify, based on information and belief formed after reas- true, accurate, and complete.	onable inquiry, that the statements and informatio	n in this report are
James Boland	Plant Manager	01/00/0004
NAME SIGNATURE	TITLE	01/29/2024 DATE

## EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly or via surrogate (e.g., So	O <sub>2</sub> , NO <sub>x</sub> , Opacity): Ethylene Oxide (EO)	
Parameter monitored: Negative Pressure / Indoor Air		
Reporting period dates: From July 1, 2023	to December 31, 2023	· · · · · · · · · · · · · · · · · · ·
Permit Number: <u>3841-121-0010-S-04-0</u>	Permit Condition: 7.5.e	
Process unit/control device description: Natural Draft Opening (NDO) With Streamers	Criteria for defining excess emission, excee When a Streamer Is Not In Motion And Con (Negative Pressure) Is Not Coming Into The	ntinuous Air Flow
Monitor manufacturer and Model No.:		
Maintenance Technician Monitors.	Total number of times data collection was required in reporting period:	184
Date of latest monitor certification or audit: N/A	Established frequency of data collection (e.g., hourly, daily):	Daily
Excess Emissions, Exceedances, or Excursions Data Summary	Monitor Performance Summary	
Excess emissions, exceedances, or excursions in reporting period due to:	Monitor downtime in reporting period d	ue to:
a. Startup/shutdown 0	a. Monitor equipment malfunctions	0
b. Control equipment problems 0	b. Non-monitor equipment malfunctions	0
c. Process problems 0	c. Quality assurance calibration	0
d. Other known causes 0	d. Other known causes	0
e. Unknown causes 0	e. Unknown causes	0
2. Total number of incidents 0	2. Total monitor downtime	_0
3. [Total number] x (100) [Total number of times data collection was required] 0 %	3. [Total monitor downtime] x (100) [Total source operating time]	0 %
Attach separate forms to tabulate the details of each incident of downtime. Also attach a separate page to describe any change controls.  certify, based on information and belief formed after reasonarue, accurate, and complete.	s since the last reporting period in monitoring	system, process, or
ames Boland	Plant Manager	01/29/2024
NAME SIGNATURE	TITLE	DATE

# EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly of	or via surrogate (e.g., S(	O <sub>2</sub> , NO <sub>x</sub> , Opacity):	Ethlyene Oxide	
Parameter monitored: <u>Destruction</u>	on Efficiency / Outlet C	oncentration (PPMV)		
Reporting period dates: From Ju	ly 1, 2023	to	December 31, 2023	
Permit Number: <u>3841-121-0010-9</u>	S-04-0	Permit Condition:	7.5.f	
Process unit/control device description Dry Bed Reactors (DB1, DB2, & DB	on: 33)	Dry Bed Reactor M	g excess emission, exce laterial Not Replaced W estruction Efficiency.	edance, or excursion: /ithin Thirty (30)
Monitor manufacturer and Model No	.:		-	
Maintenance Technician Monitors Dl StarBoost Gas Analyzer.	BR Efficiency Using	Total number of tim	nes data collection was g period:	11
Date of latest monitor certification or audit:  StarBoost: Calibration	Daily Auto/Self	Established frequen (e.g., hourly, daily):	cy of data collection	Weekly
Excess Emissions, Exceedances, or E. Summary	xcursions Data	Monitor Performance	ce Summary	
Excess emissions, exceedances, or reporting period due to:	or excursions in	1. Monitor downti	me in reporting period	due to:
a. Startup/shutdown	0	a. Monitor eq	uipment malfunctions	0
<ul> <li>b. Control equipment problems</li> </ul>	_0	b. Non-monit	or equipment ns	0
c. Process problems	_0	c. Quality ass	urance calibration	0
d. Other known causes	0	d. Other know	n causes	0
e. Unknown causes	0	e. Unknown c	auses	0
2. Total number of incidents	0	2. Total monitor de	owntime	0
3. [Total number] x (100) [Total number of times data collection was required]	0%	3. [Total monitor d	lowntime] x (100) erating time]	0 %
Attach separate forms to tabulate the downtime. Also attach a separate page controls.	to describe any enanger	s since the last reporti	ng period in monitoring	system, process, or
I certify, based on information and beli true, accurate, and complete.	ef formed after reasona	ble inquiry, that the st	atements and informati	on in this report are
James Boland		PI	ant Manager	01/20/2024
NAME	SIGNATURE	11	TITLE	01/29/2024 DATE

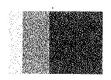
# EXCESS EMISSIONS, EXCEEDANCES, OR EXCURSIONS AND MONITORING SYSTEM PERFORMANCE (This format to be used when monitoring is based on periodic or intermittent data collection)



Company name and location:

Pollutant monitored, either directly	or via surrogate (e.g., So	O <sub>2</sub> , NO <sub>x</sub> , Opacity): F	Ethlyene Oxide			
	on Efficiency / Outlet C		July one Oxide			
D	ıly 1, 2023		Dagambar 21, 2022	<del>-</del>		
Permit Number: 3841-121-0010-		Permit Condition:	December 31, 2023			
Process unit/control device description: Dry Bed Reactors (DB1, DB2, & DB3)		Permit Condition: 7.5.f  Criteria for defining excess emission, exceedance, or excursion: Dry Bed Reactor Material Not Replaced Within Thirty (30) Days of Reduced Destruction Efficiency.				
Monitor manufacturer and Model No	). <b>:</b>		·	*		
Maintenance Technician Monitors DBR Efficiency Using Picarro G2910 EO Analyzer.		Total number of times data collection was required in reporting period:				
Date of latest monitor certification or audit: 02/21/2023		Established frequency of data collection (e.g., hourly, daily):		Weekly		
Excess Emissions, Exceedances, or Excursions Data Summary		Monitor Performance Summary				
Excess emissions, exceedances, or reporting period due to:	or excursions in	1. Monitor downtime	e in reporting period d	lue to:		
a. Startup/shutdown	0	a. Monitor equip	oment malfunctions	0		
<ul><li>b. Control equipment problems</li></ul>	0	b. Non-monitor malfunctions			_	
c. Process problems	0	10.000	ance calibration	0	-	
d. Other known causes	0	d. Other known		0	-	
e. Unknown causes	0	e. Unknown caus		0		
2. Total number of incidents	0	2. Total monitor dow	ntime	0	-	
3. [Total number] x (100) [Total number of times data collection was required]	_0%	3. [Total monitor dow [Total source operation]	vntime] x (100) tting time]	0	- . %	
Attach separate forms to tabulate the downtime. Also attach a separate page controls.	etails of each incident of to describe any changes	f excess emissions, exces since the last reporting	edances, excursions, of period in monitoring s	or monitor system, process,	or	
I certify, based on information and beli- true, accurate, and complete.	ef formed after reasonal	ole inquiry, that the state	ements and information	n in this report a	re	
James Boland		~				
NAME	SIGNATURE		Manager TTLE	01/29/2024 DATE		

### Sterilization Services of Georgia 6005 Boat Rock Blvd. Atlanta, GA 30336



January 29, 2024

Sean Taylor Georgia Air Protection Branch 4244 International Parkway, Suite 120 Atlanta, GA 30354

Hazardous Chemical: Ethylene Oxide

**Description of Services:** Sterilization of Medical Devices

Ethylene Oxide usage for the last twelve months for Sterilization Services of Georgia

Month	LBs Usage	Tons Usage	12-Month Rolling Total, LBs	12-Month Rolling Total, Tons	Calculated EO Emissions, LBs
Jan-23	5,942.50	2.97	108,738.80	54.37	1.47
Feb-23	9,822.90	4.91	112,206.80	56.10	2.43
Mar-23	9,123.70	4.56	111,952.10	55.98	2.25
Apr-23	6,438.20	3.22	107,708.00	53,85	1.59
May-23	10,015.30	5.01	106,506.40	53.25	2.47
Jun-23	10,606.60	5.30	109,423.60	54.71	5.02
Jul-23	7,847.40	3.92	107,506.50	53.75	3.09
Aug-23	8,103.20	4.05	104,576.90	52,29	3.17
Sep-23	9,748.50	4.87	106,093.00	53.05	3.61
Oct-23	9,222.10	4.61	105,648.80	52.82	3.48
Nov-23	10,260.50	5.13	107,325.30	53.66	3.75
Dec-23	8,796.40	4.40	105,927.30	52.96	3.36

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