

# e-GGRT

## Electronic Greenhouse Gas Reporting Tool



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## **Reporting GHG Data for Subpart RR—Geologic Sequestration of Carbon Dioxide**

**U.S. Environmental Protection Agency**  
Greenhouse Gas Reporting Program (GHGRP)

# Overview of Webinar

- Subpart RR reporting in e-GGRT
- Review and submission of the Subpart RR reporting form
- Help Desk

# Overview of Subpart RR

## e-GGRT Greenhouse Gas Data Reporting (2017)

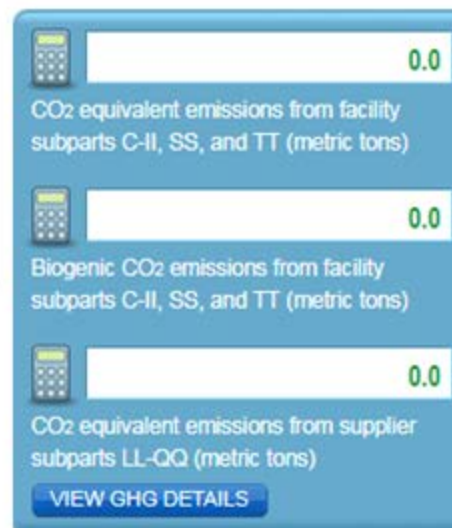
Select Facility » Facility or Supplier Overview

### FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons.

After data reporting is complete, you can initiate the annual report review and submission process from this page by using the SUBMIT button (or RESUBMIT for subsequent submissions if needed).

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))



0.0  
CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons)


0.0  
Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons)

0.0  
CO2 equivalent emissions from supplier subparts LL-QQ (metric tons)

[VIEW GHG DETAILS](#)

### 1) GHG DATA REPORTING

Select appropriate subparts and complete data entry. Data Entry Validation Messages will ensure you have provided all required data and avoided common data entry mistakes.

2017 Reporting Source or Supplier Category	Validation Messages?	Subpart Reporting
Subpart A—General Information	None	<a href="#">OPEN</a>
Subpart RR—Geologic Sequestration of Carbon Dioxide	Cannot Submit-View Critical Errors 	<a href="#">OPEN</a>

[+](#) ADD or REMOVE Subparts

If you are a RR reporter, please add RR to your list of required subparts.

# Subpart RR Facility Level Information

Fredril Technologies Inc  
Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)  
Subpart Overview • Facility Information

**SUBPART RR FACILITY LEVEL INFORMATION**  
This page provides an overview of facility level information for each facility reported under Subpart RR. You must respond to all questions on this page.

**FACILITY LEVEL INFORMATION**  
The facility will calculate geologic sequestration of CO<sub>2</sub> using...  
 Equation RR-11: the facility is actively producing oil or natural gas or is producing any other fluids  
 Equation RR-12: the facility is not actively producing oil or natural gas and is not producing any other fluids

Mass of CO<sub>2</sub> emitted annually from equipment leaks and vented emissions of CO<sub>2</sub> from equipment located on the surface between the flow meter used to measure injection quantity and the injection wellhead (metric tons) **1**

Mass of CO<sub>2</sub> emitted annually from equipment leaks and vented emissions of CO<sub>2</sub> from equipment located on the surface between the production wellhead and the flow meter used to measure production quantity (metric tons)

Identify source(s) of CO<sub>2</sub> received **2**

CO<sub>2</sub> production wells  
 Electric generating unit  
 Ethanol plant  
 Pulp and paper mill  
 Natural gas processing  
 Gasification operations  
 Other anthropogenic source  
 Discontinued enhanced oil and gas recovery project  
 Unknown

Date the facility began collecting data for calculating total amount sequestered according to §98.448(a)(7) of this subpart

The entrained CO<sub>2</sub> in produced oil or other fluid divided by the CO<sub>2</sub> separated through all separators in the reporting year (decimal fraction)  
The value will be used as the value for X in Equation RR-9, the summation equation for all separator flow meters (equations RR-7 and RR-8), of this subpart and as determined according to your EPA-Approved MRV Plan.

**MRV PLAN**  
Does the facility have an approved MRV plan?  
 Yes  
 No **3**

EPA Approval Date of the most recently approved MRV plan

MRV plan approval number that was issued by EPA

**CUMULATIVE MASS OF CO<sub>2</sub>**  
Cumulative mass of CO<sub>2</sub> reported as sequestered in subsurface geologic formations in all years since the well or group of wells became subject to reporting requirements under this subpart (metric tons) **4**

Enter/Report Alternate Result

**QUANTITIES OF CO<sub>2</sub> SEQUESTERED CONTRIBUTING TO CUMULATIVE MASS**  
The table below includes all values used to calculate the current reporting year's cumulative mass of CO<sub>2</sub> sequestered. If the cumulative mass value was overridden in a given reporting year, that value will be shown in the column on the right. Values in bold blue font are those that the system has used to calculate the current reporting year's cumulative mass value.

Reporting Year	Mass of CO <sub>2</sub> reported as sequestered in subsurface geologic formations (metric tons)	Cumulative Mass of CO <sub>2</sub> Overridden Value, if any (metric tons)
2017		

**ANNUAL MONITORING REPORT**

Uploaded File Name	Attached By	Date	Delete
None entered			

ADD an Attachment **5**

1) DOWNLOAD FORM  
Subpart RR Injection Well Smart Form

2) UPLOAD COMPLETED SUBPART RR INJECTION WELL SMART FORM

Browse... No file selected. UPLOAD

Upload one or more Subpart RR injection well smart forms. You may locate this form for download by using the "Subpart RR Injection Well Smart Form" link provided above.

Uploaded File Name	Attached By	Date	Delete
No file uploaded			

SAVE CANCEL

- Initially when you open Subpart RR for the first time you will be presented with the Facility Level Information Screen.
- It consists of 5 parts:
  - Use of Eq. RR-11 or RR-12
  - CO<sub>2</sub> source identification
  - MRV plan
  - Cumulative Mass of CO<sub>2</sub> Sequestered
  - Annual Monitoring Report and Injection Well Attachments

# Eq. RR-11 or RR-12 Selection

## FACILITY-LEVEL INFORMATION

The facility will calculate geologic\*  
sequestration of CO<sub>2</sub> using...

- Equation RR-11: the facility is actively producing oil or natural gas or is producing any other fluids
- Equation RR-12: the facility is not actively producing oil or natural gas and is not producing any other fluids

Mass of CO<sub>2</sub> emitted annually from equipment leaks and vented emissions of CO<sub>2</sub> from equipment located on the surface between the flow meter used to measure injection quantity and the injection wellhead

(metric tons)

or

## FACILITY-LEVEL INFORMATION

The facility will calculate geologic\*  
sequestration of CO<sub>2</sub> using...

- Equation RR-11: the facility is actively producing oil or natural gas or is producing any other fluids
- Equation RR-12: the facility is not actively producing oil or natural gas and is not producing any other fluids

Mass of CO<sub>2</sub> emitted annually from equipment leaks and vented emissions of CO<sub>2</sub> from equipment located on the surface between the flow meter used to measure injection quantity and the injection wellhead

(metric tons)

Mass of CO<sub>2</sub> emitted annually from equipment leaks and vented emissions of CO<sub>2</sub> from equipment located on the surface between the production wellhead and the flow meter used to measure production quantity

(metric tons)

# CO<sub>2</sub> Source Selection

Identify source(s) of CO<sub>2</sub> received

- CO<sub>2</sub> production wells
- Electric generating unit
- Ethanol plant
- Pulp and paper mill
- Natural gas processing
- Gasification operations
- Other anthropogenic source
- Discontinued enhanced oil and gas recovery project
- Unknown

Date the facility began collecting data for calculating total amount sequestered according to §98.448(a)(7) of this subpart

The entrained CO<sub>2</sub> in produced oil or other fluid divided by the CO<sub>2</sub> separated through all separators in the reporting year

 (decimal fraction)

The value will be used as the value for X in Equation RR-9, the summation equation for all separator flow meters (equations RR-7 and RR-8), of this subpart and as determined according to your EPA-Approved MRV Plan.

## MRV PLAN

Does the facility have an approved MRV plan?  Yes  
 No

EPA Approval Date of the most recently  
approved MRV plan

MRV plan approval number that was issued by  
EPA



# Cumulative Mass of CO<sub>2</sub> Sequestered

## CUMMULATIVE MASS OF CO<sub>2</sub>

Cumulative mass of CO<sub>2</sub> reported as sequestered in subsurface geologic formations in all years since the well or group of wells became subject to reporting requirements under this subpart

542309.2 (metric tons)

Enter/Report Alternate Result

## QUANTITIES OF CO<sub>2</sub> SEQUESTERED CONTRIBUTING TO CUMULATIVE MASS

The table below includes all values used to calculate the current reporting year's cumulative mass of CO<sub>2</sub> sequestered. If the cumulative mass value was overridden in a given reporting year, that value will be shown in the column on the right. Values in **bold blue** font are those that the system has used to calculate the current reporting year's cumulative mass value.

Reporting Year	Mass of CO <sub>2</sub> reported as sequestered in subsurface geologic formations (metric tons)	Cummulative Mass of CO <sub>2</sub> Override Value, if any (metric tons)
2016	<b>263410.3</b>	
2017	<b>278898.9</b>	

# Annual Monitoring Report and Injection Well Identification

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Attach Monitoring Report](#)

### ANNUAL MONITORING REPORT

In addition to entering data in this reporting form, you are also required to submit an annual monitoring report that, at a minimum, contains the items on this page.

Use the upload link at the bottom of this page to attach the annual monitoring report.

### ANNUAL MONITORING REPORT

Your Annual Monitoring Report should include:

- (i) A narrative history of the monitoring efforts conducted over the previous calendar year, including a listing of all monitoring equipment that was operated, its period of operation, and any relevant tests or surveys that were conducted.
- (ii) A description of any changes to the monitoring program that you concluded were not material changes warranting submission of a revised MRV plan under §98.448(d).
- (iii) A narrative history of any monitoring anomalies that were detected in the previous calendar year and how they were investigated and resolved.
- (iv) A description of any surface leakages of CO<sub>2</sub>, including a discussion of all methodologies and technologies involved in detecting and quantifying the surface leakages and any assumptions and uncertainties involved in calculating the amount of CO<sub>2</sub> emitted.

Select file to upload

Choose File

No file chosen

SAVE

CANCEL

# Annual Monitoring Report and Injection Well Identification (continued)

## 1.) DOWNLOAD FORM

[Subpart RR Injection Well Smart Form](#)

## 2.) UPLOAD COMPLETED SUBPART RR INJECTION WELL SMART FORM

No file selected.

Upload one or more Subpart RR injection well smart forms. You may locate this form for download by using the "Subpart RR Injection Well Smart Form" link provided above.

Uploaded File Name	Attached By	Date	Delete
No file uploaded.			

- Download the Subpart RR Injection Well Smart Form. For each well provide:
  - Well Identification No.
  - Underground Injection Control Permit Class

# Annual Monitoring Report and Injection Well Identification (continued)

Subpart RR - Geologic Sequestration of Carbon Dioxide

## 1. Facility and Injection Well Identification

### Worksheet Instructions:

This worksheet provides a form for Subpart RR reporters to record the Injection Well Numbers and their respective UI Control Permit Classes. Once this form is complete, upload it to e-GGRT using the injection well list upload feature on the Facility Level Information page.

### Version:

R.01

### External Links:

Subpart RR Resources Page:

<https://www.epa.gov/ghgreporting/subpart-rr-geologic-sequestration-carbon-dioxide>

Subpart RR Help Page:

<https://www.ccdsupport.com/confluence/display/help/Subpart+RR+-+Geologic+Sequestration+of+Carbon+Dioxide>

Reporting Form Help Content:

<http://www.ccdsupport.com/confluence/display/help/Reporting+Form+Instructions>

1a.) Fill out the following table with general information about this facility



A1	A2
Facility Name:	
GHGRP ID:	
Reporting Period:	
Comments: (optional)	

1b.) Fill out the following table listing all Injection Wells associated with the facility

B1	B2
Well Identification Number [§98.446(13.i)]	Underground Injection Control Permit Class [§98.446(13.ii)]

# Annual Monitoring Report and Injection Well Identification (continued)

## ANNUAL MONITORING REPORT

Uploaded File Name	Attached By	Date	Delete
 PDT Inc Annual Monitoring Plan RY17.docx	M Huppert	January 24, 2018 1:44 PM	

[+ ADD an Attachment](#)


### 1.) DOWNLOAD FORM

[▶ Subpart RR Injection Well Smart Form](#)

### 2.) UPLOAD COMPLETED SUBPART RR INJECTION WELL SMART FORM

No file selected.

Upload one or more Subpart RR injection well smart forms. You may locate this form for download by using the "Subpart RR Injection Well Smart Form" link provided above.

Uploaded File Name	Attached By	Date	Delete
PDT Inc Subpart RR Injection Well Identification Form 2017.xls	M Huppert	January 17, 2018	

# RR Overview – after Facility Info entered (Eq RR- 12)

## FACILITY INFORMATION

Calculation Method	Most Recently Approved MRV Plan	Sources of CO <sub>2</sub> Received	
Equation RR-12	34462	CO <sub>2</sub> production wells, Natural gas processing	<a href="#">OPEN</a>

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>	Delete
None entered					

[+ ADD a Flow Meter or Container](#)

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>	Delete
None entered				

[+ ADD an Injection Flow Meter](#)

## LEAKAGE PATHWAYS

Unit Name/Identifier	Annual CO <sub>2</sub> Emitted (metric tons)	Status <sup>1</sup>	Delete
None entered			

[+ ADD a Leakage Pathway](#)

[↑ Facility Overview](#)

# RR Overview – after Facility Info entered (Eq RR- 11)

## FACILITY INFORMATION

Calculation Method	Most Recently Approved MRV Plan	Sources of CO <sub>2</sub> Received	
Equation RR-11	34462	CO <sub>2</sub> production wells, Natural gas processing	<a href="#">OPEN</a>

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>	Delete
None entered					

[+ ADD a Flow Meter or Container](#)

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>	Delete
None entered				

[+ ADD an Injection Flow Meter](#)

## SEPARATOR FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Produced (metric tons)	Status <sup>1</sup>	Delete
None entered				

[+ ADD a Separator Flow Meter](#)

## LEAKAGE PATHWAYS

Unit Name/Identifier	Annual CO <sub>2</sub> Emitted (metric tons)	Status <sup>1</sup>	Delete
None entered			


[+ ADD a Leakage Pathway](#)

[↑ Facility Overview](#)

# Receiving Flow Meters and Containers

Start entering data to support mass received and redelivered (Eq. RR-1 and Eq. RR-2) by adding Flow Meters and Containers on the RR Overview Page:

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>	Delete
None entered					
<a href="#">+ ADD a Flow Meter or Container</a> 					



# Add a Receiving Flow Meter or Container

## FLOW METER OR CONTAINER

Use this page to uniquely identify each receiving flow meter or container. For additional information about adding and editing subpart RR flow meters, containers, or leakage pathways, please use the e-GGRT Help link(s) provided.

\* denotes a required field

### UNIT INFORMATION

Name or ID *	<input type="text"/>	(40 characters maximum)
Description (optional)	<input type="text"/>	
Type *	Select ▼	

### MEASUREMENT TYPE

Specify measurement type \*

Mass basis

Volumetric basis

# Add a Receiving Flow Meter or Container (continued)

- If you select Flow Meter:

## CO<sub>2</sub> INJECTION

Is CO<sub>2</sub> received at the facility mixed with other supplies of CO<sub>2</sub> or are the procedures in 98.444(a)(4) followed?

- CO<sub>2</sub> is wholly injected and not mixed with any other supply of CO<sub>2</sub> and the procedures in 98.444(a)(4) are followed.
- CO<sub>2</sub> is not wholly injected or is mixed with other supplies of CO<sub>2</sub> or the procedures 98.444(a)(4) are not followed.

- If you selected “CO<sub>2</sub> is wholly injected and not mixed with any other supply of CO<sub>2</sub> and the procedures in 98.444(a)(4) are followed”, you will not be required to enter quarterly data to support Eq. RR-1 or Eq. RR-2

# Add a Receiving Flow Meter or Container (continued)

- If you selected “CO<sub>2</sub> is not wholly injected or is mixed with other supplies of CO<sub>2</sub> or the procedures of 98.444(a)(4) are not followed.”, you must click Open to enter data supporting Eq. RR-1 or Eq. RR-2

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>	Delete
 Flow Meter 1	Flow Meter	Volumetric		Incomplete	 

 [ADD a Flow Meter or Container](#)

# Enter Eq RR-1 or Eq RR-2 Data (Flow Meters)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Flow Meter 00](#) » [Eq. RR-2](#)

### NET ANNUAL MASS OF CO<sub>2</sub> RECEIVED

For a volumetric flow meter, you must calculate the total annual mass of CO<sub>2</sub> in a CO<sub>2</sub> stream received in metric tons by multiplying the volumetric flow at standard conditions by the CO<sub>2</sub> concentration in the flow and the density of CO<sub>2</sub> at standard conditions, according to Equation RR-2.

#### Equation Summary (RR-2)

- Q: Quarterly Volume Received
- S: Quarterly Volume Redelivered
- C: Quarterly CO<sub>2</sub> Concentration

(Eq. RR-2) Net annual mass of CO<sub>2</sub> received (metric tons)

### EQUATION RR-2 SUMMARY AND RESULT

$$CO_{2T,r} = \sum_{p=1}^4 (Q_{r,p} - S_{r,p}) \times D \times C_{CO_{2p,r}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (standard cubic meters)	S (standard cubic meters)	C (vol. %CO <sub>2</sub> )	D (metric tons per scm)	Result
1				0.0018682	
2				0.0018682	
3				0.0018682	
4				0.0018682	

Incomplete — [View Validation](#)

- Report which CO<sub>2</sub> result?
- Use the calculated result rounded
  - Enter my own result (value will be rounded)

FINISHED

CANCEL

NEXT →

Enter the data supporting Eq. RR-1 or Eq. RR-2 by clicking Quarterly Volume received or Next at the bottom of the screen

This example uses Eq. RR-2

# Quarterly Volume Received

## QUARTERLY VOLUME RECEIVED

Please provide the volumetric flow through the receiving flow meter for each quarter. For additional information about entering volumetric flow data, please use the e-GGRT Help link(s) provided.

### ▸ [Equation Summary \(RR-2\)](#)

- ▢ Q: Quarterly Volume Received
- ▢ S: Quarterly Volume Redelivered
- ▢ C: Quarterly CO<sub>2</sub> Concentration

### VOLUMETRIC FLOW (QUARTER 1, JANUARY TO MARCH)

Volumetric flow through the receiving flow meter in the quarter  (standard cubic meters)

Standard or method used to calculate the volumetric flow through the receiving flow meter in the quarter

Number of days for which substitute data procedures were used to calculate the volumetric flow through the receiving flow meter in the quarter  (days)

[←BACK](#)

[NEXT→](#)

For each quarter you must enter volume received, method use to calculate the flow number, and the number of days substitute data were used.

# Quarterly Volume Redelivered

## QUARTERLY VOLUME RECEIVED THAT IS REDELIVERED

Please provide the volumetric flow through the receiving flow meter that is redelivered to another facility without being injected into your well for each quarter. For additional information about entering volumetric flow data, please use the e-GGRT Help link(s) provided.

### ▷ Equation Summary (RR-2)

▷ Q: Quarterly Volume Received

▷ S: Quarterly Volume Redelivered

▷ C: Quarterly CO<sub>2</sub> Concentration

## VOLUMETRIC FLOW REDELIVERED (QUARTER 1, JANUARY TO MARCH)

Volumetric flow through the receiving flow meter that is redelivered to another facility without being injected into your well in the quarter  (standard cubic meters)

Standard or method used to calculate the volumetric flow through the receiving flow meter that is redelivered to another facility without being injected into your well in the quarter

Number of days for which substitute data procedures were used to calculate the volumetric flow through the receiving flow meter that is redelivered to another facility without being injected into your well in the quarter  (days)

←BACK

NEXT→

For each quarter you must enter volume redelivered, method use to calculate the redelivery number, and the number of days substitute data were used.

# Quarterly CO<sub>2</sub> Concentration

## QUARTERLY CARBON DIOXIDE CONCENTRATION

Please provide the concentration of carbon dioxide (CO<sub>2</sub>) in the flow meter's volumetric flow for each quarter. For additional information about entering concentration data, please use the e-GGRT Help link(s) provided.

### ▸ [Equation Summary \(RR-2\)](#)

▸ [Q: Quarterly Volume Received](#)

▸ [S: Quarterly Volume Redelivered](#)

▮ [C: Quarterly CO<sub>2</sub> Concentration](#)

## VOLUMETRIC CO<sub>2</sub> CONCENTRATION (QUARTER 1, JANUARY TO MARCH)

CO<sub>2</sub> concentration in the quarter  (volume %CO<sub>2</sub> as a decimal fraction;  $0 \leq x \leq 1.0$ )

Standard or method used to calculate CO<sub>2</sub> concentration in the quarter

Were substitute data procedures used to calculate the CO<sub>2</sub> concentration in the quarter?  
 Yes  
 No

[←BACK](#)

[SUMMARY→](#)

For each quarter you must enter CO<sub>2</sub> concentration, method use to calculate the concentration number, and the number of days substitute data were used.

# Completed Eq RR-1 or Eq RR-2 Data (Flow Meters)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)


[Subpart Overview](#) » [Flow Meter Flow 1](#) » [Eq. RR-2](#)

### NET ANNUAL MASS OF CO<sub>2</sub> RECEIVED

For a volumetric flow meter, you must calculate the total annual mass of CO<sub>2</sub> in a CO<sub>2</sub> stream received in metric tons by multiplying the volumetric flow at standard conditions by the CO<sub>2</sub> concentration in the flow and the density of CO<sub>2</sub> at standard conditions, according to Equation RR-2.

#### Equation Summary (RR-2)

- ▷ Q: Quarterly Volume Received
- ▷ S: Quarterly Volume Redelivered
- ▷ C: Quarterly CO<sub>2</sub> Concentration



1,416,219.3

(Eq. RR-2) Net annual mass of CO<sub>2</sub> received (metric tons)

### EQUATION RR-2 SUMMARY AND RESULT

$$CO_{2T,r} = \sum_{p=1}^4 (Q_{r,p} - S_{r,p}) \times D \times C_{CO_{2p,r}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (standard cubic meters)	S (standard cubic meters)	C (vol. %CO <sub>2</sub> )	D (metric tons per scm)	Result
1	190,805,903	35,000	0.98	0.0018682	349,681.539
2	194,003,450	34,000	0.98	0.0018682	355,544.4501
3	196,972,502	35,000	0.98	0.0018682	360,984.8657
4	190,981,275	32,000	0.98	0.0018682	350,008.4935
					<b>1,416,219.3483</b>

- Report which CO<sub>2</sub> result?
- Use the calculated result rounded (1,416,219.3 metric tons)
- Enter my own result (value will be rounded)







# Enter Eq RR-1 or Eq RR-2 Data (Containers)

If you receive CO<sub>2</sub> in containers then provide data supporting receipts and redeliveries of CO<sub>2</sub> in containers, and provide the mass or volume of CO<sub>2</sub> received, redelivered and its concentration."

Data entry for containers follow a similar logic to flow meters.

After entering all your data for receiving flow meters and containers your RR Overview will look something like:

## FLOW METERS AND CONTAINERS


Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>		Delete
 Containers	Container	Mass	82,859.0	Complete	<a href="#">OPEN</a>	
 Flow 1	Flow Meter	Volumetric	1,416,219.3	Complete	<a href="#">OPEN</a>	

[+ ADD a Flow Meter or Container](#)

# Injection Flow Meters

Start entering data to support mass injected (Eq. RR - 4 and Eq. RR - 5) by adding Injection Flow Meters on the RR Overview Page:

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>	Delete
None entered				
<a href="#">+ ADD an Injection Flow Meter</a> 				

# Injection Flow Meters (continued)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Injection Flow Meter 1](#) » [Edit Injection Flow Meter](#)

### INJECTION FLOW METER

Use this page to uniquely identify each injection flow meter. For additional information about adding and editing subpart RR injection flow meters, please use the e-GGRT Help link(s) provided.

\* denotes a required field

#### UNIT INFORMATION

Name or ID *	<input type="text" value="Injection Flow Meter 1"/>	(40 characters maximum)
Description (optional)	<input type="text"/>	
Type	Injection Flow Meter	

#### MEASUREMENT TYPE

Specify measurement type *	<input checked="" type="radio"/> Mass basis
	<input type="radio"/> Volumetric basis

#### FLOW METER LOCATION

Flow meter location *	<input type="text" value="Located immediately upstream of injection well, Injection Well 1, and downstream of the receiving custody flow meter and the outlet of the recycling unit"/>
-----------------------	--

SAVE

CANCEL

# Injection Flow Meters (continued)

Click “Open” next to the Injection Flow Meter to begin entering the data to support Eq. RR-4 and Eq. RR-5

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>		Delete
 Injection Flow Meter 1	Mass		Incomplete	<b>OPEN</b>	

[+ ADD an Injection Flow Meter](#)

# Injection Flow Meters (continued)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)


[Subpart Overview](#) » [Injection Flow Meter Injection Flow Meter 1](#) » [Eq. RR-4](#)

**NET ANNUAL MASS OF CO<sub>2</sub> INJECTED**

For a mass injection flow meter, you must calculate the total annual mass of CO<sub>2</sub> injected in metric tons by multiplying the mass flow by the CO<sub>2</sub> concentration in the flow, according to Equation RR-4.

**Equation Summary (RR-4)**

- ▷ [Q: Quarterly Mass Flow Rate](#) ←
- ▷ [C: Quarterly CO<sub>2</sub> Concentration](#)




(Eq. RR-4) Annual mass of CO<sub>2</sub> injected (metric tons)

Enter the data supporting Eq. RR-4 or Eq RR-5 by clicking Quarterly Mass Flow Rate or Next at the bottom of the screen

### EQUATION RR-4 SUMMARY AND RESULT

$$CO_{2,u} = \sum_{p=1}^4 Q_{p,u} \times C_{CO_{2,p,u}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (metric tons)	C (wt. %CO <sub>2</sub> )	Result
1			
2			
3			
4			

Incomplete — [View Validation](#)

Report which CO<sub>2</sub> result?

Use the calculated result rounded

Enter my own result (value will be rounded)

[FINISHED](#) [CANCEL](#) [NEXT](#)

This example uses Eq. RR-4

# Injection Flow Meters: Quarterly Flow Rates

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » Injection Flow Meter Injection Flow Meter 1 » [Eq. RR-4](#)

### QUARTERLY MASS FLOW

Please provide the mass flow through the injection flow meter for each quarter. For additional information about entering mass flow rate data, please use the e-GGRT Help link(s) provided.

▷ [Equation Summary \(RR-4\)](#)

▷▷ Q: Quarterly Mass Flow Rate

▷ C: Quarterly CO<sub>2</sub> Concentration

MASS FLOW (QUARTER 1, JANUARY TO MARCH)

Mass flow through the injection flow meter in the quarter  (metric tons)

Standard or method used to calculate the mass flow through the injection flow meter in the quarter

Number of days for which substitute data procedures were used to calculate the mass flow through the injection flow meter in the quarter  (days)

[←BACK](#)

[NEXT→](#)

For each quarter you must enter mass flow through the injection flow meter, method used to calculate the flow number, and the number of days substitute data were used. 30

# Injection Flow Meters: Quarterly CO<sub>2</sub> Concentrations

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Injection Flow Meter Injection Flow Meter 1](#) » [Eq. RR-4](#)

### QUARTERLY CARBON DIOXIDE CONCENTRATION

Please provide the concentration of carbon dioxide (CO<sub>2</sub>) in the injection flow meter's mass flow for each quarter. For additional information about entering CO<sub>2</sub> concentration data, please use the e-GGRT Help link(s) provided.

▶ [Equation Summary \(RR-4\)](#)

▶ [Q: Quarterly Mass Flow Rate](#)

▶ [C: Quarterly CO<sub>2</sub> Concentration](#)

### MASS CO<sub>2</sub> CONCENTRATION (QUARTER 1, JANUARY TO MARCH)

CO<sub>2</sub> concentration in the quarter  (weight %CO<sub>2</sub> as a decimal fraction;  $0 \leq x \leq 1.0$ )

Standard or method used to calculate CO<sub>2</sub> concentration in the quarter

Were substitute data procedures used to calculate the CO<sub>2</sub> concentration in the quarter?  
 Yes  
 No

[← BACK](#)

[SUMMARY →](#)

For each quarter you must also enter the concentration of CO<sub>2</sub> monitored during the quarter, method used to calculate the concentration number, and the number of days of substitute data were used.

# Injection Flow Meters: Meter Summary

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Injection Flow Meter Injection Flow Meter 1](#) » [Eq. RR-4](#)

### NET ANNUAL MASS OF CO<sub>2</sub> INJECTED

For a mass injection flow meter, you must calculate the total annual mass of CO<sub>2</sub> injected in metric tons by multiplying the mass flow by the CO<sub>2</sub> concentration in the flow, according to Equation RR-4.

#### Equation Summary (RR-4)

- ▷ Q: Quarterly Mass Flow Rate
- ▷ C: Quarterly CO<sub>2</sub> Concentration



1,731,233.7

(Eq. RR-4) Annual mass of CO<sub>2</sub> injected  
(metric tons)

### EQUATION RR-4 SUMMARY AND RESULT

$$CO_{2,u} = \sum_{p=1}^4 Q_{p,u} \times C_{CO_{2,p,u}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (metric tons)	C (wt. %CO <sub>2</sub> )	Result
1	425,344	0.98	416,837.12
2	424,667	0.98	416,173.66
3	469,987	0.98	460,587.26
4	446,567	0.98	437,635.66
			<b>1,731,233.7</b>

Report which CO<sub>2</sub> result?  Use the calculated result rounded (1,731,233.7 metric tons)  
 Enter my own result (value will be rounded)

FINISHED

CANCEL

NEXT →





# Subpart RR Overview – after enter injection flow meter data

## FACILITY INFORMATION

Calculation Method	Most Recently Approved MRV Plan	Sources of CO <sub>2</sub> Received	
Equation RR-11	34344	CO <sub>2</sub> production wells, Natural gas processing	<a href="#">OPEN</a>

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>		Delete
 Containers	Container	Mass	82,859.0	Complete	<a href="#">OPEN</a>	✘
 Flow 1	Flow Meter	Volumetric	1,416,219.3	Complete	<a href="#">OPEN</a>	✘

[+ ADD a Flow Meter or Container](#)

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>		Delete
 Injection Flow Meter 1	Mass		Incomplete	<a href="#">OPEN</a>	✘

[+ ADD an Injection Flow Meter](#)


# Separator Flow Meters

If you are using Eq. RR-11 (as selected in the facility information section) you must provide data for each separator that sends a stream of gas into a recycle or end use system in accordance with the procedures specified in paragraphs 98.443 (d)(1) through (d)(3).

Initiate entry of separator flow meter data by adding a separator flow meter on the RR Overview Page:

## SEPARATOR FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Produced (metric tons)	Status <sup>1</sup>	Delete
None entered				

[+ ADD a Separator Flow Meter](#) 

# Separator Flow Meters (continued)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Separator Meter 1](#) » [Edit Separator Flow Meter](#)

### SEPARATOR FLOW METER

Use this page to uniquely identify each separator flow meter. For additional information about adding and editing subpart RR separator flow meters, please use the e-GGRT Help link(s) provided.

\* denotes a required field

#### UNIT INFORMATION

Name or ID\*  (40 characters maximum)

Description (optional)

Type Separator Flow Meter

#### MEASUREMENT TYPE

Specify measurement type\*  Mass basis  
 Volumetric basis

SAVE

CANCEL

# Separator Flow Meters (continued)

Click Open next to the Separator Flow Meter to begin entering the data to support Eq. RR-7 and Eq. RR-8

## SEPARATOR FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Produced (metric tons)	Status <sup>1</sup>		Delete
 Separator Meter 1	Volumetric		Incomplete	<b>OPEN</b>	

 [ADD a Separator Flow Meter](#)

# Separator Flow Meters (continued)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

Subpart Overview » Separator Flow Meter Separator Meter 1 » Eq. RR-8

### NET ANNUAL MASS OF CO<sub>2</sub> PRODUCED

For a volumetric separator flow meter, you must calculate the total annual mass of CO<sub>2</sub> produced in metric tons by multiplying the volumetric flow at standard conditions by the CO<sub>2</sub> concentration in the flow and the density of CO<sub>2</sub> at standard conditions, according to Equation RR-8.

#### Equation Summary (RR-8)

- ▷ Q: Quarterly Volumetric Flow Rate
- ▷ C: Quarterly CO<sub>2</sub> Concentration






(Eq. RR-8) Annual mass of CO<sub>2</sub> produced (metric tons)

### EQUATION RR-8 SUMMARY AND RESULT

$$CO_{2,u} = \sum_{p=1}^4 Q_{p,w} \times D \times C_{CO_{2,p,w}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (standard cubic meters)	C (vol. %CO <sub>2</sub> )	D (metric tons per scm)	Result
1			0.0018682	
2			0.0018682	
3			0.0018682	
4			0.0018682	

Incomplete — View Validation

- Report which CO<sub>2</sub> result?
- Use the calculated result rounded
  - Enter my own result (value will be rounded)

### FACTOR IN SUMMATION EQUATION SHARED BY ALL SEPARATORS

The entrained CO<sub>2</sub> in produced oil or other fluid divided by the CO<sub>2</sub> separated through all separators in the reporting year

(decimal fraction)

The value will be used as the value for X in Equation RR-9, the summation equation for all separator flow meters (equations RR-7 and RR-8), of this subpart and as determined according to your EPA-Approved MRV Plan.

FINISHED CANCEL NEXT

Enter the data supporting Eq. RR-7 or Eq. RR-8 by clicking Quarterly Mass (or Volume) Flow Rate or Next at the bottom of the screen

This example uses Eq. RR-8

# Separator Flow Meters: Quarterly Flow Rates

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Separator Flow Meter Separator Meter 1](#) » [Eq. RR-8](#)

### QUARTERLY VOLUMETRIC FLOW

Please provide the volumetric flow through the separator flow meter for each quarter. For additional information about entering volumetric flow rate data, please use the e-GGRT Help link(s) provided.

▷ [Equation Summary \(RR-8\)](#)

▣ Q: Quarterly Volumetric Flow Rate

▷ [C: Quarterly CO<sub>2</sub> Concentration](#)

### VOLUMETRIC FLOW (QUARTER 1, JANUARY TO MARCH)

Volumetric flow through the separator flow meter in the quarter  (standard cubic meters)

Standard or method used to calculate the volumetric flow through the separator flow meter in the quarter

Number of days for which substitute data procedures were used to calculate the volumetric flow through the separator flow meter in the quarter  (days)

[←BACK](#)

[NEXT→](#)

For each quarter you must enter mass or volumetric flow through the separator flow meter, method used to calculate the flow number, and the number of days substitute data were used.

# Separator Flow Meters: Quarterly CO<sub>2</sub> Concentrations

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Separator Flow Meter Separator Meter 1](#) » [Eq. RR-8](#)

### QUARTERLY CARBON DIOXIDE CONCENTRATION

Please provide the concentration of carbon dioxide (CO<sub>2</sub>) in the separator flow meter's volumetric flow for each quarter. For additional information about entering CO<sub>2</sub> concentration data, please use the e-GGRT Help link(s) provided.

▶ [Equation Summary \(RR-8\)](#)

▶ [Q: Quarterly Volumetric Flow Rate](#)

▶ [C: Quarterly CO<sub>2</sub> Concentration](#)

### VOLUMETRIC CO<sub>2</sub> CONCENTRATION (QUARTER 1, JANUARY TO MARCH)

CO<sub>2</sub> concentration in the quarter  (volume %CO<sub>2</sub> as a decimal fraction;  $0 \leq x \leq 1.0$ )

Standard or method used to calculate CO<sub>2</sub> concentration in the quarter

Were substitute data procedures used to calculate the CO<sub>2</sub> concentration in the quarter?  
 Yes  
 No

[←BACK](#) [SUMMARY→](#)

For each quarter you must also enter the concentration of CO<sub>2</sub> monitored during the quarter, method used to calculate the concentration number, and the number of days substitute data were used.

# Separator Flow Meters: after entering Eq. RR-8 data

Subpart Overview » Separator Flow Meter Separator Flow Meter 1 » Eq. RR-7

## NET ANNUAL MASS OF CO<sub>2</sub> PRODUCED

For a mass separator flow meter, you must calculate the total annual mass of CO<sub>2</sub> produced in metric tons by multiplying the mass flow by the CO<sub>2</sub> concentration in the flow, according to Equation RR-7.

### Equation Summary (RR-7)

- ▷ Q: Quarterly Mass Flow Rate
- ▷ C: Quarterly CO<sub>2</sub> Concentration



945,678.4

(Eq. RR-7) Annual mass of CO<sub>2</sub> produced (metric tons)

## EQUATION RR-7 SUMMARY AND RESULT

$$CO_{2,u} = \sum_{p=1}^4 Q_{p,w} \times C_{CO_{2,p,w}}$$

Hover over an element in the equation above to reveal a definition of that element.

Quarter	Q (metric tons)	C (wt. %CO <sub>2</sub> )	Result
1	243,455	0.98	238,585.9
2	234,535	0.98	229,844.3
3	243,535	0.98	238,664.3
4	243,453	0.98	238,583.94
			<b>945,678.44</b>

- Report which CO<sub>2</sub> result?
- Use the calculated result rounded (945,678.4 metric tons)
- Enter my own result (value will be rounded)

## FACTOR IN SUMMATION EQUATION SHARED BY ALL SEPARATORS

The entrained CO<sub>2</sub> in produced oil or other fluid divided by the CO<sub>2</sub> separated through all separators in the reporting year

0.005 (decimal fraction)

The value will be used as the value for X in Equation RR-9, the summation equation for all separator flow meters (equations RR-7 and RR-8), of this subpart and as determined according to your EPA-Approved MRV Plan.

FINISHED

CANCEL

NEXT→







# RR Overview: after entering Separator Flow Meters

## FACILITY INFORMATION



Calculation Method	Most Recently Approved MRV Plan	Sources of CO <sub>2</sub> Received	
Equation RR-11	34344	CO <sub>2</sub> production wells, Natural gas processing	<a href="#">OPEN</a>

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>		Delete
 Containers	Container	Mass	82,859.0	Complete	<a href="#">OPEN</a>	
 Flow 1	Flow Meter	Volumetric	1,416,219.3	Complete	<a href="#">OPEN</a>	



[+ ADD a Flow Meter or Container](#)

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>		Delete
 Injection Flow Meter 1	Mass	1,731,233.7	Complete	<a href="#">OPEN</a>	

[+ ADD an Injection Flow Meter](#)

## SEPARATOR FLOW METERS


Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Produced (metric tons)	Status <sup>1</sup>		Delete
 Separator Flow Meter 1	Mass	945,678.4	Complete	<a href="#">OPEN</a>	

[+ ADD a Separator Flow Meter](#)

# Leakage Pathways

Start entering data to support mass escaping by leakage (Eq. RR-10) by adding leakage pathways on the RR Overview Page:

## LEAKAGE PATHWAYS

Unit Name/Identifier	Annual CO <sub>2</sub> Emitted (metric tons)	Status <sup>1</sup>	Delete
None entered			
<a href="#">+ ADD a Leakage Pathway</a> 			

# Leakage Pathways (continued)

Enter the Leakage Pathway data to support Eq. RR-10

## LEAKAGE PATHWAY

Use this page to uniquely identify each leakage pathway through which CO<sub>2</sub> emissions occurred during the reporting year. For additional information about adding and editing subpart RR leakage pathways, please use the e-GGRT Help link(s) provided.

\* denotes a required field

### LEAKAGE PATHWAY INFORMATION

Name or ID\*  (40 characters maximum)

Description (optional)

Type Leakage Pathway

### CO<sub>2</sub> MASS EMISSIONS

Mass of CO<sub>2</sub> emitted through the pathway in the reporting year  (metric tons)

SAVE





CANCEL

# RR Overview: completed

## FACILITY INFORMATION

Calculation Method	Most Recently Approved MRV Plan	Sources of CO <sub>2</sub> Received	
Equation RR-11	34344	CO <sub>2</sub> production wells, Natural gas processing	<a href="#">OPEN</a>

## FLOW METERS AND CONTAINERS

Unit Name/Identifier	Type	Measurement Basis	Annual CO <sub>2</sub> Received (metric tons)	Status <sup>1</sup>		Delete
 Containers	Container	Mass	82,859.0	Complete	<a href="#">OPEN</a>	
 Flow 1	Flow Meter	Volumetric	1,416,219.3	Complete	<a href="#">OPEN</a>	



[+ ADD a Flow Meter or Container](#)

## INJECTION FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Injected (metric tons)	Status <sup>1</sup>		Delete
 Injection Flow Meter 1	Mass	1,731,233.7	Incomplete	<a href="#">OPEN</a>	



[+ ADD an Injection Flow Meter](#)

## SEPARATOR FLOW METERS

Unit Name/Identifier	Measurement Basis	Annual CO <sub>2</sub> Produced (metric tons)	Status <sup>1</sup>		Delete
 Separator Flow Meter 1	Mass	945,678.4	Complete	<a href="#">OPEN</a>	

[+ ADD a Separator Flow Meter](#)

## LEAKAGE PATHWAYS

Unit Name/Identifier	Annual CO <sub>2</sub> Emitted (metric tons)	Status <sup>1</sup>	Delete
 Leakage Pathway 0101002	8,719.0	Complete	

[+ ADD a Leakage Pathway](#)

[↑ Facility Overview](#)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

### Subpart Overview

#### OVERVIEW OF SUBPART RR REPORTING REQUIREMENTS

The Geologic Sequestration of Carbon Dioxide (CO<sub>2</sub>) source category (Subpart RR) provides a mechanism for facilities to monitor and report amounts of CO<sub>2</sub> sequestered.

For additional information about Subpart RR reporting, please use the e-GGRT Help link(s) provided.



1,499,078.3

Net annual mass of CO<sub>2</sub> received  
(metric tons)



278,898.9

Net annual mass of CO<sub>2</sub> sequestered in  
subsurface geologic formations  
(metric tons)

[VIEW SUMMARY](#)



Subpart RR: [View Validation](#)

E-GGRT validation assures that each of the required data items is provided by the report and helps reporters by letting them know if data are outside the range expected by EPA.

To review your validation report Click “View Validation on the RR Overview Page:


# Subpart RR Validation (continued)

## Subpart RR: Geologic Sequestration of Carbon Dioxide (2017)

[Subpart Overview](#) » [Validation Report](#)

### SUBPART VALIDATION REPORT


This report contains a complete set of validation messages for all data required by this Subpart. For additional information about Validation Reports, please use the e-GGRT Help link(s) provided.

[Print-friendly version](#) 

### FACILITY-LEVEL VALIDATION MESSAGES

Validation Type <sup>1</sup>	ID <sup>2</sup>	Message <sup>3</sup>
No facility-level validation messages found.		

### UNIT-LEVEL VALIDATION MESSAGES

Validation Type <sup>1</sup>	ID <sup>2</sup>	Unit Name	Message <sup>3</sup>
Data Completeness	RR2001 	1	<a href="#">Volumetric flow through the injection flow meter in Q1. This data element is required.</a>

The validation report notes any issue e-GGRT identifies. The validation message is “clickable” and will take the user to the page where the issue can be corrected.

# Submission

## e-GGRT Greenhouse Gas Data Reporting (2017)

Select Facility » [Facility](#) or [Supplier Overview](#)

### FACILITY OR SUPPLIER OVERVIEW

This page allows you to add the source and/or supplier categories for which your facility or supplier will be reporting, then to access those data reporting screens using the OPEN buttons.

After data reporting is complete, you can initiate the annual report review and submission process from this page by using the SUBMIT button (or RESUBMIT for subsequent submissions if needed).

Facility's GHG Reporting Method: Data entry via e-GGRT web-forms ([Change](#))

**⚠ The Annual Report has already been prepared.** Any changes you make to report data will not be reflected in that version. After making changes to report data you must choose REPORT SUBMISSION below, then click REGENERATE for those changes to be included in an updated version of the Annual Report.

CO<sub>2</sub> equivalent emissions from facility subparts C-II, SS, and TT (metric tons) 0.0

Biogenic CO<sub>2</sub> emissions from facility subparts C-II, SS, and TT (metric tons) 0.0

CO<sub>2</sub> equivalent emissions from supplier subparts LL-QQ (metric tons) 0.0

[VIEW GHG DETAILS](#)

Once you have addressed all of your validation issues you will see a Facility Overview like this.

### REPORT DATA

2016 Reporting Source or Supplier Category	Validation Messages?	Subpart Reporting
Subpart A—General Information	None	<a href="#">OPEN</a>
Subpart RR—Geologic Sequestration of Carbon Dioxide	None	<a href="#">OPEN</a>

[+](#) [ADD](#) or [REMOVE](#) Subparts

If all subparts are completed and Validation Messages addressed to your satisfaction, you are ready to prepare and submit an Annual Report.

### SUBMIT ANNUAL REPORT<sup>1</sup>

Report	Uploaded File Name	Status	Submitted Date	Certification Date	
2016 Annual Report v1		Ready for review			<a href="#">REPORT SUBMISSION</a> ✖

Click “Report Submission” to complete your reporting.

# Help Desk



GHGRP Help Desk

Email: [ghgreporting@epa.gov](mailto:ghgreporting@epa.gov)

Web: <http://www.ccdsupport.com/confluence/display/help/>

As a reminder, please do not submit sensitive or business confidential information to the helpline. Anything you send to the Help Desk may be made available to the public.