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**e-GGRT Training Webinar on
Reporting GHG Data for Subpart FF
Underground Coal Mines**

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

June 7, 2012

Start time: 2:30 PM EDT

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Hello, and welcome to the e-GGRT training webinar on using EPA's electronic Greenhouse Gas Reporting Tool to report GHG Data for Subpart FF.

Webinar Outline



- Sandbox testing
- Links for help and additional information
- Deferred reporting for some Subpart FF data elements
- Reporting under Subpart FF
- Questions

Sandbox Testing



- For an overview of reporting GHG data via e-GGRT, please see the e-GGRT and Sandbox Testing Overview presentation at:
<http://www.epa.gov/ghgreporting/reporters/training/index.html>
- Sandbox testing will be open June 4-15, 2012

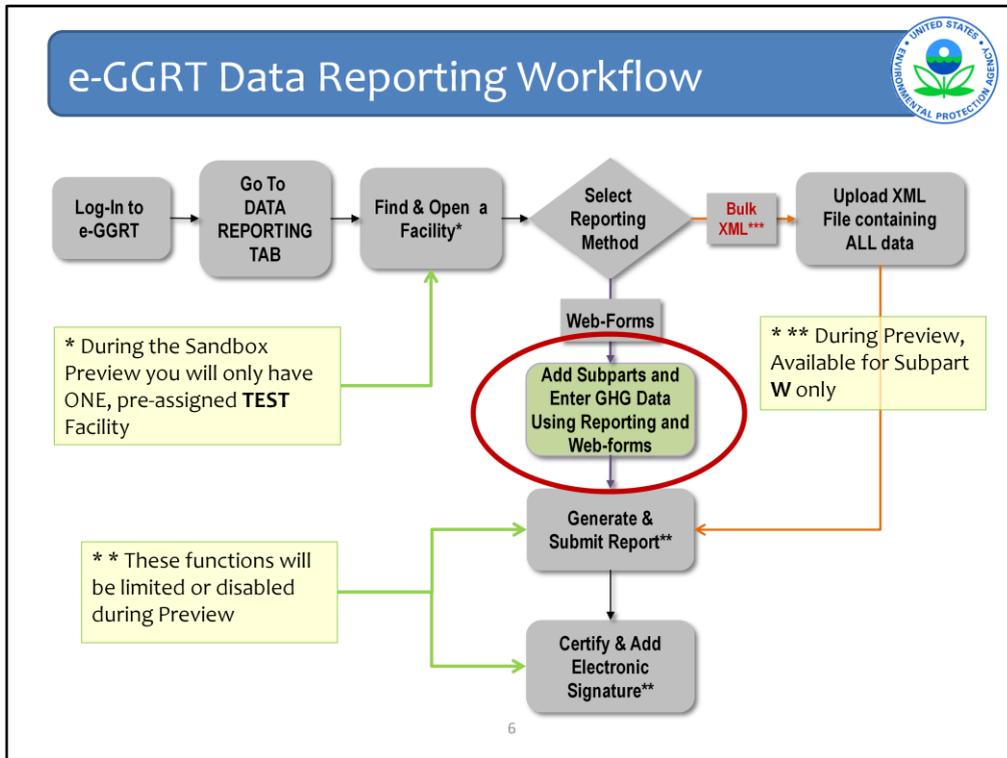
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In addition to today's webinar on subpart FF, I recommend that you review the e-GGRT and sandbox testing overview webinar for additional useful background information. This webinar, as well as the subpart FF webinar, will be posted at the web address shown here.

Links for help and additional information



- Sandbox Information & Help
 - <http://www.ccdsupport.com>
 - Email: ghgreporting@epa.gov (Indicate “Sandbox Testing” in subject line)
- Sandbox Registration & Log-In
 - <http://sandbox.ccdsupport.com>
- GHG Reporting Program Information & Help
 - <http://www.epa.gov/ghgreporting/reporters/index.html>
 - Email: ghgreporting@epa.gov
- Other Subpart FF resources
 - <http://www.epa.gov/ghgreporting/reporters/subpart/ff.html>



This Slide illustrates the steps that are taken by a reporter to enter data into e-GGRT and submit it to EPA.

For this webinar, I'm assuming you know how to log-in and find your facility or company under which data is reported. Today's webinar will focus only on Entering Subpart Specific FF Data into e-GGRT.

For more information on the other, related steps or general features of e-GGRT, please refer to or attend the e-GGRT Overview Training Webinar.

Reporting under Subpart FF



- All underground coal mines liberating 36,500,000 actual cubic feet of CH₄ or more per year must report under Subpart FF.
- In addition, all reporters must complete Subpart A (General Provisions).
- Some Subpart FF reporters may be required to report under Subpart C (General Stationary Fuel Combustion Sources) and/or Subpart W (Petroleum and Natural Gas Systems).
- You may use EPA's Applicability Tool to determine the subparts that apply to your facility:
<http://www.epa.gov/ghgreporting/help/tool/index.html>

Deferred reporting of some Subpart FF data



- The reporting deadline for several data elements for subpart FF has been deferred until 2013, per 76 FR 53057, published Aug. 25, 2011.
 - For a list of these elements, see Table A-6 of Title 40 Part 98, accessible at <http://ecfr.gpoaccess.gov>
- Data elements that have been determined to be CBI and those that have no determination must be reported.
- All elements included in e-GGRT are required reporting elements.

Open Subpart FF to begin reporting



Electronic Greenhouse Gas Reporting Tool
Hello, C Hight | My Profile | Logout

HOME FACILITY REGISTRATION FACILITY MANAGEMENT DATA REPORTING

e-GGRT Help
How to add a subpart and report data
General reporting information
How to submit an annual report

Test Coal Mine CH
e-GGRT Greenhouse Gas Data Reporting (2011)
 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](#))

CO₂ equivalent emissions (excluding biogenic) from subparts C - HH (metric tons)

Biogenic CO₂ emissions from subparts C - HH (metric tons)

CO₂ equivalent quantity from supplier categories (metric tons)

[VIEW GHG DETAILS](#)

REPORT DATA

2011 Reporting	Source or Supplier Category	Validation Messages?	Subpart Reporting
	Subpart A—General Information	View Messages	OPEN
	Subpart FF—Underground Coal Mines	View Messages	OPEN

[+ ADD or REMOVE Subparts](#)

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As mentioned earlier, today's webinar assumes that you have already created a facility in e-GGRT and have added subpart FF as one of the subparts you will be reporting under. On the Facility Overview screen, click "open" next to subpart FF to begin reporting information for the subpart.



Download Subpart FF reporting form

 e-GGRT Help

Subpart Overview

OVERVIEW OF SUBPART REPORTING REQUIREMENTS

Subpart FF requires affected facilities to report a) CH₄ liberated from ventilation and degasification systems; b) CH₄ destruction from systems where gas is sold, used onsite, or otherwise destroyed (including by flaring); c) net CH₄ emissions from ventilation and degasification systems; and d) CO₂ emissions from coal mine gas CH₄ destruction occurring at the facility, where the gas is not a fuel input for energy generation or use (e.g., flaring). An underground coal mine that is subject to this part because emissions from source categories described in Tables A-3, A-4 or A-5 of subpart A, or from stationary combustion (subpart C), is not required to report emissions under this subpart unless the coal mine liberates 36,500,000 actual cubic feet (acf) or more of methane per year from its ventilation system. If you are subject to other subparts (e.g. Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart FF reporting requirements you will first download the Subpart FF reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form and e-GGRT will validate the data contained within it. Use the "View Validation" link to review any issues found in your reporting form. If necessary, make any revisions necessary to your reporting form and upload the revised reporting form.

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

SUBPART FF SUMMARY INFORMATION FOR THIS FACILITY

1.) DOWNLOAD FORM _____

[Subpart FF GHG Reporting](#)

 _____

Annual mass of CO₂ (metric tons)

 _____

Annual mass of CH₄ (metric tons)

 **Subpart FF: View Validation**

This is the subpart overview page, which gives an overview of the reporting requirements for subpart FF. Subpart FF is one of the subparts that requires facilities to fill out reporting forms, which are Excel spreadsheets. In order to begin, click the link to download the form and save it to your computer.

Reporting form contents



Worksheet Instructions:

The table below includes space for 50 rows. If more are needed, contact the GHG Help Desk.

Version:

e-GGRT RY2011.R.01

External Links:

Subpart FF Resources Page: <http://www.epa.gov/climatechange/emissions/subpartff.html>

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

Workbook Navigation:

- [1. Introduction](#)
- [2. Degas Collection](#)
- [3. Well and Shaft](#)
- [4. Ventilation Quarterly](#)
- [5. Ventilation Quarterly Dates](#)
- [6. Ventilation Monitoring Point Flow](#)
- [7. Ventilation Monitoring Point Concentration](#)
- [8. Degas Quarterly](#)
- [9. Degas Quarterly Dates](#)
- [10. Degas Weekly](#)
- [11. Destruction or Offsite](#)
- [12. Destruction of Offsite Weekly](#)

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The subpart FF reporting form contains a series of 12 worksheets, or “tabs” that you are required to complete.

You’ll note that this box appears at the top of each tab – it includes instructions for each tab of the reporting form, links to help content and a list of each of the tabs to facilitate navigation.

Introduction tab



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

Facility Name:	Red Creek Underground Coal Mine
Reporter Name: (optional)	
Reporting Period:	2011
Comments: (optional)	

2.) Table 1. Fill out the following table for facility total emissions:

Quarter	Quarterly CH ₄ emissions (net) from all ventilation and degasification systems (facility total) (MT CH ₄) [§98.326(d)]	Quarterly CO ₂ emissions from onsite destruction of coal mine gas CH ₄ , where the gas is not a fuel input for energy generation or use (e.g., flaring) (MT CO ₂) [§98.326(e)]
1 Quarter 1	11,000.0	4,200.0
2 Quarter 2	10,550.0	3,850.0
3 Quarter 3	10,380.0	4,025.0
4 Quarter 4	9,600.0	4,002.0

The Introduction tab is the first of the 12 tabs you will complete. On this tab you will fill out summary information related to your facility, including the facility’s name, the reporting year, and the facility’s total methane and carbon dioxide emissions for each quarter of the reporting year.

Degas collection tab



A Gas Collection System is defined by the monitoring point.

1.) Table 2. Fill out the following table for Degasification Gas Collection Systems:

Gas Collection System Unit ID or Name [§98.326(q)]	Manufacturer [§98.326(q)]	Capacity [§98.326(q)]	Unit of Measure for Capacity, scfm or acfm [§98.326(q)]	Number of Wells [§98.326(q)]	Surface Area, m ² [§98.326(q)]	Annual Operating Hours [§98.326(q)]
1 High Quality Gas Sales	AB Engineering	3,000.0	scfm	7	50,000.0	8,760.0
2 Gob Well Flare System	HK Engineering	700.0	scfm	1	5,000.0	7,500.0
3 Gob Wells Vented 1	Red Creek Mine	400.0	acfm	1	5,000.0	8,000.0
4 Gob Wells Vented 2	Red Creek Mine	400.0	acfm	1	5,000.0	4,220.0
5						
6						
7						
8						
9						
10						

On the degas collection tab you will enter information regarding each gas collection system at your facility. You'll assign a name to each gas collection system and then provide information including the manufacturer of the system, the system's capacity (measured in acfm or scfm), the number of wells associated with the system, the surface area of the system and the operating hours.

Well and shaft tab



For example, surface pre-mine drainage wells must be entered manually after choosing "Other" for Description

1) Table 3. Fill out the following table for wells and shafts:

Well and Shaft ID or Name [§98.326(f)]	Identify if this is a well or shaft [§98.326(f)]	Gas Collection System Unit ID or Name (if applicable) [§98.326(g)]	Description [§98.326(f)]	Additional Information for Description [§98.326(f)]	Indicate whether the well or shaft is monitored individually, or as part of a centralized monitoring point [§98.326(f)]	Identify the Centralized Monitoring Point [§9.326(f)]	Centralized Monitoring Point or Well ID for elsewhere in spreadsheet	Centralized Monitoring Point or Shaft ID for elsewhere in spreadsheet	Composite List of Centralized Monitoring Points, Well, and Shaft IDs
1 North Shaft	Shaft	Not Applicable	exhaust vent shaft		monitored individually			1 North Shaft	1 North Shaft
2 South Shaft	Shaft	Not Applicable	exhaust vent shaft		monitored individually			2 South Shaft	2 South Shaft
C Bleeder	Shaft	Not Applicable	Bleeder shaft		monitored individually			C Bleeder	C Bleeder
A 101	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 102	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 103	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 104	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 105	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 106	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
A 107	Well	High Quality Gas Sales	Other (specify)	Surface pre-mine drainage well	monitored as part of a centralized monitoring point	Compressor Station North	Compressor Station North		Compressor Station North
B 201	Well	Gas Well Flare System	surface job drainage well		monitored individually		B 201		B 201
B 202	Well	Gas Wells Vented 1	in-mine job drainage well or system		monitored individually		B 202		B 202
B 203	Well	Gas Wells Vented 2	in-mine job drainage well or system		monitored individually		B 203		B 203

On the well and shaft tab, you will identify each well and shaft at the facility, including a description of the well or shaft and whether the well/shaft is monitored individually or as part of a centralized monitoring point.

The third column of this tab has been populated with the list of gas collection systems you entered in the previous tab; use the drop down menu to select the appropriate associated system. Choose "other" if the type of system you're using is not in the drop down menu. For example, on this screen, other has been selected and surface pre-mine drainage has been entered as the system description.

If the well or shaft is associated with a centralized monitoring point, enter the name of this point in Column 7.

The last three columns of this tab are automatically populated with information you entered previously. The content of these columns will be used in subsequent tabs. You do not need to enter any additional information in these columns.

Ventilation monitoring point flow tab



In cases where quarterly flow rate data are missing, need to leave the measurement date blank. A validation error will occur but will not prevent you from submitting your report.

1.) Table 5. Fill out the following table for ventilation monitoring points measuring flow rate on a quarterly basis:

	Ventilation Monitoring Point [§98.326(l)] Corresponds to centralized monitoring point or individual shaft from previous tab	Quarter	Location of each measurement of flow rate used in Equation FF-1 [§98.326(f)]	Date of each measurement of flow rate used in Equation FF-1 (MM/DD/YYYY) [§98.326(f)]
1	1 North Shaft	1	Fan intake	01/03/2011
2	1 North Shaft	2	Fan intake	
3	1 North Shaft	3	Fan intake	08/10/2011
4	1 North Shaft	4	Fan intake	10/30/2011
5	2 South Shaft	1	Fan intake	01/10/2011
6	2 South Shaft	2	Fan intake	05/06/2011
7	2 South Shaft	3	Fan intake	08/17/2011
8	2 South Shaft	4	Fan intake	12/01/2011
9	C Bleeder	1	Fan outlet	01/01/2011
10	C Bleeder	2	Fan outlet	04/01/2011
11	C Bleeder	3	Fan outlet	07/01/2011
12	C Bleeder	4	Fan outlet	10/01/2011

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On this tab, for each monitoring point or shaft you will enter the location and date of each measurement of flow rate used in Equation FF-1, the equation used to calculate quarterly methane liberated from each monitoring point. As in previous tables, the first column pulls information from a previous tab, giving you a list of monitoring points and shafts to select from.

Information is reported on a quarterly basis, so you will fill out at least four rows for each monitoring point. If multiple measurements are taken in the quarter, then multiple rows are required for each quarter/ monitoring point.

For CEMS measurements, only include the first date of the quarter.

Vent. monitoring point conc tab



In cases where quarterly concentration data are missing, need to leave the measurement date blank. A validation error will occur but will not prevent you from submitting your report.

1.) Table 6. Fill out the following table for ventilation monitoring points measuring concentration on a quarterly basis:

	Ventilation Monitoring Point [§98.326(l)] Corresponds to centralized monitoring point or individual shaft from previous tab	Quarter	Location of each measurement of concentration [§98.326(g)]	Date of each measurement of concentration (DD/MM/YYYY) [§98.326(g)]
1	1 North Shaft	1	Fan intake	01/15/2011
2	1 North Shaft	2	Fan intake	
3	1 North Shaft	3	Fan intake	08/10/2011
4	1 North Shaft	4	Fan intake	11/26/2011
5	2 South Shaft	1	Fan intake	02/10/2011
6	2 South Shaft	2	Fan intake	05/06/2011
7	2 South Shaft	3	Fan intake	08/15/2011
8	2 South Shaft	4	Fan intake	11/30/2011
9	C Bleeder	1	Fan outlet	01/01/2011
10	C Bleeder	2	Fan outlet	04/01/2011
11	C Bleeder	3	Fan outlet	07/01/2011
12	C Bleeder	4	Fan outlet	10/01/2011
13				

On this tab, for each monitoring point or shaft you will enter the location and date of each measurement of methane concentration.

Again, the first column pulls information from a previous tab, giving you a list of monitoring points and shafts to select from.

Information is reported on a quarterly basis, so you will fill out at least four rows for each monitoring point. If multiple measurements are taken in the quarter, then multiple rows are required for each quarter/ monitoring point.

For CEMS measurements, only include the first date of the quarter.

Degas quarterly tab



For numerical columns other than “Quarter”, zeros must be included in fields without data, or you will receive a validation error.

1.) Table 7a. Fill out the following table for Degasification Gas Collection System Monitoring Points on a quarterly basis:

Degasification Gas Collection System Monitoring Point [§98.326(m)] Corresponds to centralized monitoring point or individual well from previous tab	Quarter	Method used for concentration [§98.326(r), (s)]	Quarterly CEMS CH ₄ concentration used to calculate CH ₄ liberated from degasification systems (average from daily data), volume % [§98.326(i)]	Length of time that missing data are used for the quarterly CEMS CH ₄ concentration used to calculate CH ₄ liberated from degasification systems (average from daily data), hours [§98.3(c)(8), 98.326(i)]	Quarterly CH ₄ concentration based on results from weekly sampling data, volume % [§98.326(j)]	Length of time that missing data are used for the quarterly CH ₄ concentration data based on results from weekly sampling data used to calculate CH ₄ liberated from degasification systems, hours [§98.3(c)(8), 98.326(j)]	Length of time that missing data are used for the temperature used in Equation FF-3, hours [§98.3(c)(8), 98.326(o)]	Length of time that missing data are used for the pressure used in Equation FF-3, hours [§98.3(c)(8), 98.326(o)]	Length of time that missing data are used for the moisture content used in Equation FF-3, hours [§98.3(c)(8), 98.326(o)]
1 Compressor Station North	1	Monitored using 98.324(b)(1)	95.0	0.0	0.0	0.0	0.0	0.0	0.0
2 Compressor Station North	2	Monitored using 98.324(b)(1)	95.0	0.0	0.0	0.0	0.0	0.0	0.0
3 Compressor Station North	3	Monitored using 98.324(b)(1)	95.0	0.0	0.0	0.0	0.0	0.0	0.0
4 Compressor Station North	4	Monitored using 98.324(b)(1)	95.0	0.0	0.0	0.0	0.0	0.0	0.0
5 B 201	1	Monitored using 98.324(b)(1)	70.0	40.0	0.0	0.0	0.0	0.0	0.0
6 B 201	2	Monitored using 98.324(b)(1)	67.0	24.0	0.0	0.0	0.0	0.0	0.0
7 B 201	3	Monitored using 98.324(b)(1)	63.0	72.0	0.0	0.0	0.0	0.0	0.0
8 B 201	4	Monitored using 98.324(b)(1)	62.0	0.0	0.0	0.0	0.0	0.0	0.0
9 B 202	1	Monitored using 98.324(b)(1)	0.0	0.0	67.0	0.0	0.0	0.0	0.0
10 B 202	2	Monitored using 98.324(b)(1)	0.0	0.0	60.0	0.0	0.0	0.0	0.0
11 B 202	3	Monitored using 98.324(b)(1)	0.0	0.0	55.0	0.0	0.0	0.0	0.0
12 B 202	4	Monitored using 98.324(b)(1)	0.0	0.0	52.0	336.0	336.0	336.0	336.0
13 B 203	1	Monitored using 98.324(b)(1)	0.0	0.0	66.0	0.0	0.0	0.0	0.0
14 B 203	2	Monitored using 98.324(b)(1)	0.0	0.0	61.0	0.0	0.0	0.0	0.0
15 B 203	3	Monitored using 98.324(b)(1)	0.0	0.0	57.0	0.0	0.0	0.0	0.0
16 B 203	4	Monitored using 98.324(b)(1)	0.0	0.0	51.0	0.0	0.0	0.0	0.0

This is the first of three tabs in which you will enter information related to degasification systems and wells. The first column pulls information from a previous tab, giving you a list of monitoring points and wells to select from.

In this tab, you will enter quarterly information (four rows) for each monitoring point or individual well.

In column D, use the drop down menu to select the method used to measure methane concentration. Depending on which method you select, cells will be blacked out that are not applicable to that method. For example, if you select method 98.324(b)(3), which is CEMS, you will not be required to fill out columns G and H, which relate only two the other two measurement methods.

Degas quarterly dates tab



1.) Table 7b. Fill out the following table for Degasification Gas Collection System Monitoring Points where active ventilation of mining operations is taking place:

Degasification Gas Collection System Monitoring Point [§98.326(m)] Corresponds to centralized monitoring point or individual well from previous tab	Quarter	Dates where degasification of mining operations is taking place (DD/MM/YYYY) [§98.326(m)]	
		Start date	Stop date
		1	01/01/2011
Compressor Station North	1	01/01/2011	03/31/2011
Compressor Station North	2	04/01/2011	06/30/2011
Compressor Station North	3	07/01/2011	09/30/2011
Compressor Station North	4	10/01/2011	12/31/2011
B 201	1	01/01/2011	03/31/2011
B 201	2	04/01/2011	06/30/2011
B 201	3	07/01/2011	09/30/2011
B 201	4	10/01/2011	12/31/2011
B 202	1	01/01/2011	03/31/2011
B 202	2	04/01/2011	06/30/2011
B 202	3	07/01/2011	09/30/2011
B 202	4	10/01/2011	12/31/2011
B 203	3	07/01/2011	09/30/2011
B 203	4	10/01/2011	12/31/2011

Monitoring Point B 203 shows how to report a well that came on-line in the middle of the year.

2.) Table 7c. Fill out the following table for Degasification Gas Collection System Monitoring Points where continuous monitoring equipment is not properly functioning:

Degasification Gas Collection System Monitoring Point [§98.326(m)] Corresponds to centralized monitoring point or individual well from previous tab	Quarter	Dates when continuous monitoring equipment is not properly functioning, if applicable (DD/MM/YYYY) [§98.326(n)]	
		Start date	Stop date
		1	01/20/2011
B 201	1	01/20/2011	01/22/2011
B 201	2	04/15/2011	04/16/2011
B 201	3	11/10/2011	11/13/2011
Compressor Station North	2	04/01/2011	04/01/2011

There are two tables to complete on the degas quarterly dates tab. All reporters will complete table 7b; you will complete table 7c only if you used continuous monitoring equipment (CEMS) and the equipment was not functioning properly during the quarter.

In each table, the first column pulls information from a previous tab, giving you a list of monitoring points and wells to select from.

In table 7b, you will enter the dates in the quarter during which degasification of mining operations took place. As indicated in the instructions, if there was continuous degasification during the quarter, insert the first date of the quarter in the column labeled "Start date" and insert the last date of the quarter in the column labeled "Stop date". If there were interruptions, include as many rows as needed for the well monitoring point/quarter combination.

Next to the arrow Monitoring Point B 203 shows how to report a well that came on-line in the middle of the year. Note that information for this well is included only for quarters 3 and 4, the quarters during which the well was operation. No information was reported for quarters 1 and 2. If the user had entered no dates for quarters 1 and 2 for this well, she would have received a validation error.

For table 7c, you will enter the dates in each quarter during which continuous monitoring equipment was not properly functioning. Insert the first date of the episode in the column labeled "Start date" and insert the last date of the episode in the column labeled "Stop date"; include as many rows as needed for the quarter.

Destruction or offsite tab



1.) Table 9a. Fill out the following table for ventilation and degasification system destruction devices or points of offsite transport:

Ventilation and degasification system destruction device or point of offsite transport Unit ID or Name [§98.326(p)]	Reporting destruction in a destruction device or offsite transport [§98.326(p)]	Description of the Device [§98.326(p)]	Additional Information for Description [§98.326(p)]	Indicate if a back-up destruction device (or devices) is present at the mine [§98.326(p)]	Annual operating hours of the primary destruction device, hours [§98.326(p)]	Annual operating hours of back-up destruction device Number 1 [§98.326(p)]	Annual operating hours of back-up destruction device Number 2 [§98.326(p)]	If gas is transported offsite, is the gas destroyed offsite? [§98.326(p)]
Columbia Pipeline	Gas is transported off-site							Yes, gas is destroyed offsite
West Flare	Destruction occurs at the coal mine	Flare		No	7500			

2.) Table 9b. Fill out the following table to identify wells, shafts, and centralized monitoring points that are associated with offsite transport or destruction devices:

Ventilation and degasification system destruction device or point of offsite transport Unit ID or Name [§98.326(p)]	Wells, shafts, and centralized monitoring points are associated with the offsite transport or destruction device [§98.326(p)]
Columbia Pipeline	Compressor Station North
West Flare	B 201

On the last two tabs you will enter information regarding methane destruction or offsite transport. You will complete two tables on the destruction or offsite tab.

In Table 9a you will list all destruction devices or points of offsite transport as well as descriptive information and information on back-up devices. Table 9a allows you to list two backup devices per primary device; if your primary device has more than two backup devices, please contact the GHG Help Desk and they will assist you in entering information for additional devices.

Table 9b requires you to enter information regarding which wells, shafts and centralized monitoring points are associated with the destruction devices and points of offsite transport you listed in table 9a. The pick list in the first column of Table 9b is limited to the names of destruction devices or points of offsite transport you listed in the first column of Table 9a. The pick list in the second column of Table 9b below links to a previous tab, to restrict entry to previously entered well, ventilation, or monitoring points. If more than one well, ventilation, or monitoring points is served by a single destruction device or point of offsite transport, enter multiple rows for the device/offsite transport ID.

Destruction or offsite weekly tab



1.) Table 10. Fill out the following table for ventilation and degasification system destruction devices or points of offsite transport on a weekly basis:

	Ventilation and degasification system destruction device or point of offsite transport Unit ID or Name [§98.326(p)]	Quarter	Week	Length of time that missing data are used for the weekly volumetric flow rate used to calculate CH ₄ destruction, hours [§98.3(c)(8), 98.326(j)]	Length of time that missing data are used for the weekly CH ₄ concentration used to calculate CH ₄ flow, hours [§98.3(c)(8), 98.326(k)]
1	Columbia Pipeline	2	1	8	0
2	West Flare	1	3	0	40
3	West Flare	2	2	0	24
4	West Flare	3	6	0	36
5	West Flare	3	7	0	36
6					
7					

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This is the final tab of the reporting form. On the destruction or offsite weekly tab, for each destruction device or point of offsite transport you will enter the amount of time that missing data procedures were used to calculate flow rate and concentration during each week in each quarter.

For each device or point of offsite transport, for each quarter you will complete up to 14 rows representing up to 14 weeks in the quarter (14 weeks allows for partial weeks at the start or end of the quarter). This means that for a single device or offsite transfer point you will have up to $4 \times 14 = 56$ rows.

This Excel form allows you to copy and paste information, a function you may find useful when filling out this tab.

select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart FF reporting requirements you will first download the Subpart FF reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form and e-GGRT will validate the data contained within it. Use the "View Validation" link to review any issues found in your reporting form. If necessary, make any revisions necessary to your reporting form and upload the revised reporting form.

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

Annual mass of CO₂ (metric tons)

Annual mass of CH₄ (metric tons)

Subpart FF: View Validation

SUBPART FF SUMMARY INFORMATION FOR THIS FACILITY

1.) DOWNLOAD FORM

↳ Subpart FF GHG Reporting

2.) UPLOAD COMPLETED FORM

Choose File No file chosen **UPLOAD**

⚠ EPA has finalized a rule that defers the deadline for reporting data elements used as inputs to emission equations for direct emitters. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting data used as inputs to emission equations. If you choose to report these inputs to EPA by including them in a file uploaded to this page, please note that the inputs maybe subject to public release.

Uploaded File Name	Attached By	Date	Delete
No files found.			

← Facility Overview

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After you have filled out all relevant tabs in the reporting form, you should save the file somewhere easily accessible on your computer. Return to the subpart FF overview page and click the "choose file" button, then the "upload" button, to upload your completed form.

each subpart. To satisfy the Subpart FF reporting requirements you will first download the Subpart FF reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form and e-GGRT will validate the data contained within it. Use the "View Validation" link to review any issues found in your reporting form. If necessary, make any revisions necessary to your reporting form and upload the revised reporting form.

For additional information about Subpart FF reporting, please use the link(s) provided.

Annual mass of CH₄ (metric tons)

Subpart FF: View Validation

SUBPART FF SUMMARY INFORMATION FOR THIS FACILITY

1.) DOWNLOAD FORM

[Subpart FF GHG Reporting](#)

2.) UPLOAD COMPLETED FORM

No file chosen

EPA has finalized a rule that defers the deadline for reporting data elements used as inputs to emission equations for direct emitters. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting data used as inputs to emission equations. If you choose to report these inputs to EPA by including them in a file uploaded to this page, please note that the inputs maybe subject to public release.

Uploaded File Name	Attached By	Date	Delete
Form 1 Introduction Validation Test 3 Supart FF - NEG CH ₄ & CO ₂ .xlsx	C Hight	May 22, 2012	

[Facility Overview](#)

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If you have successfully uploaded your form, you will see it listed at the bottom of the facility overview page. Now it is time to check and address any validation errors that may be in the form. Do this by clicking on “view validation” on the right side of the screen.

Address validation errors

Subpart Overview » **Validation Report**

SUBPART VALIDATION REPORT
 This report contains a complete set of validation messages at the subpart level. Clicking the message text will redirect you to the screen that contains the field that generated the validation message.

Print-friendly version

FACILITY-LEVEL VALIDATION MESSAGES

Validation Type ¹	ID ²	Row Identifier	Message ³
No facility-level validation message			

FILE-LEVEL VALIDATION MESSAGES

Validation Type ¹	ID ²	Row Identifier	Message ³
Data Completeness	FF0001		Facility Name. This data element is required.
Data Completeness	FF0003		Quarter 1: Quarterly CH4 emissions (net) from all ventilation and degasification systems (facility total). This data element is required.
Data Completeness	FF0008		Quarter 2: Quarterly CH4 emissions (net) from all ventilation and degasification systems (facility total). This data element is required.
Data Completeness	FF0013		Quarter 3: Quarterly CH4 emissions (net) from all ventilation and degasification systems (facility total). This data element is required.
Data Completeness	FF0018		Quarter 4: Quarterly CH4 emissions (net) from all ventilation and degasification systems (facility total). This data element is required.
Data Completeness	FF0102		Manufacturer. This data element is required.
Data Completeness	FF0102		Manufacturer. This data element is required.
Data Completeness	FF0102		Manufacturer. This data element is required.
Data Completeness	FF0102		Manufacturer. This data element is required.

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Clicking on the “view validation” link takes you to the validation report for your submission. This will list each of the errors related to your submission. When the final version of eGRT launches later this year, the report will also identify the tab and the row where the error is located in the reporting form.

Address validation errors

part releases emissions from source categories described in Tables C-1, C-2, or C-3 of subpart A, or from stationary combustion (subpart C), is not required to report emissions under this subpart unless the coal mine liberates 36,500,000 actual cubic feet (acf) or more of methane per year from its ventilation system. If you are subject to other subparts (e.g., Subpart C) you should return to the Facility Overview page, select the appropriate subpart(s), and complete the data reporting requirements of each subpart. To satisfy the Subpart FF reporting requirements you will first download the Subpart FF reporting form(s). Use the link provided to access the form(s) and find instructions for completing those forms. Next, you will upload the completed form and e-GGRT will validate the data contained within it. Use the "View Validation" link to review any issues found in your reporting form. If necessary, make any revisions necessary to your reporting form and upload the revised reporting form.

For additional information about Subpart FF reporting, please use [link\(s\)](#) provided.

Annual mass of CO₂ (metric tons)
14,500.0

Annual mass of CH₄ (metric tons)
464,000.00

Subpart FF: No Validation Messages

SUBPART FF SUMMARY INFORMATION FOR THIS FACILITY

1.) DOWNLOAD FORM

[Subpart FF GHG Reporting](#)

2.) UPLOAD COMPLETED FORM

No file chosen

⚠ EPA has finalized a rule that defers the deadline for reporting data elements used as inputs to emission equations for direct emitters. See 76 FR 53057 (published August 25, 2011). In accordance with the rule, e-GGRT is not currently collecting data used as inputs to emission equations. If you choose to report these inputs to EPA by including them in a file uploaded to this page, please note that the inputs maybe subject to public release.

Uploaded File Name	Attached By	Date	Delete
Subpart FF Reporting Form v7 Validatedv2.xlsx	Martin Ruppert	June 5, 2012	

After you have addressed the validation errors in your reporting form, upload the form again. You will now see that there are no validation errors for the form, and you can move forward with generating and submitting your annual report.

If you review the validation report and determine that eGRT is flagging validation errors related to some information you know to be correct, it is OK to leave that data element as is. You will still be able to generate and submit your annual report.



Thank you!

- Don't forget these important upcoming dates:
 - July 30, 2012: e-GGRT registration deadline
 - September 28, 2012: reporting deadline for 2011 data
 - April 1, 2013: reporting deadline for 2012 data