

# Biosolids Electronic Reporting User's Guide

Version 1.3 – Updated 12/29/2016

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## 1. Introduction to the EPA Biosolids eReporting

In accordance with 40 CFR Part 503, pollutant monitoring and biosolids management information is summarized in a report and submitted to the agency authorized to administer the NPDES biosolids program each year (usually due February 19). NPDES regulated entities that need to submit this report include:

- Class I sludge management facilities;
- Publicly Owned Treatment Works (POTW), as defined in 40 CFR § 501.2, with a design flow rate equal to or greater than one million gallons per day; and
- POTWs that serve 10,000 people or more.

EPA has authorized eight states to administer the Federal biosolids program. EPA administers the Federal biosolids program for all other 42 states and all tribes and territories, which covers approximately 4,500 filers.

EPA Region 7 (Kansas, KS) is designated as EPA’s Biosolids Center of Excellence and is the lead office for reviewing these annual reports and ensuring compliance with Part 503.

The NPDES Electronic Reporting Rule was signed in September 2015. In accordance with this rule, Biosolids Annual Reporting will be conducted electronically for all NPDES ID’s under EPA jurisdiction. The Biosolids Annual Report will be filed using the NPDES eReporting Tool (NeT), which is accessed via EPA’s Central Data Exchange (CDX) located at [cdx.epa.gov](http://cdx.epa.gov).

This user guide will walk users through preparing and certifying a Biosolids Annual Report electronically using NeT in EPA’s CDX.

## 2. System Requirements and Eligibility for Waivers

You will need access to the internet and a current internet browser such as Internet Explorer, Mozilla Firefox, or Google Chrome to complete the Annual Report using NeT.

If you are unable to complete the Biosolids Annual Report form electronically, you may be eligible to submit a paper version of the annual report. See <https://epanet.zendesk.com> for more information about eReporting waivers.

## 3. Relevant Terms and Acronyms

The following table explains terms and acronyms (if applicable) that are used throughout this guide.

Term	Acronym	Definition
Central Data Exchange	CDX	Point of entry on the Environmental Information Exchange Network for environmental data exchanges to the Agency. A CDX account is required to access NeT.
NPDES eReporting Tool	NeT	An internet-based system for submitting Notices of Intent (NOIs) for coverage and other forms for NPDES general permits, as well as some NPDES program reports. Currently, the permit types available in NeT are the federal Multi-Sector General Permit, the EPA Region 6 Gulf of Mexico Oil and Gas permit, and the EPA Biosolids Program.

Certifier	None	Can prepare, sign, and submit all forms in NeT. In accordance with EPA’s regulations (at 40 CFR 503.17(a), 503.27(a), 503.47(a)), a person with the Certifier role is the person who prepares or handles the sewage sludge for land application, surface disposal, or incineration. This is the person who will certify, under penalty of law, that the information submitted in the biosolids annual report was prepared under his or her direction and supervision in accordance with the system designed to ensure that qualified personnel properly gathered and evaluated the submitted information. The Certifier will electronically sign the annual report, which EPA will use to determine compliance with Part 503. This role cannot be delegated.
Preparer	None	Can prepare all forms in NeT on behalf of the Certifier at the facility, but is not authorized by EPA’s regulations to sign and submit any forms.
Permit Administrator	None	Can do everything the Preparer can plus grant or revoke NPDES ID access.
Facility	None	The generator of the biosolids or sewage sludge for which you are reporting.
Sewage Sludge Unique Identifier	SSUID	Term used to identify one biosolids management option from another

## 4. How to Access the Biosolids Annual Program Report Electronically

In order to submit your Annual Program Report, you must first create or log in to your CDX account and add the NPDES eReporting Tool (NeT) for the EPA Biosolids Program.

### 4.1 Determine Your Role

A **Preparer** can prepare an Annual Program Report for a designated Certifier to review and certify.

A **Certifier** can prepare an Annual Program Report and certify and submit Annual Program Reports to EPA. This role cannot be delegated.

A **Permit Administrator** can prepare an Annual Program Report for a designated Certifier to review and certify, as well as grant or revoke NPDES ID access.

### 4.2 Log into CDX and Add Program Service

The NeT - EPA Biosolids Program can only be accessed through EPA’s Central Data Exchange (CDX).

- 4.2.1 Visit <https://cdx.epa.gov/> enter your **User ID** and **password**, and click the Log In button.
- 4.2.2 If you do not already have a CDX account established, click on the **Register with CDX** button. If you need assistance registering, please follow the instructions found at <https://cdx.epa.gov/About/UserGuide>.
- 4.2.3 Add the “Biosolids: NeT – EPA Biosolids Program” and your role to your CDX account using the following instructions:
  - (i) Click “Add Program Service”
  - (ii) Select “NeT: NPDES eReporting Tool (NeT)” from the list of active program services
  - (iii) Select “BIOSOLIDS: NeT – EPA Biosolids Program”

- (iv) Select your Role from the drop-down menu (i.e. Preparer, Certifier, or Permit Administrator)
- (v) Click “Request Role Access”
- (vi) Select the appropriate Organization from the drop-down list or add a new Organization as necessary, and click “Submit Request for Access”  
 [If you selected the Certifier role, you will be prompted to enter your Job Title, and click Next. Skip to [Section 4.3.](#)]
- (vii) The “BIOSOLIDS: NeT - EPA Biosolids Program” is now added on your CDX account and can be accessed from the MyCDX tab.

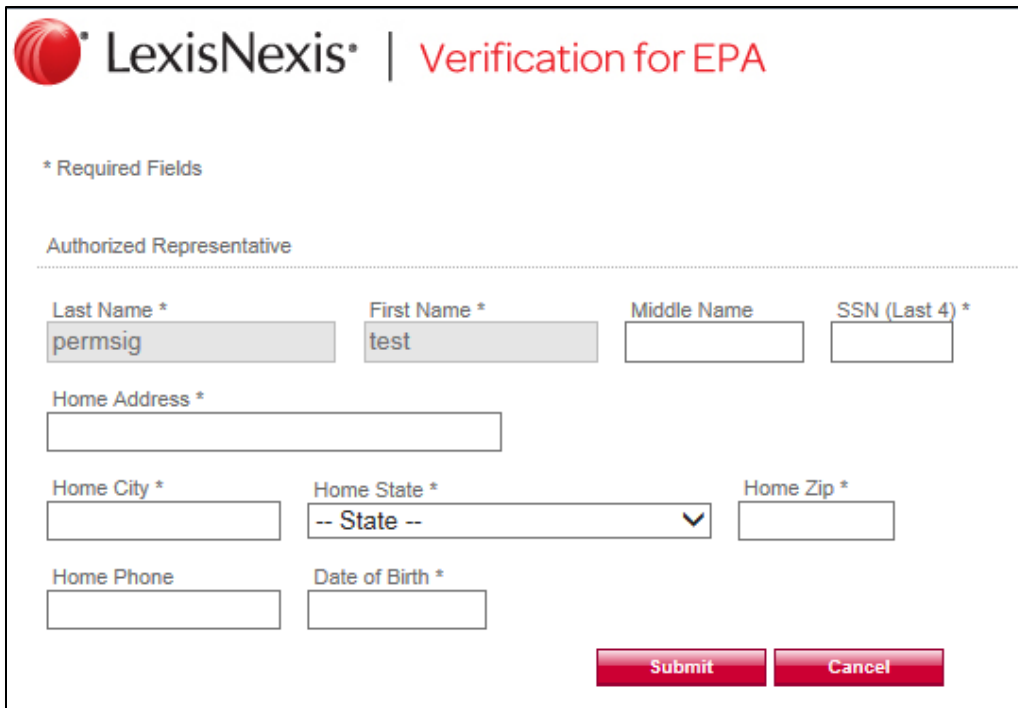
### 4.3 Additional Identity Verification – Certifier Role

The following steps are only for the **Certifier**. Skip to [Section 5](#) if you are not requesting the Certifier role.

4.3.1 As the Certifier, you must complete the following additional security steps for identity verification. After entering your Job Title, you will be taken to the CDX Registration: Additional Verification screen. Here you will have the choice to complete the identity verification by either LexisNexis®, an independent 3rd-Party electronic identity proofing service, or by printing and submitting a signed form through U.S. Postal Mail to the U.S. Environmental Protection Agency.

- (i) To proceed with LexisNexis online identity verification, select **Proceed to Verification**.

- (ii) Fill out the required information and click submit. Note: You should use your personal information in the requested fields, not your company information.



**LexisNexis** | Verification for EPA

\* Required Fields

Authorized Representative

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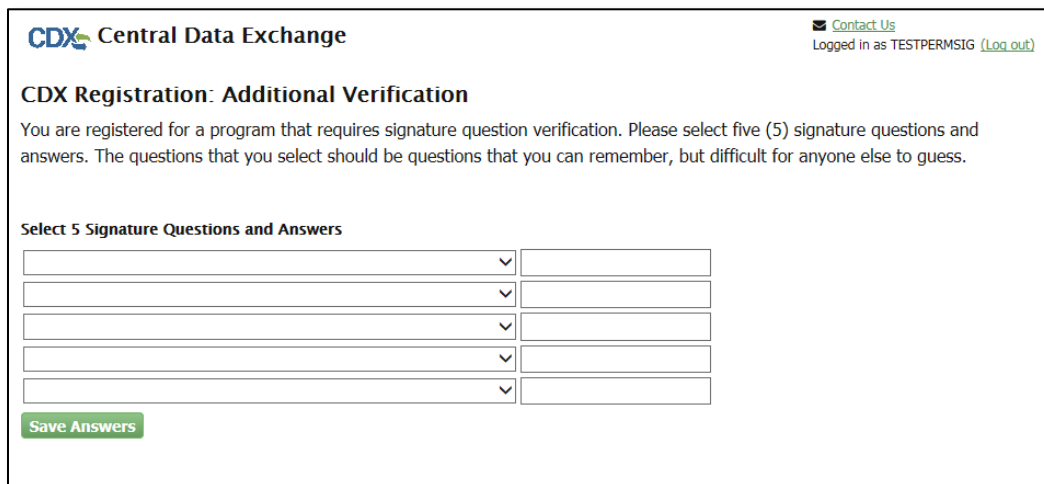
Last Name \*  First Name \*  Middle Name  SSN (Last 4) \*

Home Address \*

Home City \*  Home State \*  Home Zip \*

Home Phone  Date of Birth \*

- (iii) If identity verification is successful, you must select five (5) additional signature questions and answers. When signing a document in CDX, you will be asked to provide the answer to one of these questions. Click Save Answers when completed. Note: If you fail LexisNexis or opt to print and mail a paper ESA, you will be prompted to select these signature question upon first entry into your NeT – Biosolids Certifier role.



**CDX** Central Data Exchange [Contact Us](#)  
Logged in as TESTPERMSIG ([Log out](#))

**CDX Registration: Additional Verification**

You are registered for a program that requires signature question verification. Please select five (5) signature questions and answers. The questions that you select should be questions that you can remember, but difficult for anyone else to guess.

Select 5 Signature Questions and Answers

<input type="text"/>	▼	<input type="text"/>
<input type="text"/>	▼	<input type="text"/>
<input type="text"/>	▼	<input type="text"/>
<input type="text"/>	▼	<input type="text"/>
<input type="text"/>	▼	<input type="text"/>

- (iv) You will be redirected to the Electronic Signature Agreement page. Scroll down and click Sign Electronically if you agree to the conditions listed. Click Accept.
- (v) Enter your CDX password and click Login. You will be prompted to provide an answer to one of the five security questions you created. Security question answers are case sensitive.
- (vi) Sign file by clicking Sign. You should receive the message “Program Service successfully added.”
- (vii) If you are unable to complete the LexisNexis identity verification, you must print and complete a paper Electronic Signature Agreement (ESA). Click on “Sign Paper Form” to print out the paper ESA. Sign it and mail it to the appropriate address, which can be found at the bottom of the ESA. The ESA must be

approved by the Regulatory Authority (RA) before your Certifier role will become active.

1. Identity Verification ✓ 2. ESA

### Paper CDX Electronic Signature Agreement

The CDX electronic signature agreement (ESA) is an agreement between yourself and CDX that will authorize your electronic signature. By signing the ESA you agree to adhere to the conditions listed on the agreement below. Once the ESA has been signed, you will be authorized to sign and/or encrypt information for your data flow. For any questions regarding the CDX ESA please contact the [CDX Help Desk](#).

**U.S. Environmental Protection Agency  
Office of Enforcement and Compliance Assurance  
NPDES e-Reporting Tool Electronic Signature Agreement**

In accepting the electronic signature credential issued by the U.S. Environmental Protection Agency (EPA) to sign electronic documents submitted to EPA's Central Data Exchange (CDX), and as a representative for:

**Electronic Signature Holder Company Information**

Organization Name	AVANTI TESTER
Address	TESTER
City, State, Zip	TEST, DC 11111
Province	
Country	US
Phone Number	(703) 765-0060
E-mail Address	noi@avantiacorporation.com
Registrant's Name	Mr test permsig

(viii) You will receive an email when the ESA is approved.

4.3.2 If you need assistance registering, contact EPA's CDX helpdesk at (888) 890 – 1995 or via email at [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net).

## 5. Gaining Access to your NPDES ID

Before you can create a Biosolids Annual Program Report, a Certifier or Permit Administrator must request access to your biosolids NPDES ID. The Certifier and the Permit Administrator can grant others access to the NPDES ID. The following steps show how to request and gain access to the NPDES ID.

A unique NPDES ID was created for each biosolids generator. It is intended to be used solely to report your Federal Biosolids Annual Program Report. If you did not receive a NPDES ID in the mail or via email from EPA, please search for your facility using EPA's Enforcement and Compliance History Online (ECHO) found at [echo.epa.gov](http://echo.epa.gov), or by contacting the NPDES eReporting Help Desk at (888) 227-8965 or [NPDESReporting@epa.gov](mailto:NPDESReporting@epa.gov).


### 5.1 Initial Permit Administrator Request – Certifier or Permit Administrator Role

5.1.1 Once you are logged into CDX, click on **Certifier** for the BIOSOLIDS: NeT – EPA Biosolids Program on the MyCDX homepage.

MyCDX							
Inbox		My Profile		Role Sponsorship		Submission History	
Services							Manage
Status	Program Service Name					Role	
	BIOSOLIDS: NeT - EPA Biosolids Program					<a href="#">Certifier</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW					<a href="#">CGP</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW					<a href="#">PGP</a>	
	NETEPAMSGP: NeT - EPA NPDES Stormwater Industrial Multi-Sector General Permit					<a href="#">Certifier</a>	


5.1.2 Click on **Forms** to access all the forms available to you to submit.

Home    Forms    Tasks (4)    History




**Forms**

View available forms and start filling them in



**Task List (4)**

Complete your saved draft forms and tasks



**History**

View the history of forms you have submitted

Forms

This is where you will be able to browse the forms available to you and start filling in new forms. If this is your first time then start here.

5.1.3 Select **NPDES ID Access Request Form**.

## Forms

Select from the list of available forms below.

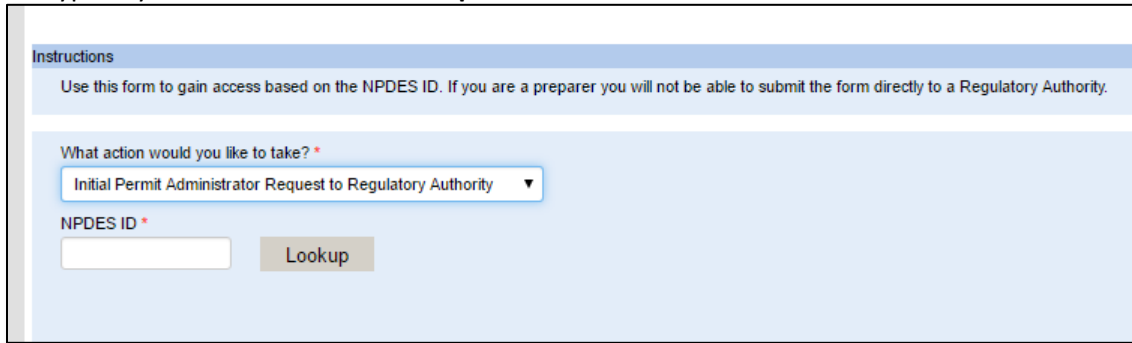
- ▶ **Biosolids-Sewage Sludge Annual Program Report**

Federal Annual Report for the Biosolids/Sewage Sludge program due February 19 of every year. This program report is required for publically owned treatment works (POTWs) with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I...
- ▶ **NPDES ID Access Request Form**

Request access to a NPDES ID from a Certifier or Permit Administrator or (if no one in the Organization has access) send an Initial Request for Access to the Regulatory Authority. NeT users must have access to NPDES IDs before they can create, edit, or submit a Change NOI, NOT, or Annual Report.

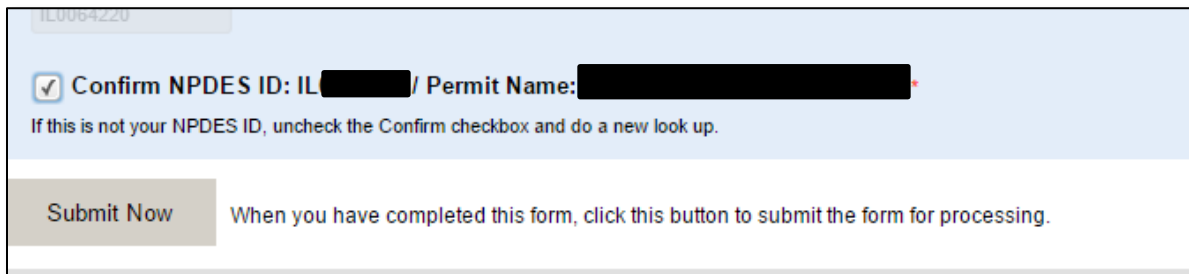


- 5.1.4 From the drop-down menu, choose “**Initial Permit Administrator Request to Regulatory Authority**” and type in your NPDES ID. Click **Lookup**.



The screenshot shows a web form with a blue header bar containing the word "Instructions". Below the header, there is a line of text: "Use this form to gain access based on the NPDES ID. If you are a preparer you will not be able to submit the form directly to a Regulatory Authority." The main form area has a question "What action would you like to take?\*" followed by a dropdown menu with "Initial Permit Administrator Request to Regulatory Authority" selected. Below this is a text input field labeled "NPDES ID\*" and a "Lookup" button.

- 5.1.5 Confirm the information associated with your NPDES ID and click **Submit Now**.



The screenshot shows a confirmation form with a blue header bar. It contains a checked checkbox and the text "Confirm NPDES ID: IL [redacted] / Permit Name: [redacted]\*". Below this is a line of text: "If this is not your NPDES ID, uncheck the Confirm checkbox and do a new look up." At the bottom, there is a "Submit Now" button and a note: "When you have completed this form, click this button to submit the form for processing."

- 5.1.6 You will be taken to a submission confirmation page and sent a confirmation email.
- 5.1.7 The Regulatory Authority for your EPA Region will approve or deny the initial access request. You will be notified via email when such action is taken.
- 5.1.8 Once access is approved, you can choose to grant someone within your organization “Permit Administrator” authority for a NPDES ID you have access to. This means that they will be able to manage access to that NPDES ID for you and can grant or revoke access to that NPDES ID for other NeT users inside and outside of your organization. You should only give this authority to someone you trust. Permit Administrators cannot sign and submit permits like Certifiers, but placing someone in this role may be useful for controlling which Preparers can prepare forms for that NPDES ID.
- 5.1.9 If you are the Certifier preparing the Annual Report form, skip to Section 6.

## 5.2 NPDES ID Access Request – Preparer Role

Once a Certifier has been granted Initial Administrator Access to the NPDES ID, a Preparer must complete a NPDES ID Access Request in order to receive access to the NPDES ID and complete an Annual Report.

- 5.2.1 Once you are logged into CDX, click on **Preparer** for the BIOSOLIDS: NeT – EPA Biosolids Program on the MyCDX homepage.

MyCDX			
Inbox		My Profile	
Role Sponsorship		Submission History	
Services <span style="float: right;">Manage</span>			
Status	Program Service Name	Role	
	BIOSOLIDS: NeT - EPA Biosolids Program	<a href="#">Certifier</a>	
	BIOSOLIDS: NeT - EPA Biosolids Program	<a href="#">Preparer</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW	<a href="#">CGP</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW	<a href="#">PGP</a>	
	NETEPAMSGP: NeT - EPA NPDES Stormwater Industrial Multi-Sector General Permit	<a href="#">Certifier</a>	

5.2.2 Click on **Forms** to access all the forms available to you to submit.

Home	Forms	Tasks (4)	History
<p><b>Forms</b> View available forms and start filling them in</p>	<p><b>Task List (4)</b> Complete your saved draft forms and tasks</p>	<p><b>History</b> View the history of forms you have submitted</p>	
<p><b>Forms</b></p> <p>This is where you will be able to browse the forms available to you and start filling in new forms. If this is your first time then start here.</p>			

5.2.3 Click on **NPDES ID Access Request Form**.

## Forms

Select from the list of available forms below.

---

- ▶ **Biosolids-Sewage Sludge Annual Program Report**  
Federal Annual Report for the Biosolids/Sewage Sludge program due February 19 of every year. This program report is required for publically owned treatment works (POTWs) with a design flow rate equal to or greater than one million gallons per day, POTWs that serve 10,000 people or more, Class I...
- ▶ **NPDES ID Access Request Form**  
Request access to a NPDES ID from a Certifier or Permit Administrator or (if no one in the Organization has access) send an Initial Request for Access to the Regulatory Authority. NeT users must have access to NPDES IDs before they can create, edit, or submit a Change NOI, NOT, or Annual Report.

5.2.4 From the drop-down menu, choose “NPDES ID Access” and type in your NPDES ID. Click **Lookup**.

**Instructions**  
Use this form to gain access based on the NPDES ID. If you are a preparer you will not be able to submit the form directly to a Regulatory Authority.

What action would you like to take? \*

NPDES ID Access

NPDES ID \*

IL [REDACTED]

Confirm NPDES ID: IL [REDACTED] / Permit Name: [REDACTED] \*

If this is not your NPDES ID, uncheck the Confirm checkbox and do a new look up.

5.2.5 Confirm the information associated with your NPDES ID.

5.2.6 Fill in and confirm the Certifier or Permit Administrator Email and click **Submit Now**.

If this is not your NPDES ID, uncheck the Confirm checkbox and do a new look up.

**Permit Administration Information**

Certifier or Permit Administrator Email \*

certifiertest@avanticorporation.com

Confirm Certifier or Permit Administrator: certifiertest@avanticorporation.com \*

When you have completed this form, click this button to submit the form for processing.

5.2.7 You will be redirected to a submission confirmation page. Save your submission tracking code for your records.

## Submission Complete

You have successfully completed your NPDES ID Access Request Form submission

Your Tracking Code is:

# REQ-763

Please record your tracking code. You may quote this number when enquiring about your application.

From Here

- [Review your outstanding tasks](#)
- OR
- [Download a PDF copy of your form](#)

5.2.8 The Certifier or Permit Administrator will need to log into NeT and approve or reject your request.

### 5.3 Approving a NPDES ID Access Request – Certifier or Permit Administrator Role

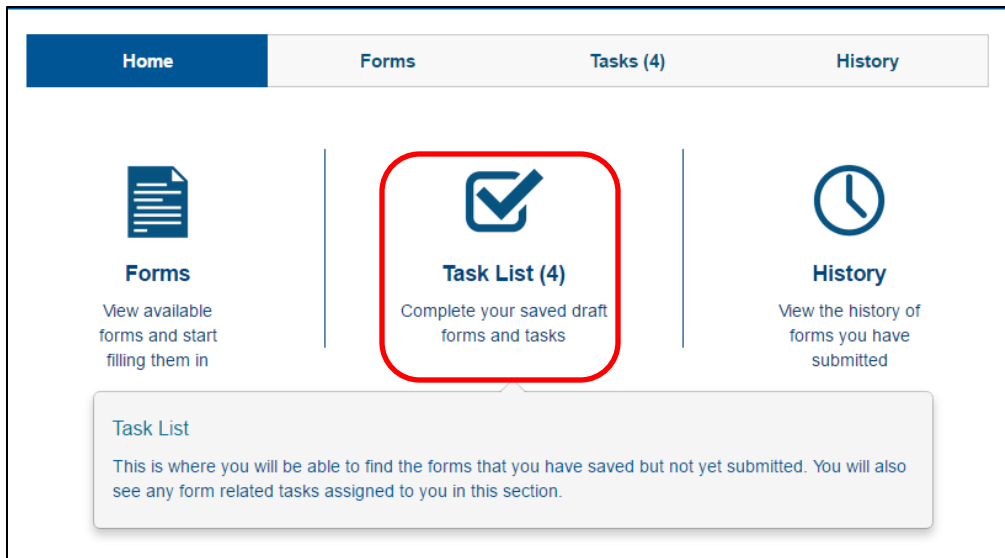
Once a NPDES ID Access Request form has been submitted, the Certifier and Permit Administrator will receive an email informing them of a new task in the NeT Program and instructions on how to access it. The Certifier or Permit Administrator must go into NeT and approve or deny the request.

5.3.1 Log into CDX and click on **Certifier** for the BIOSOLIDS: NeT – EPA Biosolids Program.

The screenshot shows the MyCDX interface with a navigation bar containing 'MyCDX', 'Inbox', 'My Profile', 'Role Sponsorship', and 'Submission History'. Below this is a 'Services' section with a 'Manage' icon. A table lists services with columns for 'Status', 'Program Service Name', and 'Role'. The 'Role' for the first service, 'BIOSOLIDS: NeT - EPA Biosolids Program', is 'Certifier', which is highlighted with a red box.

Status	Program Service Name	Role
	BIOSOLIDS: NeT - EPA Biosolids Program	<b>Certifier</b>
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW	CGP
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW	PGP
	NETEPAMSGP: NeT - EPA NPDES Stormwater Industrial Multi-Sector General Permit	Certifier

5.3.2 Click on Tasks to see all tasks you have yet to complete.



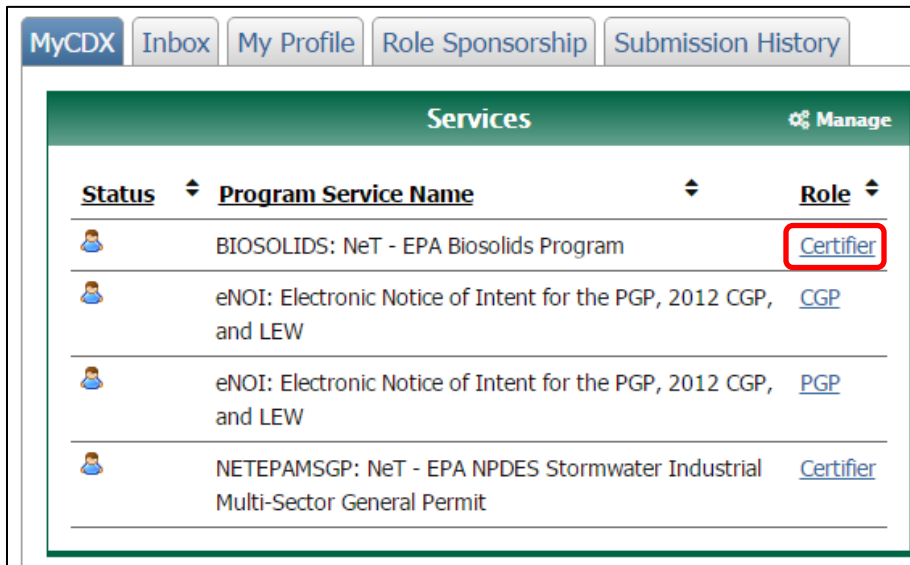
- 5.3.3 Select the Task with “Approve NPDES ID Access Request” in the title.
- 5.3.4 Confirm the information within the form and click approve to grant access to the requester.
- 5.3.5 The Preparer will receive an email notification that the request has been approved. The Preparer may now fill out a Biosolids Annual Report form for the NPDES ID.

## 6. Create a Biosolids Annual Report

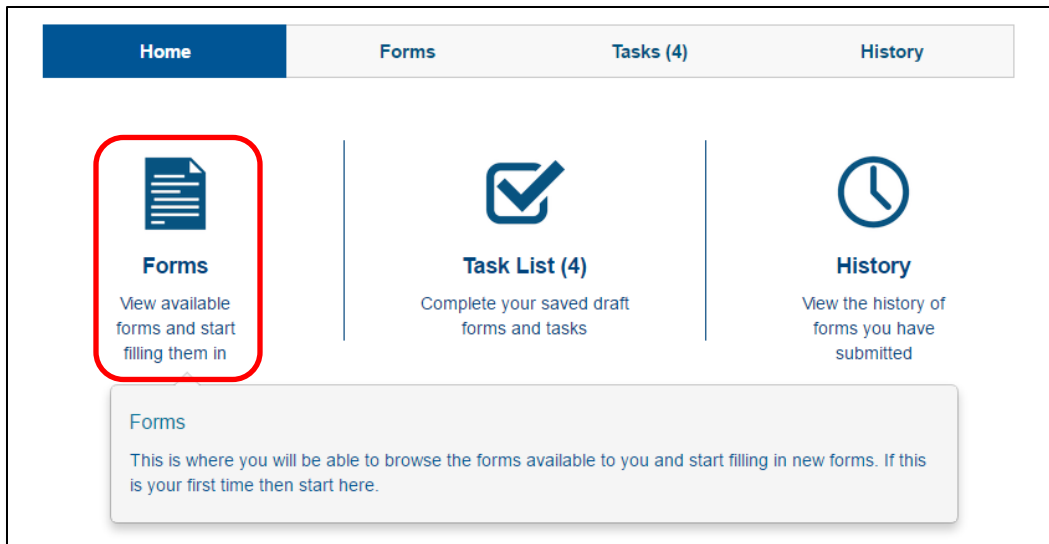
Once you have access to the NPDES ID, you can submit a Biosolids Annual Program Report using NeT.

### 6.1 Access the Annual Program Report Form

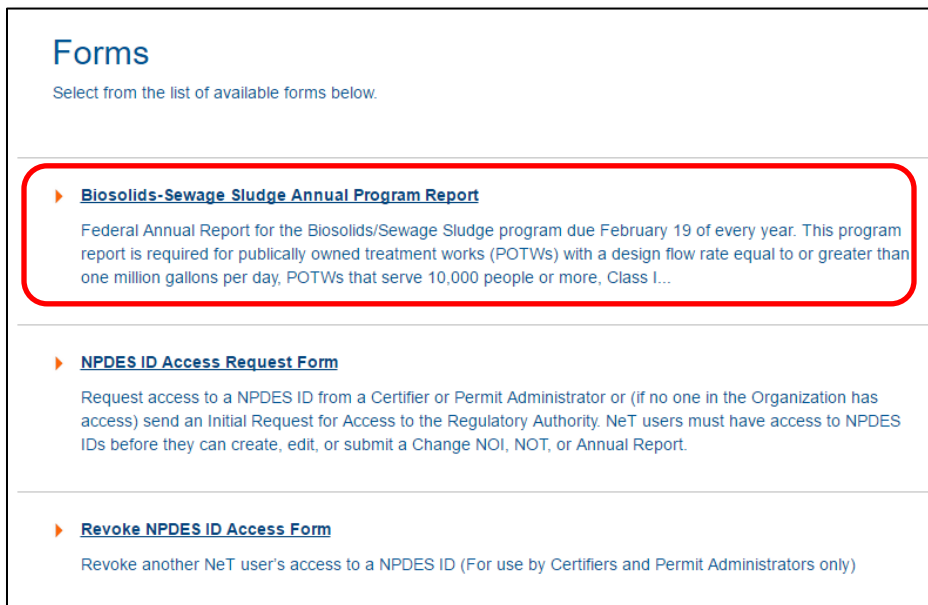
- 6.1.1 Once you are logged into CDX, click on your **role** (Preparer, Certifier, or Permit Administrator) for the “BIOSOLIDS: NeT – EPA Biosolids Program” program service.



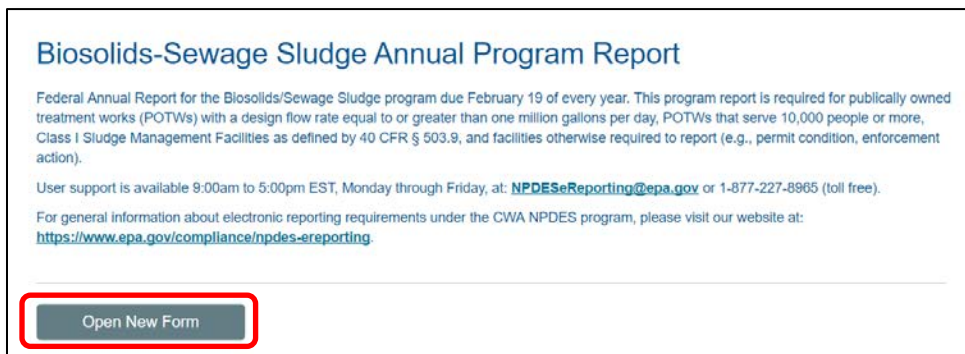
- 6.1.2 Click on **Forms** to access all the forms available to you to submit.



6.1.3 Select the **Biosolids-Sewage Sludge Annual Program Report**.



6.1.4 Click **Open New Form** to open the Annual Program Report form.



6.2 Completing Your Annual Program Report

- 6.2.1 From the “What action would you like to take?” drop-down menu, select “New Biosolids Program Report”

- 6.2.2 The Annual Program Report is a responsive form, meaning questions will appear as you fill out information. Please see Appendix B for different scenarios and how facilities will report under each scenario.

- 6.2.3 You can click “Save to NeT” at any time to save your progress and come back to the form at a later time. You will be able to find the form in your Tasks.

- 6.2.4 **1. Program Information:** In this section, you will identify NPDES ID that you are using to complete this form. Make a selection from the drop down menu and click on “Load Facility Data.” You should then use the check boxes to confirm your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR 503. Check one or more that apply. You can also modify the start and end dates for this annual report form as needed. The default reporting period is calendar year 2016. Note: If your NPDES ID is not listed in the drop-down menu, you will need to complete a NPDES ID Access Request Form. See [Section 5](#) of this document.

- 6.2.5 **2. Facility Information:** In this section, you will identify the treatment technology options that you use to prepare, treat, or manage biosolids. Please check the box next to the following biosolids or sewage sludge treatment processes that you used on the sewage sludge or biosolids generated or produced at your facility during the reporting period. Check all that apply.

**2. Facility Information**

**2.1 Biosolids or Sewage Sludge Treatment Processes**

Please check the box next to the following biosolids or sewage sludge treatment processes that you used on the sewage sludge or biosolids generated or produced at your facility during the reporting period (check one or more that apply). \*

**Pathogen Reduction Operations (see Appendix B to Part 503)**

Processes to Significantly Reduce Pathogens (PSRP)

Aerobic digestion

Air Drying (or "sludge drying beds")

Anaerobic digestion

Lower Temperature Composting

Lime Stabilization

Processes to Further Reduce Pathogens (PFRP)

Higher Temperature Composting

Heat Drying (e.g., flash dryer, spray dryer, rotary dryer)

Heat Treatment (Liquid sewage sludge is heated to temp. of 356°F (or 180°C) or higher for 30 min.)

Thermophilic Aerobic Digestion

Beta Ray Irradiation

Gamma Ray Irradiation

Pasteurization

**Physical Treatment Operations**

Preliminary Operations (e.g., sludge grinding, degritting, blending)

Thickening (gravity and/or flotation thickening, centrifugation, belt filter press, vacuum filter)

Sludge Lagoon

**Other Processes to Manage Sewage Sludge**

Temporary Sludge Storage (sewage sludge stored on land 2 years or less, not in sewage sludge unit)

Long-term Sludge Storage (sewage sludge stored on land 2 years or more, not in sewage sludge unit)

Methane or Biogas Capture and Recovery

Other Treatment Process:

**6.2.6 2.2 Biosolids or Sewage Sludge Analytical Methods:** EPA regulations specify that representative samples of sewage sludge that is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator must be collected and analyzed. These regulations also specify the analytical methods that must be used to analyze samples of sewage sludge. EPA requires facilities to monitor for the certain parameters, (listed in Tables 1, 2, 3, and 4 at 40 CFR §503.13 and Tables 1 and 2 40 CFR §503.23. See also 40 CFR §503.8).

Please check the box next to the following analytic methods used on the sewage sludge or biosolids generated or produced by you or your facility during the reporting period. Check all that apply.

**2.2 Biosolids or Sewage Sludge Analytical Methods**

EPA regulations specify that representative samples of sewage sludge that is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator must be collected and analyzed. These regulations also specify the analytical methods that must be used to analyze samples of sewage sludge. For example, EPA requires facilities to monitor for the certain parameters, which are listed in Tables 1, 2, 3, and 4 at 40 CFR 503.13 and Tables 1 and 2 40 CFR 503.23. See also 40 CFR 503.8.

Please check the box next to the following analytic methods used on the sewage sludge or biosolids generated or produced by you or your facility during the reporting period (check one or more that apply). \*

Parameter	Method Number or Author	Description Text for Certification Section
Pathogens	<input type="checkbox"/> Sludge Monitoring - Ascaris ova.	Sludge Monitoring - Ascaris ova., "Method for the Recovery and Assay of Total Culturable Viruses from Sludge (Appendix I)," Control of Pathogens and Vector Attraction in Sewage Sludge", EPA-625-R-92-013, July 2003
	<input type="checkbox"/> Other Ascaris ova. Analytical Method:	
Enteric viruses	<input type="checkbox"/> ASTM Method D4994 - Enteric Viruses	ASTM Method D4994 - Enteric Viruses, "Standard Practice for Recovery of Viruses From Wastewater Sludges," ASTM International
	<input type="checkbox"/> Other Enteric Viruses Analytical Method:	
Fecal coliform	<input type="checkbox"/> Standard Method 9222 - Fecal coliform	Standard Method 9222 - Fecal Coliform, "Standard Methods for the Examination of Water and Wastewater," American Public Health Association [Note: This method is only allowable for Class B sewage sludge] Standard Method 9221 - Fecal Coliform, "Standard Methods for the Examination of Water and Wastewater," American Public Health Association EPA Method 1680 - Fecal Coliform, "Fecal Coliforms in Sewage Sludge by Multiple-Tube Fermentation using Lauryl Tryptose Broth and EC Medium," EPA-821-R-10-003, April 2010 EPA Method 1681 - Fecal Coliform, Fecal Coliforms in Sewage Sludge (Biosolids) by MultipleTube Fermentation using A-1 medium, EPA-821-R-04-027, June 2005
	<input type="checkbox"/> Standard Method 9221 - Fecal coliform	
	<input type="checkbox"/> EPA Method 1680 - Fecal Coliform	
	<input type="checkbox"/> EPA Method 1681 - Fecal Coliform	
	<input type="checkbox"/> Other Fecal Coliform Analytical Method:	

**6.2.7 2.3 – Total Volume of Biosolids or Sewage Sludge (Dry Metric Tons):** Enter the estimated total volume of biosolids or sewage sludge produced at your facility for the reporting period (in dry metric tons).

2.3 What is the estimated total volume of biosolids or sewage sludge produced at your facility for the reporting period (in dry metric tons)? \*

**6.2.8 3. Biosolids or Sewage Sludge Management:** In this section, you will identify how sewage sludge or biosolids generated or produced at your facility was managed, used, or disposed by you or your facility for the reporting period. You can use the "Click to Add Another Sewage Sludge Unique Identifier" button below to add as many Sewage Sludge Unique Identifier (SSUID) sections as needed to describe how you manage your sewage sludge. For example, if you manage your biosolids through land



application and surface disposal, then you will complete one “SSIUD Section” for land application and another “SSIUD Section” for surface disposal. Likewise, you will complete different SSIUD Sections for each of the different methods that you if you managed, used, or disposed of your sewage sludge or biosolids.

It is important to note that you should select “Off-Site Third-Party Handler or Preparer” for “Handler or Preparer Type” in scenarios where you generate sewage sludge but another separate entity provides a service to handle or prepare your biosolids. This is often done by commercial enterprises offering services for sewage sludge handling and preparing. The third-party handler or preparer will take possession of the biosolids and manage the biosolids (e.g., composting) prior to ultimate disposition (e.g., land application). You should select “Owner or Operator” if you are handling or preparing the biosolids. For example, you would select “Owner or Operator” if you or your contract hauler is disposing of sewage sludge or biosolids in a municipal solids waste landfill.

You will be asked to provide facility and contact information for each third-party handler or preparer for each SSUID.

6.2.9 For **land application** SSUIDs, please indicate if the concentrations in your sewage sludge exceeded a monthly average pollutant concentration in Table 3 of 40 CFR §503.13. Please also indicate if sewage sludge exceeded 90 percent or more of any of the cumulative pollutant loading rates in Table 2 of 40 CFR §503.13.

6.2.10 For **land application** SSUIDs, identify the pathogen reduction options and vector attraction reduction options used by the facility.

<b>Class A (must also demonstrate that meet fecal coliform or salmonella limits)</b>	
<input type="checkbox"/> A1	Class A-Alternative 1: Time/Temperature
<input type="checkbox"/> A2	Class A-Alternative 2: pH/Temperature/Percent Solids
<input type="checkbox"/> A3	Class A-Alternative 3: Test Enteric Viruses and Helminth ova; Operating Parameters
<input type="checkbox"/> A4	Class A-Alternative 4: Test Enteric Viruses and Helminth ova; No New Solids
<input type="checkbox"/> A51	Class A-Alternative 5 PFRP 1: Composting
<input type="checkbox"/> A52	Class A-Alternative 5 PFRP 2: Heat Drying
<input type="checkbox"/> A53	Class A-Alternative 5 PFRP 3: Liquid Heat Treatment
<input type="checkbox"/> A54	Class A-Alternative 5 PFRP 4: Thermophilic Aerobic Digestion (ATAD)
<input type="checkbox"/> A55	Class A-Alternative 5 PFRP 5: Beta Ray Irradiation
<input type="checkbox"/> A56	Class A-Alternative 5 PFRP 6: Gamma Ray Irradiation
<input type="checkbox"/> A57	Class A-Alternative 5 PFRP 7: Pasteurization
<input type="checkbox"/> A6	Class A-Alternative 6: PFRP Equivalency

<b>Vector Attraction Reduction Options</b>	
<input type="checkbox"/> VR1	Option 1-Volatile Solids Reduction
<input type="checkbox"/> VR2	Option 2-Bench-Scale Volatile Solids Reduction (Anaerobic Bench Test)
<input type="checkbox"/> VR3	Option 3-Bench-Scale Volatile Solids Reduction (Aerobic Bench Test with Percent Solids of Two Percent or Less)
<input type="checkbox"/> VR4	Option 4-Specific Oxygen Uptake Rate
<input type="checkbox"/> VR5	Option 5-Aerobic Processing (Thermophilic Aerobic Digestion/Composting)
<input type="checkbox"/> VR6	Option 6-Alkaline Treatment
<input type="checkbox"/> VR7	Option 7-Drying (Equal to or Greater than 75 Percent)
<input type="checkbox"/> VR8	Option 8-Drying (Equal to or Greater than 90 Percent)
<input type="checkbox"/> VR9	Option 9-Sewage Sludge Injection
<input type="checkbox"/> VR10	Option 10-Sewage Sludge Timely Incorporation into Land
<input type="checkbox"/> VR11	Option 11-Sewage sludge Covered at the End of Each Operating Day

6.2.11 For **surface disposal** SSUIDs, identify the applicable pollutant limits, if such limits apply.

For the sewage sludge or biosolids generated or produced at your facility, did you or another person/facility use an active surface disposal site (e.g., monofill, surface impoundment, sludge lagoon, waste pile, dedicated disposal site, and dedicated beneficial use site) that did not have a liner and leachate collection system during the reporting period?

Yes     No     Unknown

Does this active surface disposal site without a liner and leachate collection system have site-specific limits per § 503.23(b)?

Yes     No     Unknown

Is the minimum distance from the unit boundary of the active surface disposal site without a liner and leachate collection system to the property line of this surface disposal site less than 150 meters? See Table 2 of § 503.23.

Yes     No     Unknown

Please input the minimum distance (in meters) from the unit boundary of the active surface disposal site without a liner and leachate collection system to the property line of this surface disposal site.

6.2.12 Use the check boxes to indicate any noncompliance with EPA’s Federal sewage sludge program requirements (see 40 CFR §503) for this facility during the reporting period. EPA notes that any person who prepares sewage sludge (i.e., person who generates sewage sludge or a person who derives a material from sewage sludge) shall ensure that the applicable requirements in EPA’s biosolids regulations (40 CFR §503) are met when the sewage sludge is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator (see 40 CFR §503.7). There are checkboxes that are specific to land application, surface disposal, and incineration.

**Noncompliance Reporting**

Please use the check boxes below to indicate any noncompliance with EPA’s Federal sewage sludge program requirements (see 40 CFR 503) for this facility during the reporting period. EPA notes that any person who prepares sewage sludge (i.e., person who generates sewage sludge or a person who derives a material from sewage sludge) shall ensure that the applicable requirements in EPA’s biosolids regulations (40 CFR 503) are met when the sewage sludge is applied to the land, placed on a surface disposal site, or fired in a sewage sludge incinerator (see 40 CFR 503.7).

**Land Application**

Facility land applied bulk sewage sludge or sold or gave away sewage sludge in a bag or other container when one or more pollutant concentrations in the sewage sludge exceeded a land application ceiling pollutant limit (see Table 1 of 40 CFR 503.13).

Facility failed to properly collect and analyze its sewage sludge in accordance with the required monitoring frequency and approved analytical methods in order to obtain an accurate and representative sample (including appropriate method holding times) (see permit requirements and 40 CFR 503.8).

Facility had deficiencies with pathogen reduction (see 40 CFR 503.32).

You can provide additional explanatory details in the comment box (limit to 3,900 characters) or attach a PDF file if you are reporting any noncompliance with EPA’s Federal sewage sludge program requirements (see 40 CFR §503) for this SSUID during the reporting period. In particular, please note the sewage sludge tonnage related to the deficiencies identified above.

6.2.13 **4. Biosolids or Sewage Sludge Management:** Complete the following tables if you incinerate your Biosolids.

4. Incineration

Please complete the following tables for the on-site sewage sludge incineration conducted by you or your facility.

Pollutant In Sewage Sludge Fed to Incinerator	Average Daily Concentration	Calculated Limit	Parameter Units
Arsenic			
Beryllium			
Cadmium			
Chromium			
Lead			
Mercury			
Nickel			

6.2.14 **5. Biosolids Monitoring Data:** In this section, you will input your biosolids or sewage sludge monitoring data, which should be representative of the sewage sludge that was applied to land or placed on a surface disposal site during the reporting year. This section uses the frequency of monitoring requirements in 40 CFR §503.16 and §503.26. The following codes can be used as data qualifiers: T = Too Numerous to Count, E = Estimated, N = No Data. Refer to Appendix C for guidance and examples on how to complete this section.

**Biosolids Monitoring Data**

**Ceiling Concentration Limits for All Biosolids Applied to Land**

Biosolids or Sewage Sludge Monitored Parameter	Measurement Type	Unit of Measure	Sample Type
Arsenic	Maximum	mg/kg	COMPOS
January-December *			
= [dropdown]			
Biosolids or Sewage Sludge Monitored Parameter	Measurement Type	Unit of Measure	Sample Type
Cadmium	Maximum	mg/kg	COMPOS
January-December *			
= [dropdown]			
Biosolids or Sewage Sludge Monitored Parameter	Measurement Type	Unit of Measure	Sample Type
Copper	Maximum	mg/kg	COMPOS

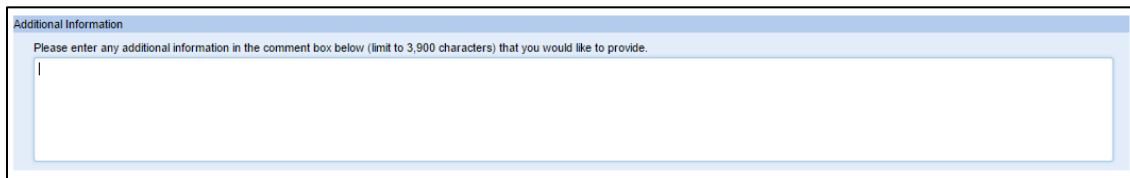
For filers that use land application, input your biosolids or sewage sludge monitoring data in the

following two tables: “Maximum Pollutant Concentration Data for All Sewage Sludge Applied to Land” and “Monthly Average Pollutant Concentration Data for All Sewage Sludge Applied to Land.”

EPA’s sewage sludge regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (see Table 1 of 40 CFR §503.13). In order to identify noncompliance, EPA will compare the pollutant concentrations provided in the “Maximum Pollutant Concentration Data for All Sewage Sludge Applied to Land” section against the ceiling concentration limits in Table 1 of 40 CFR §503.13.

The form also provides tables for sewage sludge that is surface disposed. There is a section for facilities that have site-specific limits and use an active sewage sludge unit without a liner and leachate collection system. There are also different sections for the other surface disposal pollutant limits in 40 CFR §503 (e.g., Active Sewage Sludge Unit 25 to less than 50 meters distance from the boundary to the property line). Please provide the applicable site-specific limits in the “Additional Information” box below.

- 6.2.15 **Additional Information:** In this section, you can input any additional information that is relevant to the completion of your annual program report. You can also upload a PDF attachment to provide additional information.

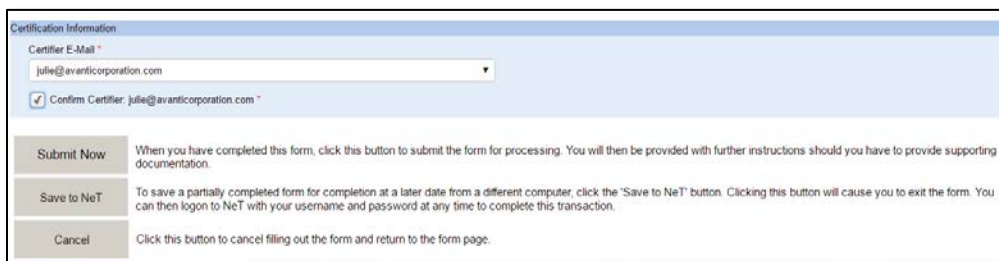


The screenshot shows a form titled "Additional Information". Below the title is a text box with the instruction: "Please enter any additional information in the comment box below (limit to 3,900 characters) that you would like to provide." The text box is currently empty.

### 6.3 Submitting your Annual Program Report to a Certifier – Preparer or Permit Administrator Role

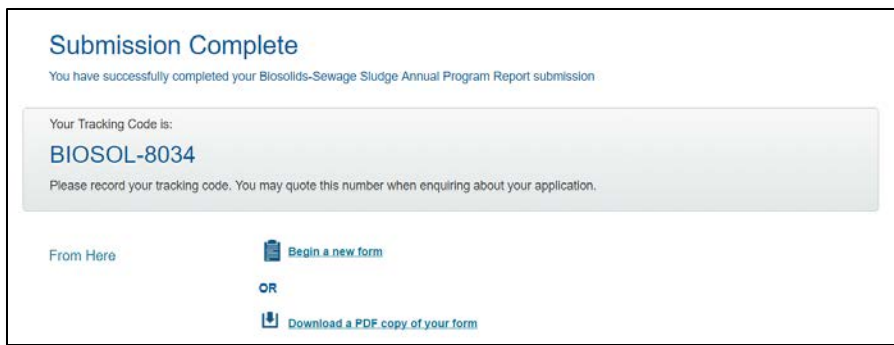
If you are a Certifier preparing the form, skip to [Section 6.4](#).

- 6.3.1 When you have completed your Annual Report, select your Certifier Email from the drop-down menu and check the “Confirm Certifier” box.



The screenshot shows a form titled "Certification Information". It contains a dropdown menu for "Certifier E-Mail" with the value "julie@avanticorporation.com" selected. Below the dropdown is a checkbox labeled "Confirm Certifier julie@avanticorporation.com" which is checked. At the bottom of the form, there are three buttons: "Submit Now", "Save to NeT", and "Cancel". Each button has a corresponding instruction: "Submit Now" (When you have completed this form, click this button to submit the form for processing. You will then be provided with further instructions should you have to provide supporting documentation.), "Save to NeT" (To save a partially completed form for completion at a later date from a different computer, click the 'Save to NeT' button. Clicking this button will cause you to exit the form. You can then logon to NeT with your username and password at any time to complete this transaction.), and "Cancel" (Click this button to cancel filling out the form and return to the form page.).

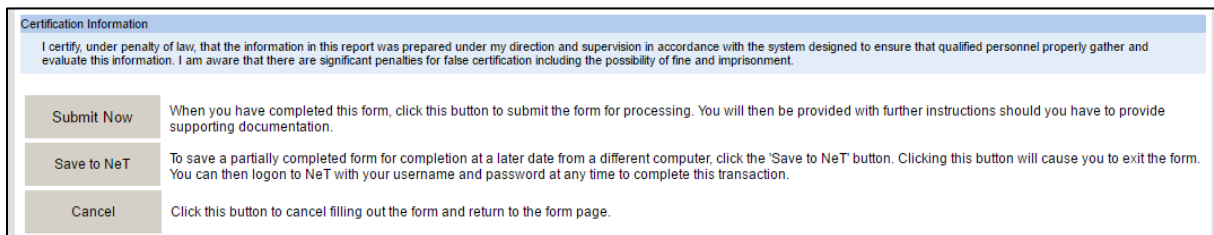
- 6.3.2 Click “Submit Now.” You will be redirected to a submission confirmation page. The Certifier will receive an email notifying them to complete the certification process.



6.3.3 If you need to submit another Biosolids Annual Report, click on “Begin a new form” to be redirected back to the Forms page.

## 6.4 Submitting Your Annual Program Report – Certifier Role

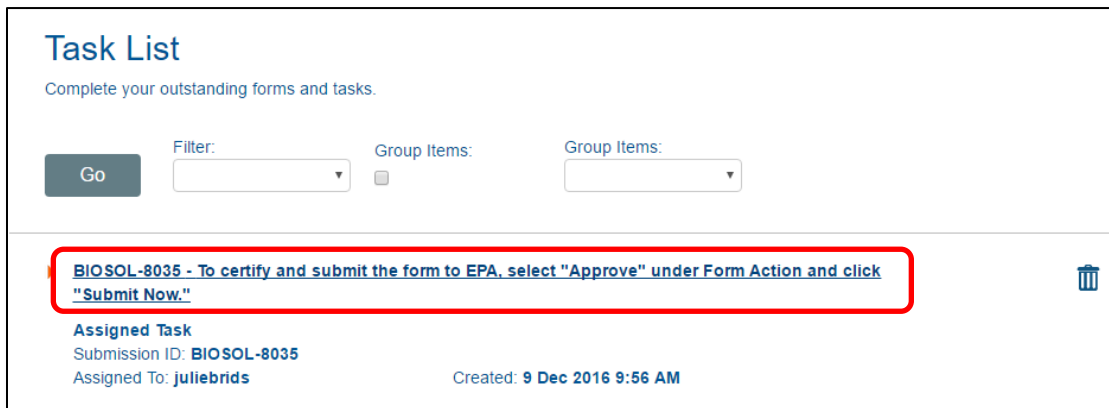
- 6.4.1 As the Certifier you will have the option to submit the Annual Program Report directly to EPA.
- 6.4.2 Select your email from the drop down menu under Certifier E-mail.
- 6.4.3 Review your report and click “Submit Now” at the bottom of the page.



6.4.4 You will be redirected to the CDX electronic signature page. Skip to [Section 6.6](#).

## 6.5 Certifying Your Annual Program Report – Certifier Role

- 6.5.1 You will receive an email notifying you that you have a Task to complete.
- 6.5.2 Log into your CDX account and access the Biosolids: NeT - EPA Biosolids Program.
- 6.5.3 Click on Tasks to see all tasks awaiting completion.
- 6.5.4 Select the task that begins with “To certify and submit the form to EPA...”



6.5.5 Review the information within the Annual Report.

6.5.6 At the bottom of the form in the Certification section, select “Approve” from the drop down menu. If you wish to reject the Annual Report, you may select “Reject” and provide a reason in the text box.

**Certification Information**

I certify, under penalty of law, that the information in this report was prepared under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate this information. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment.

Certifier E-Mail \*  Form Action \*

<b>Submit Now</b>	When you have completed this form, click this button to submit the form for processing. You will then be provided with further instructions should you have to provide supporting documentation.
<b>Save to NeT</b>	To save a partially completed form for completion at a later date from a different computer, click the 'Save to NeT' button. Clicking this button will cause you to exit the form. You can then logon to NeT with your username and password at any time to complete this transaction.
<b>Cancel</b>	Click this button to cancel filling out the form and return to the form page.

6.5.7 Click “Submit Now” at the bottom of the page to be taken to the Electronic Signature Page.

## 6.6 CDX Electronic Signature Page

Here you will complete your electronic signature to sign and submit the Annual Report. You will have to provide your CDX account password and an answer to one of your signature questions. The signature questions were created during the identity verification step (see section 4.3 above) and are not your CDX account security questions.

6.6.1 Click “Sign” to begin the process.

**CDX Signature Instructions**

Please complete the CDX Signing process.  
Use the "Sign" button to populate the fields, then use the "Signing Complete" button.  
Click [here](#) if you would like to save a copy of the signable package.

CDX Activity ID \*

File Document Id

File Name

File Type

File Submission Date

**Sign**

6.6.2 Provide the information required to verify your identity within CDX and click “Sign”. If your answers are not accepted, you will need to contact the CDX Help Desk to reset your password and/or security questions.

**eSignature Signing Page**

<p><b>1. Login into CDX</b></p> <p>User: <input type="text" value=""/></p> <p>Password: <input type="text" value=""/></p> <p>Welcome Julia Bridstrup</p>	<p><b>2. Answer Secret Question</b></p> <p>Question: Where did you graduate from high school?</p> <p>Answer: <input type="text" value="fhs"/></p> <p>Correct Answer</p>	<p><b>3. Sign File</b></p> <p><input type="button" value="Sign"/> <input type="button" value="Cancel"/></p>
--	---	---

6.6.3 When you have completed the eSignature Signing steps, click on “Signing Complete” to submit your

Annual Report to EPA.

CDX Activity ID *	<input type="text" value="_9ed2d8e4-423f-4d91-a47e-3ec"/>
File Document Id	<input type="text" value="af486b6a-0848-4e74-aa5f-5a9a1"/>
File Name	<input type="text" value="Submission-Package-d8976ee6f"/>
File Type	<input type="text" value="application/x-gzip"/>
File Submission Date	<input type="text" value="Fri Dec 09 16:42:00 EST 2016"/>
<input type="button" value="Signing Complete"/> <input type="button" value="Cancel Submission"/>	

6.6.4 You will be redirected to a confirmation page when your submission is complete.

## Submission Complete

You have successfully completed your Biosolids-Sewage Sludge Annual Program Report submission

Your Tracking Code is:

### BIOSOL-8053

Please record your tracking code. You may quote this number when enquiring about your application.

6.6.5 The Certifier and the Preparer will receive an email with an attached PDF copy of the submitted Annual Program Report.

## 7. How to View Your Past NeT Submissions

You are able to view a history of all the forms you have submitted using the NeT program.

### 7.1 Access Your NeT History

7.1.1 Log into CDX and access the BIOSOLIDS: NeT – EPA Biosolids Program program service by selecting the appropriate role.

MyCDX							
Inbox		My Profile		Role Sponsorship		Submission History	
Services							Manage
Status	Program Service Name					Role	
	BIOSOLIDS: NeT - EPA Biosolids Program					<a href="#">Certifier</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW					<a href="#">CGP</a>	
	eNOI: Electronic Notice of Intent for the PGP, 2012 CGP, and LEW					<a href="#">PGP</a>	
	NETEPAMSGP: NeT - EPA NPDES Stormwater Industrial Multi-Sector General Permit					<a href="#">Certifier</a>	

7.1.2 Click on **History** to view all forms that you have submitted through NeT.

Home	Forms	Tasks (4)	History
<p><b>Forms</b> View available forms and start filling them in</p>	<p><b>Task List (4)</b> Complete your saved draft forms and tasks</p>	<p><b>History</b> View the history of forms you have submitted</p>	
<p><b>History</b> This is where you can review the forms you have completed and submitted.</p>			

7.1.3 If a form does not appear in the History page, it may not have submitted successfully. Check your Task List to complete any unsubmitted forms.



## Appendix A: Help and Support

If you need further assistance with the Biosolids Annual Program Report, please call EPA's NPDES eReporting Helpdesk at 1-877-227-8965 (toll-free) or send an email to NPDESReporting@epa.gov.

If you need further assistance logging on to CDX, please call 888-890-1995 (toll-free) or (970) 494-5500 for International callers. You may also visit the CDX help webpage at <https://cdx.epa.gov/Help> or send an email to Technical Support at [helpdesk@epacdx.net](mailto:helpdesk@epacdx.net).

If you need further guidance on how best to fill out your annual report or your monitoring requirements, please contact your Regulatory Authority.

## Appendix B: Examples of How to Complete the Biosolids Annual Report

The following are different scenarios showing how the Annual Report can be completed.

### Scenario #1 – A POTW sends all its Sewage Sludge to a Municipal Landfill

It is important to note that EPA NPDES regulations at 40 CFR Part 503 only require reporting for land application, surface disposal, or incineration. The POTW will select "Other Management Practice" if it wishes to provide more information than what is required by regulation on how they manage their sewage sludge or biosolids for the reporting period.

The POTW will use the selections below to identify that their sewage sludge or biosolids generated or produced at the facility was sent to a municipal landfill. The POTW will choose 'Other Management Practice' from the first selector (Management Practice Type) and will then choose between 'Disposal in a Municipal Landfill (under 40 CFR 258)' or 'Use as Daily Cover for Municipal Landfill (under 40 CFR 258)' in the third selector ('Management Practice Detail').

**SSUID Section**  
Sewage Sludge Unique Identifier (SSUID): 001

Management Practice Type \*    Handler or Preparer Type \*    Management Practice Detail \*

Other Management Practice    Owner or Operator    Disposal in a Municipal Landfill (under 40 CFR 258)

Land Application includes the distribution and marketing (sale or give away) of Class A EQ.

Bulk or Bag/Container \*    Pathogen Class \*    Volume Amount (dry metric tons) \*

**SSUID Section**  
Sewage Sludge Unique Identifier (SSUID): 001

Management Practice Type \*    Handler or Preparer Type \*    Management Practice Detail \*

Other Management Practice    Owner or Operator    Use as Daily Cover for Municipal Landfill (under 40 CFR 258)

Land Application includes the distribution and marketing (sale or give away) of Class A EQ.

Bulk or Bag/Container \*    Pathogen Class \*    Volume Amount (dry metric tons) \*

## Scenario #2 – A POTW sends all its Sewage Sludge to an Off-Site Third-Party Preparer (Land Application)

In this scenario, the POTW sends all of its sewage sludge to an off-site third-party preparer who then treats the biosolids for land application.

The POTW will choose 'Land Application' from the first selector (Management Practice Type) and will then select 'Off-Site Third-Party Handler or Preparer' from the second selector (Handler or Preparer Type). The POTW can choose 'Agricultural Land Application' from the third selector ('Management Practice Detail'). The POTW will use the third selector to choose 'Agricultural Land Application.'

The screenshot shows the 'SSUID Section' form with the following fields and values:

- Sewage Sludge Unique Identifier (SSUID):** 001
- Management Practice Type \***: Land Application
- Handler or Preparer Type \***: Off-Site Third-Party Handler or Preparer
- Management Practice Detail \***: Agricultural Land Application
- Land Application includes the distribution and marketing (sale or give away) of Class A EQ.**
- Bulk or Bag/Container \***: (Empty)
- Pathogen Class \***: (Empty)
- Volume Amount (dry metric tons) \***: (Empty)
- Pollutant Concentrations:** (Section header)

If the sewage sludge is managed through land application using another method (see below), the POTW will identify the land application method using the third selector ('Management Practice Detail').

The screenshot shows the 'SSUID Section' form with the 'Management Practice Detail' dropdown menu open. A red arrow points to the 'Agricultural Land Application' option.

- Sewage Sludge Unique Identifier (SSUID):** 001
- Management Practice Type \***: Land Application
- Handler or Preparer Type \***: Off-Site Third-Party Handler or Preparer
- Management Practice Detail \***: (Dropdown menu open)
- Land Application includes the distribution and marketing (sale or give away) of Class A EQ.**
- Bulk or Bag/Container \***: Bulk
- Pathogen Class \***: Class A
- Volume Amount (dry metric tons) \***: (Empty)

The dropdown menu options are:

- Agricultural Land Application
- Reclamation Site Application
- Distribution and Marketing - Compost
- Distribution and Marketing - Other
- Heat Dried Biosolids Distribution & Marketing
- Advanced Alkaline Stabilized Biosolids Distribution & Marketing
- Other

### Scenario #3 – A POTW Treats its Sewage Sludge and Distributes and Markets its Biosolids

In this scenario, the POTW treats all of its sewage sludge and then distributes and markets its biosolids.

The POTW will choose 'Land Application' from the first selector (Management Practice Type) and will then select 'Owner or Operator' from the second selector (Handler or Preparer Type). The POTW can choose from one of the distribution and marketing options in the third selector ('Management Practice Detail').

**SSUID Section**  
Sewage Sludge Unique Identifier (SSUID): 001

Management Practice Type \*    Handler or Preparer Type \*    Management Practice Detail \*

Land Application    Owner or Operator    Distribution and Marketing - Compost

Land Application includes the distribution and marketing (sale or give away) of Class A EQ.

Bulk or Bag/Container \*    Pathogen Class \*    Volume Amount (dry metric tons) \*

Bulk    Class A EQ (sale/give away)    |

Below is a listing of the distribution and marketing options in the third selector ('Management Practice Detail').

**SSUID Section**  
Sewage Sludge Unique Identifier (SSUID): 001

Management Practice Type \*    Handler or Preparer Type \*

Land Application    Owner or Operator

Land Application includes the distribution and marketing (sale or give away) of Class A EQ.

Bulk or Bag/Container \*    Pathogen Class \*    Volume Amount (dry metric tons) \*

Bulk    Class A EQ (sale/give away)    |

- Agricultural Land Application
- Reclamation Site Application
- Distribution and Marketing - Compost**
- Distribution and Marketing - Other
- Heat Dried Biosolids Distribution & Marketing
- Advanced Alkaline Stabilized Biosolids Distribution & Marketing
- Other

## Appendix C: Guidance on How to Input Biosolids Pollutant Monitoring Data

The following is guidance on how to complete the Biosolids pollutant monitoring data in the annual report, as referenced in [Section 6.2.8](#).

### **Scenario #1 - Facilities that generate less than 290 dry metric tons per year**

These facilities are required to monitor one time per year.

Analyzes one time per year; the results are used to verify compliance with both Table 1 to 40 CFR 503.13 (maximum or ceiling pollutant concentrations) and Table 3 to 40 CFR 503.13 (monthly pollutant averages).

### **Scenario #2 - Facilities that generate more than 290 but less than 1,500 dry metric tons per year**

These facilities are required to monitor four times per year. The facility will analyze four times per year and the results are used to verify compliance with both Table 1 to 40 CFR 503.13 (maximum or ceiling pollutant concentrations) and Table 3 to 40 CFR 503.13 (monthly pollutant averages).

### **Scenario #3 - Facilities that generate more than 1,500 but less than 15,000 dry metric tons per year**

These facilities are required to monitor six times per year. The facility will analyze six times per year and the results are used to verify compliance with both Table 1 to 40 CFR 503.13 (maximum or ceiling pollutant concentrations) and Table 3 to 40 CFR 503.13 (monthly pollutant averages).

### **Scenario #4 - Facilities that generate more than 15,000 dry metric tons per year**

These facilities are required to monitor twelve times per year. The facility will analyze twelve times per year and the results are used to verify compliance with both Table 1 to 40 CFR 503.13 (maximum or ceiling pollutant concentrations) and Table 3 to 40 CFR 503.13 (monthly pollutant averages).