

RUS BROADBAND MAPPING TOOL HELP GUIDE

June 25, 2015

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I. OVERVIEW

As part of the overall application process, all entities requesting funding under the Broadband Loan and Loan Guarantee Program (Broadband Loan Program) and Community-Oriented Connectivity Broadband Grant Program (Community Connect Grant Program) must submit maps of their Service Area(s) through the Rural Utilities Service (RUS) web-based mapping tool. For Broadband Loan Program applicants, these maps must include those areas where the applicant is currently providing telecommunications services and those areas where the applicant is proposing to serve, both with RUS funding and non-RUS funding. Community Connect Grant Program applicants should only draw maps of the Service Area which they are requesting financial assistance to serve. Keep in mind that a Service Area means the geographic area within which a service provider offers telecommunications service, or is proposing to offer telecommunications service. Non-contiguous areas are considered separate Service Areas and must be treated separately for the purpose of determining Service Area eligibility. Multiple Service Areas may be included in a single Broadband Loan Program application but only one Service Area should be included in each Community Connect Grant Program application.

RUS will use Broadband Loan Program application maps to post a Public Notice Filing (PNF), which will provide a 30-day period for existing service providers to submit information to RUS regarding their existing service offerings. **Providing a response to any PNF is voluntary.** Existing service providers are not required to provide a response to any PNF, but must do so in order for their existing services to be considered when determining the eligibility of the Service Areas identified in the associated application. Any respondent wishing to submit a response to any PNF must do so through RUS' web-based mapping tool. RUS will not accept paper submissions of responses; any paper submissions will be returned.

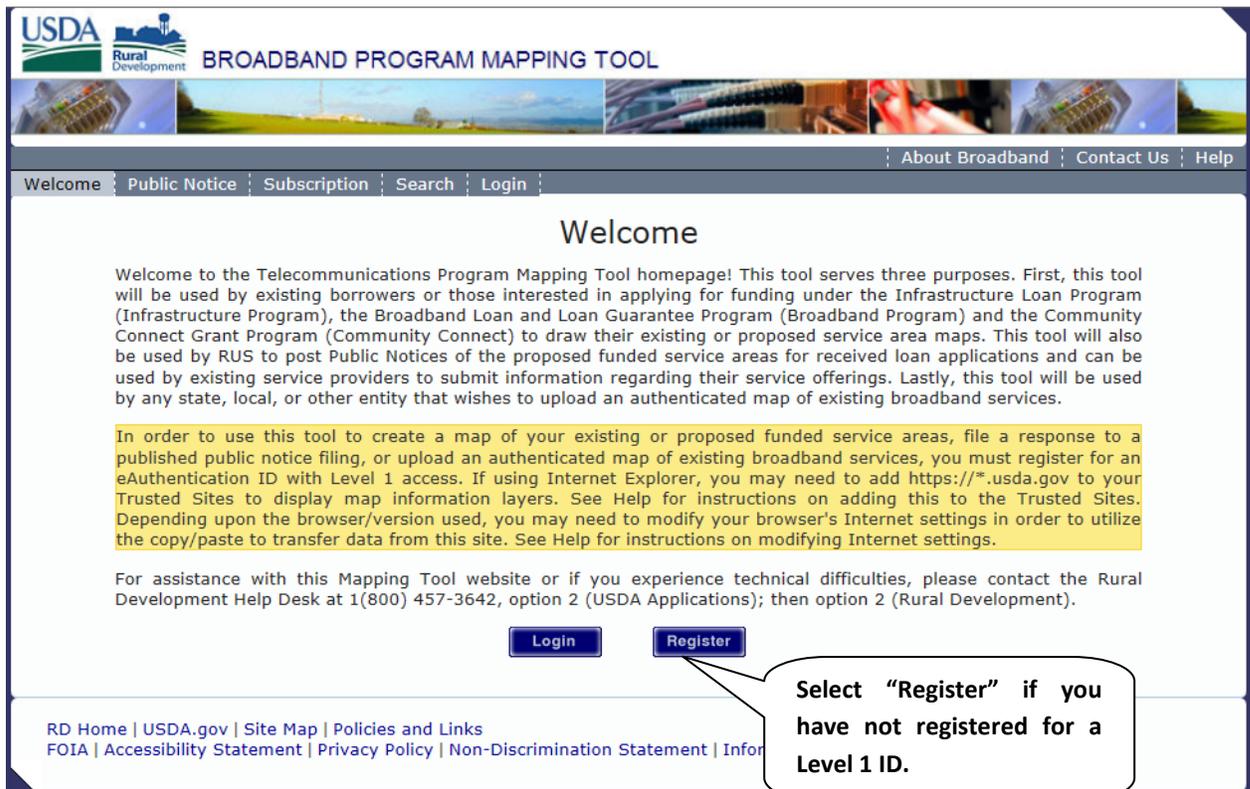
In order to use this tool to create maps of your funded and non-funded Service Area(s), or to file a response to any published PNF, you must register for an eAuthentication ID with Level 1 access.

If you need assistance using the Broadband Program mapping tool, or if you experience any technical difficulties, please contact the Rural Development Help Desk at 1 (800) 457-3642, option 2 (USDA Applications); then option 2 (Rural Development).

II. APPLICANTS

A. CREATE eAUTHENTICATION ID

- Go to: <https://broadbandsearch.sc.egov.usda.gov/>
- The Mapping Tool Home Page will be displayed.
- To create an eAuthentication account with Level 1 access, select the “Register” button.
- From the Create an Account eAuthentication page, click on the “Register for a Level 1 Account” button.
- Input the applicable information and select the “Continue” button.
- Review your information for correctness. If correct, select the “Submit” button.
- The system will send a confirmation email to the email address you entered. The email will contain a link to activate your eAuthentication ID. You must select the “Activate Account” link in the email within 7 days or your account will be terminated and you will have to start the entire process again. If you have not received a confirmation email within 24 hours, check your personal email filter settings. For further assistance, contact the Rural Development Help Desk at eAuthHelpDesk@ftc.usda.gov or 1 (800) 457-3642.



USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | Public Notice | Subscription | Search | Login | About Broadband | Contact Us | Help

Welcome

Welcome to the Telecommunications Program Mapping Tool homepage! This tool serves three purposes. First, this tool will be used by existing borrowers or those interested in applying for funding under the Infrastructure Loan Program (Infrastructure Program), the Broadband Loan and Loan Guarantee Program (Broadband Program) and the Community Connect Grant Program (Community Connect) to draw their existing or proposed service area maps. This tool will also be used by RUS to post Public Notices of the proposed funded service areas for received loan applications and can be used by existing service providers to submit information regarding their service offerings. Lastly, this tool will be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

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For assistance with this Mapping Tool website or if you experience technical difficulties, please contact the Rural Development Help Desk at 1(800) 457-3642, option 2 (USDA Applications); then option 2 (Rural Development).

[Login](#) [Register](#)

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Select “Register” if you have not registered for a Level 1 ID.



You are here: [eAuthentication Account Registration](#) > [Account Request Form](#)

- Quick Links
 - What is an account?
 - Create an account
 - Update your account
- Administrator Links
 - Local Registration
 - Authority Login

Register for Your Account - Level 1

Form Approved OMB No. 0503-0014

Step 1 of 4 - Level 1 Access Account Registration

USDA customers should complete the information below to create a USDA eAuthentication account. Please read the eAuthentication [Privacy Act Statement](#) and [Public Burden Statement](#) for more information on how your personal information will be protected.

All required fields are **red** and marked by an asterisk (i.e. *). Enter your first and last name exactly as it appears on your Government issued photo ID (e.g. state driver's license).

Note: The characters < > ^ | are not allowed on this form.

User Information ?

Required Field*

First Name*	<input type="text"/>
Middle Initial	<input type="text"/>
Last Name*	<input type="text"/>

Contact Information ?

Email*	<input type="text"/>
Confirm Email*	<input type="text"/>

Login Information ?

User ID*	<input type="text"/>
Password*	<input type="text"/>
Confirm Password*	<input type="text"/>

Security Questions ?

Please select and answer four distinct questions from the selections below. This information will be used to validate your identity if you forget your password. Each question may only be used once. For additional assistance, click the ? above.

1*

2*

3*

4*

Enter the required information then select "Continue". You will be sent an e-mail to activate your account.

B. APPLICATION LOGIN

- Go to: <https://broadbandsearch.sc.egov.usda.gov/>
- The Mapping Tool Home Page will be displayed.
- Select the “Login” button to log into the application using your Level 1 eAuthentication ID and password.

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Welcome

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In order to use this tool to create a map of your existing or proposed funded service areas, file a response to a published public notice filing, or upload an authenticated map of existing broadband services, you must register for an eAuthentication ID with Level 1 access. If using Internet Explorer, you may need to add https://*.usda.gov to your Trusted Sites to display map information layers. See Help for instructions on adding this to the Trusted Sites. Depending upon the browser/version used, you may need to modify your browser's Internet settings in order to utilize the copy/paste to transfer data from this site. See Help for instructions on modifying Internet settings.

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Select “Login” if you have registered and activated your Level 1 ID.

C. ADD ORGANIZATION TO YOUR PROFILE

Before you can begin creating application maps, you will need to assign an organization to your profile on the My Profile page. Navigate to the My Profile page by clicking on “My Profile” from the navigation menu.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

My Profile | About Broadband | Contact Us | Help

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

My Profile

Please add the organizations you want to be associated with. Once you are associated with an organization, you can create applications for that organization.

Click on “My Profile” to get to this page.

General Info	Organization Associations						
User: Ruralb Testemp	<table border="1"> <thead> <tr> <th>Project Designation</th> <th>Name</th> <th>Action</th> </tr> </thead> <tbody> <tr> <td>MT0513</td> <td>3 Rivers Telephone Cooperative, Inc.</td> <td>Remove</td> </tr> </tbody> </table>	Project Designation	Name	Action	MT0513	3 Rivers Telephone Cooperative, Inc.	Remove
Project Designation	Name	Action					
MT0513	3 Rivers Telephone Cooperative, Inc.	Remove					

Click on “Add Organization”.

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Click on the “Add Organization” button to search for an existing organization or create a new organization to associate. The Organizations search box will be displayed.

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My Profile | About Broadband | Contact Us | Help

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

My Profile

Please add the organizations you want to be associated with. Once you are associated with an organization, you can create applications for that organization.

3 Rivers

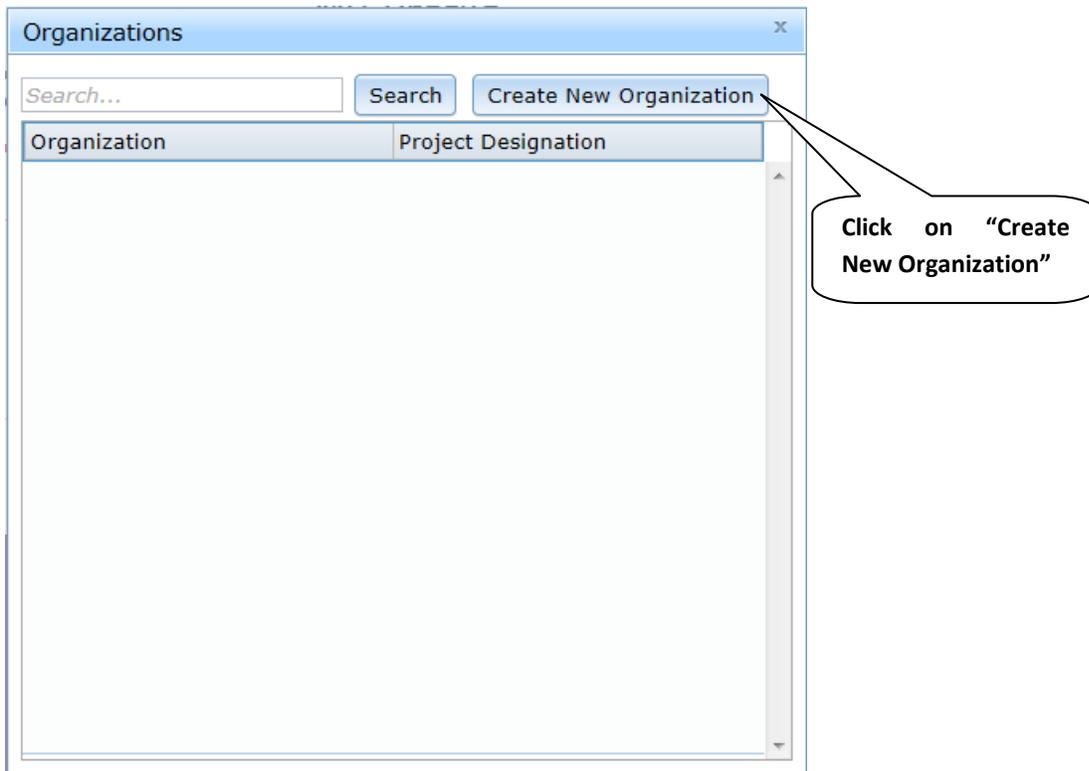
Organization	Project Designation
3 Rivers Telephone Cooperative, Inc.	MT0513
3 Rivers Telephone Cooperative, Inc.	MT6001
3 RIVERS TELEPHONE COOPERATIVE, INC.	MT5004

Click on “Add Organization”.

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To search for an existing organization, type in the organization name in the search field, then click on the “Search” button. Organizations that match will be displayed along with the Project Designation. If you are going to be creating maps for areas which you have already received RUS funding (these are created on the My Existing Areas page), you will need to select the correct Organization and Project Designation. There may be more than one Project Designation for your Organization. You can associate more than one organization to your profile. Click on the Organization that you would like to associate and it will be displayed in your Organization Associations list.

To create a new organization, click on the “Create New Organization” button.



Within the Create Organization window, enter the required fields including name, address, city, state, and zip code and optional fields including phone number and e-mail for your organization and click on the “Create” button. The organization will be added to your Organization Associations list on the My Profile page.

D. CREATE A NEW APPLICATION

After successfully logging into the Mapping Tool, the Mapping Tool Home Page will be displayed. Select the “My Applications” menu option.

Select the “My Applications” menu item.

Welcome to the Tool. This tool serves three purposes. First, this tool will be used by existing broadband service providers for funding under the Infrastructure Loan Program Guarantee Program (Broadband Program) and the Community Connect Grant Program. This tool will also be used by RUS to post Public Notices of the proposed funded service areas for received loan applications and can be used by existing service providers to submit information regarding their service offerings. Lastly, this tool will be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

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Before you can create any applications you must first associate yourself to an organization on the [My Profile](#) page.

For assistance with this Mapping Tool website or if you experience technical difficulties, please contact the Policy and Outreach Division at 202-690-4673.

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To create a new application, select the “Create New Application” button.

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Welcome | **My Applications** | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff | My Profile | About Broadband | Contact Us | Help

My Applications

Before creating an application make sure you have associated yourself with an organization on the [My Profile](#) page.

This page can be used to create a [new application](#) or to view any existing applications you have already started or submitted. Please note that no matter how many funded and non-funded Service Area(s) are within a single application, you should draw each map under the same application. Each application should have only one associated reference number.

To view or edit an existing application that isn't in your list of applications, please enter a valid access key.

Create New Application | Enter Access Key | Filter:

Created Date	Created By	Submitted Date	Access Key	Reference Number
--------------	------------	----------------	------------	------------------

Select “Create New Application” to create an application.

The Edit Service Area screen will be displayed and will allow you to create the first Service Area for your application you are working on.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff | My Profile | About Broadband | Contact Us | Help

[My Applications](#) : New Service Area

Application Service Area

In order to complete this form, you must first have associated yourself with an organization from the [My Profile](#) page. To begin, fill in the information below and select a state and county where you want to draw a service area map. Click "Save and Continue" to draw a map of your service area. Required fields are marked with a *.

See the [User Guide](#) for detailed instructions

* Area Name:

* Organization:

* Program Type:

The Service Area is Funded.
 At least 15% of households in the PFSA are unserved households.

Check all services to be provided within the service area:

Voice
 Video
 Data

* State:

* County:

Services to be provided within the Service Area:

After information is entered, click "Save and Draw Service Area" to draw service area map.

- Enter the name that you want to give the Service Area in the "Area Name" text box.
- Select a program from the "Program Type" drop down list.
- If applicable, select the check box for "The Service Area is Funded."
- If applicable, select the check box for "At least 15% of the households in the PFSA are unserved households."
- Check all services which will be provided within the Service Area: Voice, Video and/or Data
- Select the "State" and "County" associated with the Service Area,

- Provide a description in the “Services to be provided within the Service Area” text box.
- Select the organization for the service area from the “Organization” drop down list.
- Select the Contact Person’s name from the “Contact Person” drop down list. This will populate the additional contact info fields. Or, if entering a new contact, the Contact Person’s Name, Title, Phone, and E-mail address will also need to be entered.
- Click on the “Save and Draw Service Area” button. The system will display the map and zoom in on the selected state and county.

Your application may include one or more Service Areas. *Note: A Service Area is a contiguous geographic area.* Applicants should create a Service Area map and provide Service Area details for each contiguous geographic area which your application proposes to serve. There is one exception under the Broadband Loan Program to the rule that a contiguous geographic area should be treated as one Service Area. Under the Broadband Loan Program, applicants who submit applications to upgrade existing broadband facilities in existing Service Areas and expand into new Service Areas at the broadband lending speed, the upgrade area and expansion area must be proposed as two separate Service Areas, even if the upgraded and expanded areas are contiguous.

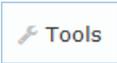
All applications must include at least one eligible Service Area which is being proposed to be funded with RUS funding. Applicants should also provide maps of the other areas where they provide broadband service and/or where they propose to serve with non-RUS funding. Community Connect Grant Program applicants should only draw one Service Area for each application and should not provide maps of the other areas where they currently provide broadband service.

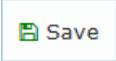
Once applicants have completed entering all of their Service Areas and submit their application through RUS' web-based mapping tool, the system will generate a reference number. This reference number must be noted in your application to RUS.

E. DRAW SERVICE AREA MAPS

Once you have saved your Service Area information you will be directed to draw your Service Area. Please read this guidance. The map drawing instructions can be accessed from the “Map Guide” link just above the Close and Save buttons. **The Service Area must be drawn first.** Only **one contiguous Service Area polygon** can be drawn per map. You can draw multiple unserved areas within your Service Area polygon. If your **unserved** area has the same boundaries as the main **Service Area**, just draw the polygon boundaries of those outside of the service area and the tool will automatically crop the unserved areas to the service area boundaries. Under the Broadband Loan Program, **the Service Area is required for each Funded Service Area map.**

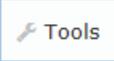
Please follow these steps carefully to draw a service area map.

1. Adjust the map to the best position to enable you to draw your areas. You can reposition by selecting the left mouse button, holding it, and dragging the map to another position. You may zoom in and out by selecting the + and - buttons from the navigation panwheel on the left. Selecting  will prompt you to save changes and then exit the map.
2. To see a legend of the various layers on the map, click  at the top of the map. The Layers tab will show the layers available to view. You may select or deselect the layers you would like to see. The Legend tab shows the colors of the various maps along with a description.
3. To begin drawing a new area, click on  at the top of the map. The Tools drawing options will be displayed.
4. Select “Service Area” from the Service Area Type drop down list. The main service area must be drawn first.
5. Click on one of the drawing tool buttons from the “Draw” section:
 - a. The polygon button  allows the map to be drawn point by point by clicking at each angle. To begin drawing, position your cursor over your first anchor point, click and release the left mouse button, position the cursor over the next anchor point, click and release the left mouse button, continue this until your polygon shape is finished, then double click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

- b. The freehand polygon button  allows the map to be drawn as the mouse is moved without having to click on each point. To begin drawing, click and hold the mouse button down and draw the polygon then release the click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

6. If applicable, select the Service Type of “Unserviced” to draw the Unserviced areas. Next, select a drawing tool button from the “Draw” menu as described in step 5 above to draw this area just as you did the main service area. The Unserviced service area is optional.

7. To save changes, click on .

8. If you want to edit a Service Area you have drawn, you can use the “Edit” drawing tools within the  menu.

- a. Select the area you would like to edit:

- o First make sure there are no other areas selected by clicking on the Deselect

button  from the Edit section to clear other selections. If the Deselect button is not available, then there are no areas currently selected and the

Select button  will be displayed instead of the Deselect button.

- o To select the area you would like to edit, first select the map’s Service Area Type from the drop down, then click on the area. *Note: The service type selected in the drop down must match the service type of the area to be selected.* The area selected will be highlighted with a bold red dashed border and the Edit drawing tools will be active for use.

- b. To cut a section out of an area, verify the polygon to be cut is selected (highlighted with a bold red dash border - see selection instructions in step a. above). Use the

Cut button  from the Edit drawing tools to cut an area out of an existing area. After selecting the Cut button, draw the area you would like to remove, just as you did to create an area point by point by clicking at each angle. Make sure the last point of the drawing overlaps the first to close the area to be cut. Once the area is complete, double click and the area will be removed.

- c. To reshape, verify the polygon to reshape is selected (highlighted with a bold red dash border - see selection instructions in step a. above). To change the shape of



the polygon, select the Reshape button from the Edit drawing tools. After selecting the Reshape button, click, hold and drag the anchor point you want to move to the new position. Double click to finish reshaping and apply the changes.

- d. To delete, verify the polygon to be deleted is selected (highlighted with a bold red dash border - see selection instructions in step a. above). Select the Delete button



from the Edit drawing tools. The polygon will be removed from the map.

Note: The Unserviced areas (if they exist) must be deleted first before the main service area can be deleted.

- e. To save changes, click on  Save.

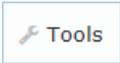
F. UPLOAD SERVICE AREA MAP SHAPE FILE

In lieu of drawing the service area, you can upload a shape file. One service area map can be uploaded at a time.

The shape file must meet the following criteria:

1. All map areas must be closed, non-overlapping polygons with a single, unique identifier.
2. The shape file must have an assigned projection with an accompanying .prj file.
3. The shape file must use unprojected (geographic) WGS84 geographic coordinate system.
4. The shape file must be submitted as a .zip file and must not exceed 2GB in size. This can be done with a program like WinZip or in Windows by selecting the files associated with a shape file, right-click the files, then click "Send to" then "Compressed (zipped) folder". Be sure that the .zip file contains one and only one shape file.

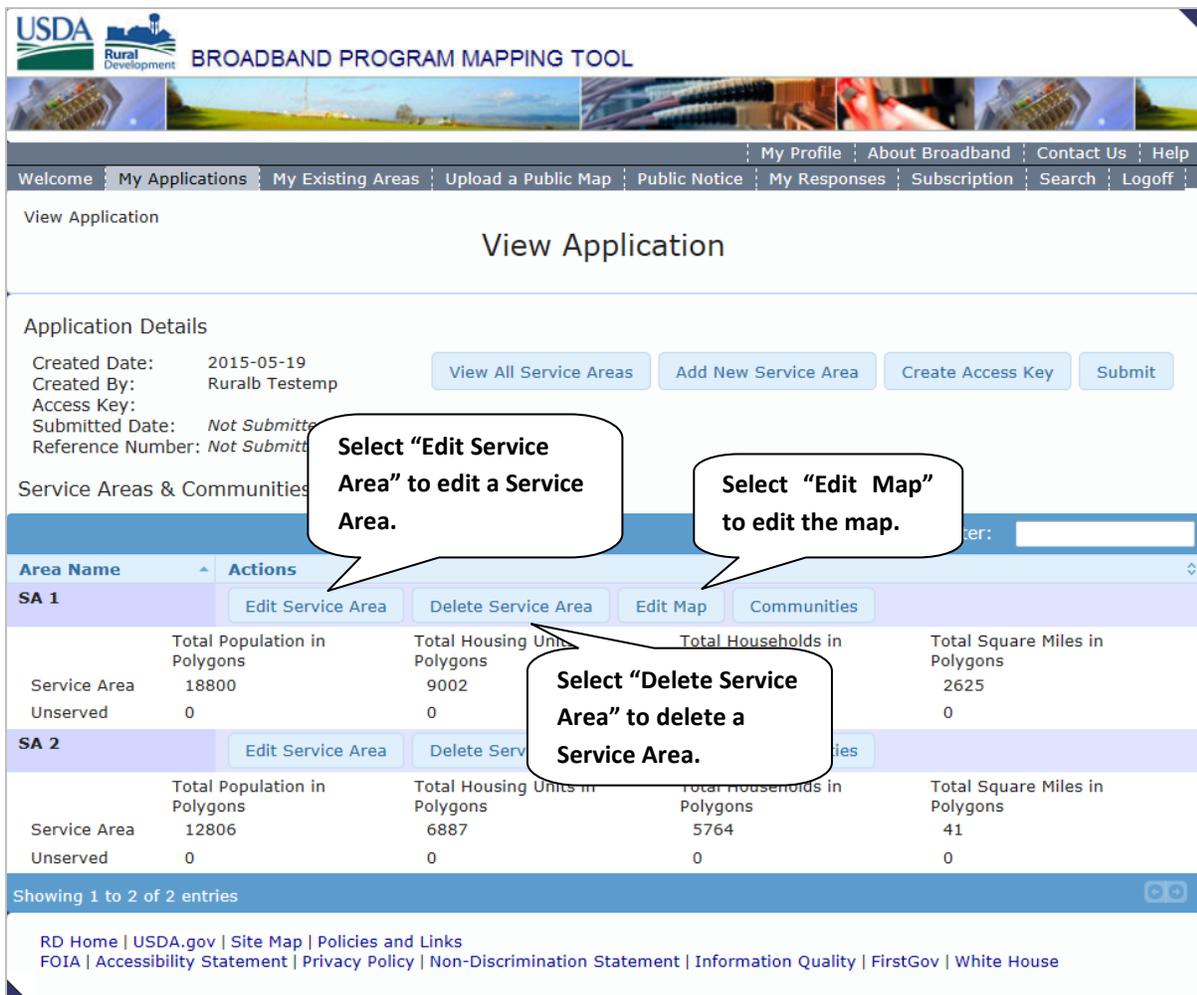
Please follow these steps to upload a service area map.

1. Click on  Tools at the top of the map. The Tools drawing options will be displayed.
2. Select "Service Area" from the Service Area Type drop down list.
3. Click on "Browse..." from the Shapefile section.

4. Choose a shape file to upload and click on the “Open” button.
5. The service area map will be displayed.
6. To save changes, click on  Save.

G. EDIT SERVICE AREAS

Service area details and maps can only be deleted prior to submitting the application. To edit the Service Area details, select the “Edit Service Area” button in the row of the Service Area you want to edit. The Service Area detail page will be displayed where you can make updates. Select the “Save and Draw Service Area” button which will save the changes and take you to the map to make edits. Click on “Save” to save changes to the map then click “Close” to return to the application. You may also delete Service Areas by clicking on the “Delete Service Area” button, or edit the map by clicking on the “Edit Map” button.



USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

View Application

View Application

Application Details

Created Date: 2015-05-19
 Created By: Ruralb Testemp
 Access Key:
 Submitted Date: Not Submitted
 Reference Number: Not Submitted

View All Service Areas | Add New Service Area | Create Access Key | Submit

Service Areas & Communities

Area Name	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
SA 1	18800	9002	2625	0
Service Area	18800	9002	2625	0
Unserviced	0	0	0	0
SA 2	12806	6887	5764	41
Service Area	12806	6887	5764	41
Unserviced	0	0	0	0

Showing 1 to 2 of 2 entries

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In order to add more Service Areas to your application, select the “Add New Service Area” button. Add any additional areas and maps using the same steps you used to create your first Service Area and map.

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View Application

View Application

Application Details

Created Date: 2015-05-19
 Created By: Ruralb Testemp
 Access Key:
 Submitted Date: *Not Submitted*
 Reference Number: *Not Submitted*

Service Areas & Communities (info)

View All Service Areas | Add New Service Area | Create Access Key | Submit

Filter:

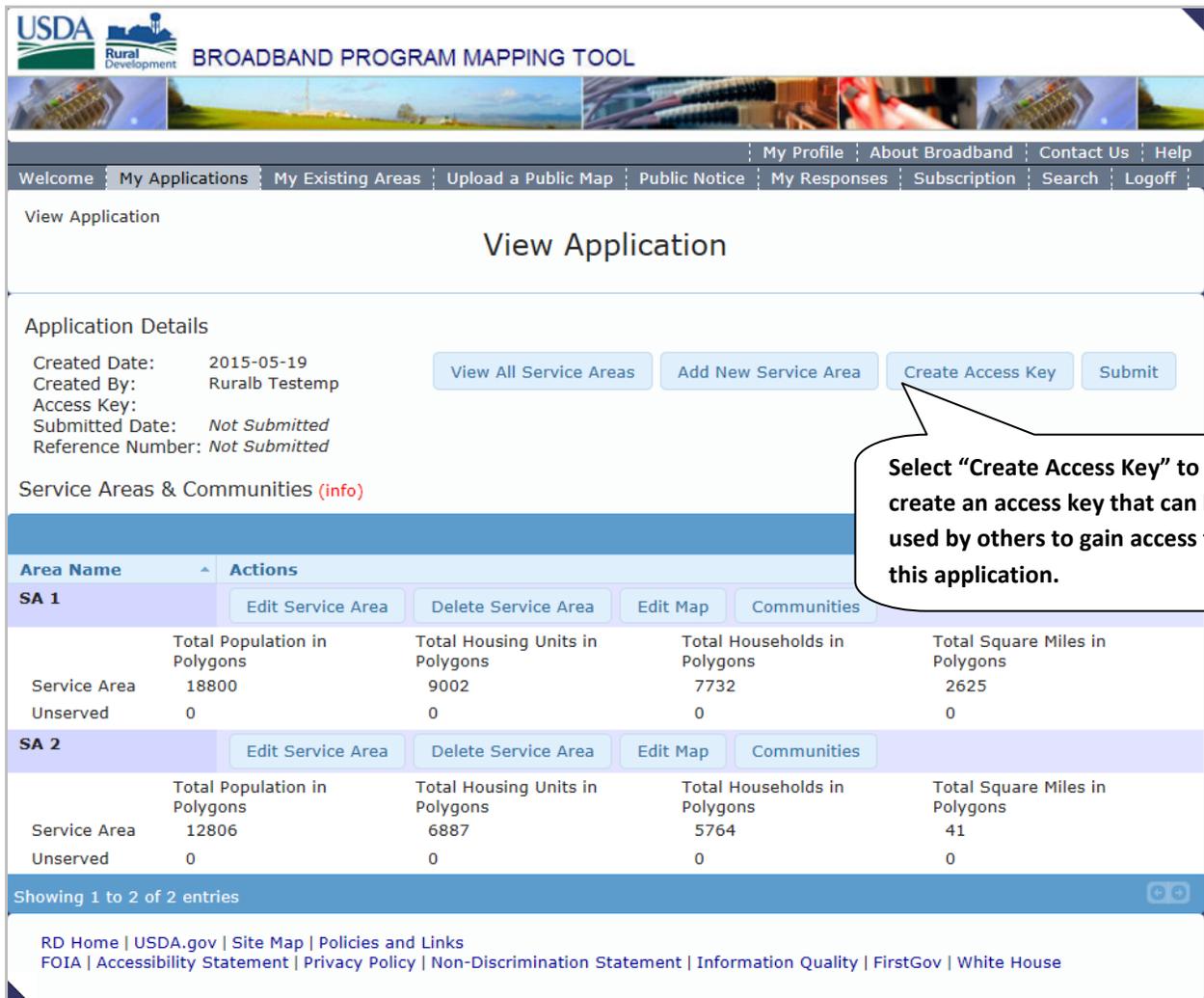
Area Name	Actions			
SA 1	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	18800	9002	7732	2625
Unserviced	0	0	0	0
SA 2	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	12806	6887	5764	41
Unserviced	0	0	0	0

Showing 1 to 2 of 2 entries

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H. APPLICATION ACCESS KEY

To allow multiple users to work on the same application, the system provides the capability to share the applications. An applicant can generate an access key for applications they create. To generate the access key, the applicant will select the “Create Access Key” button when they are on the “View Application” page. The system will generate and display an “Access Key” that when given to another user can be used to gain access to this application. The application creator must select the “Delete Access Key” button on the View Application page and then generate a new access key.



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View Application

Application Details

Created Date: 2015-05-19
 Created By: Ruralb Testemp
 Access Key:
 Submitted Date: *Not Submitted*
 Reference Number: *Not Submitted*

View All Service Areas | Add New Service Area | **Create Access Key** | Submit

Service Areas & Communities (Info)

Area Name	Actions			
SA 1	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	18800	9002	7732	2625
Unserviced	0	0	0	0
SA 2	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	12806	6887	5764	41
Unserviced	0	0	0	0

Showing 1 to 2 of 2 entries

RD Home | USDA.gov | Site Map | Policies and Links
 FOIA | Accessibility Statement | Privacy Policy | Non-Discrimination Statement | Information Quality | FirstGov | White House

The creator of the application may share this access key with other users that may need to work on this application.

The non-creator of the application first needs to make sure they are associated to the Company that the application was created under. This can be done on the My Profile page. See ‘Add Organization to Your Profile’ section page 9 for details. Then they can access the application by clicking on the “Enter Access Key” button.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

My Profile | About Broadband | Contact Us | Help

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

My Applications

Before creating an application make sure you have associated yourself with an organization on the [My Profile](#) page.

This page can be used to [create a new application](#) or to view any existing applications you have already started or submitted. Please note that funded and non-funded Service Area(s) are within a single application. Each application should have only one associated reference number.

To view or edit an existing application, please enter a valid access key.

Click on “Enter Access Key”

	Created Date	Created By	Company	Service Area Names	Submitted Date	Access Key	Reference Number
View... Copy to New...	2015-05-19	Ruralb	ABC Telecommunications	SA 1			

At the Access Key prompt, enter the access key into the text box and click on the “Validate Access” button.

My Applications

Before creating an application make sure you have associated yourself with an organization on the [My Profile](#) page.

This page can be used to create a [new application](#) or to view any existing applications you have already started or submitted. Please note that no matter how many funded and non-funded Service Area(s) are within a single application, you should draw each map under the same application. Each application should have only one associated reference number.

To view or edit an existing application that isn't in your list of applications, please enter a valid access key.

The screenshot shows a web interface with a table of applications. An 'Access Key' dialog box is open, allowing a user to enter an access key and click 'Validate Access'. The table has columns for 'Created Date', 'Created By', 'Access Key', and 'Reference Number'. A 'Filter:' input field is visible at the top right of the table area.

Created Date	Created By	Access Key	Reference Number
2015-05-19	Ruralb	X0ICKHOK	

The application will be displayed and can be edited, but cannot be submitted. Only the user who originated the application can submit.



[My Applications](#) : View Application

View Application

Access granted for your current session.

Application Details

Created Date: 2015-05-19
Created By: Ruralb Testemp
Submitted Date: *Not Submitted*
Reference Number: *Not Submitted*

[View All Service Areas](#) [Add New Service Area](#)

Service Areas & Communities [\(info\)](#)

Filter:

Area Name	Actions			
SA 1	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	18800	9002	7732	2625
Unserviced	0	0	0	0
SA 2	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	12806	6887	5764	41
Unserviced	0	0	0	0

Showing 1 to 2 of 2 entries ⏪ ⏩

As an alternative, the non-creator of the application can enter the access key on the Search page which can be accessed by clicking on “Search” from top navigation menu. Once on the Search page, paste or type the access key into the “Access Key” text box. The access key will be retrieved by the system and displayed. Click on “View” to open the application.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

Broadband Search Tool [\(info\)](#)

Search Criteria

State: County: Community: Company:

Reference Number: Access Key:

✓ Select | Service Area Details | Help | Layers/Legend | Basic

1:31,303,777 or 1" | 1.7" N, 104° 11' 51.48" W | 0 300 600mi

	Created	Creator	Submitted
View...	2015-05-14	Testemp,Ruralb	2015-05-14

All users who enter a valid access key will retain access to that application unless the application creator deletes the access key.

While a user is editing a service area or map, the system will lock that service area and map so multiple users cannot edit the same service area and map at the same time. An error message will be displayed if a user attempts to access a service area and map locked by another user. To avoid service areas and maps from being locked out, the lock will expire after approximately one hour of inactivity.

I. REVIEW AND SUBMIT APPLICATION

Once you have created all applicable Service Area(s) for your application and the View Application page is displayed, the census data for the service area will be shown. Depending on the size of the proposed area, the calculations may take a while to display as they are based on the census blocks within the area and may take a while for large Service Areas.

A community list for the area drawn can be found by clicking on the Communities button. The community list will be opened in a new window.

Before submitting your application, review all information for accuracy and then select the "Submit" button. Only the user who initially created the application may submit the application.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff | My Profile | About Broadband | Contact Us | Help

[My Applications](#) : View Application

View Application

Application Details

Created Date: 2015-05-19
 Created By: Ruralb Testemp
 Access Key: KRC0AUOB
 Submitted Date: *Not Submitted*
 Reference Number: *Not Submitted*

[View All Service Areas](#) | [Add New Service Area](#) | [Delete Access Key](#) | [Submit](#)

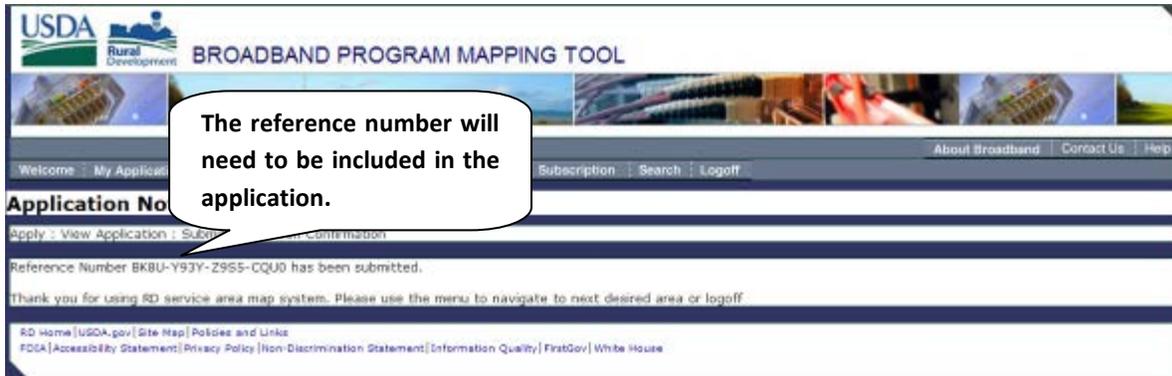
Service Areas & Communities ([info](#))

Area Name	Actions			
SA 1	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	18800	9002	7732	2625
Unserviced	0	0	0	
SA 2	Edit Service Area	Delete Service Area	Edit Map	Communities
	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	12806	6887	5764	41
Unserviced	0	0	0	0

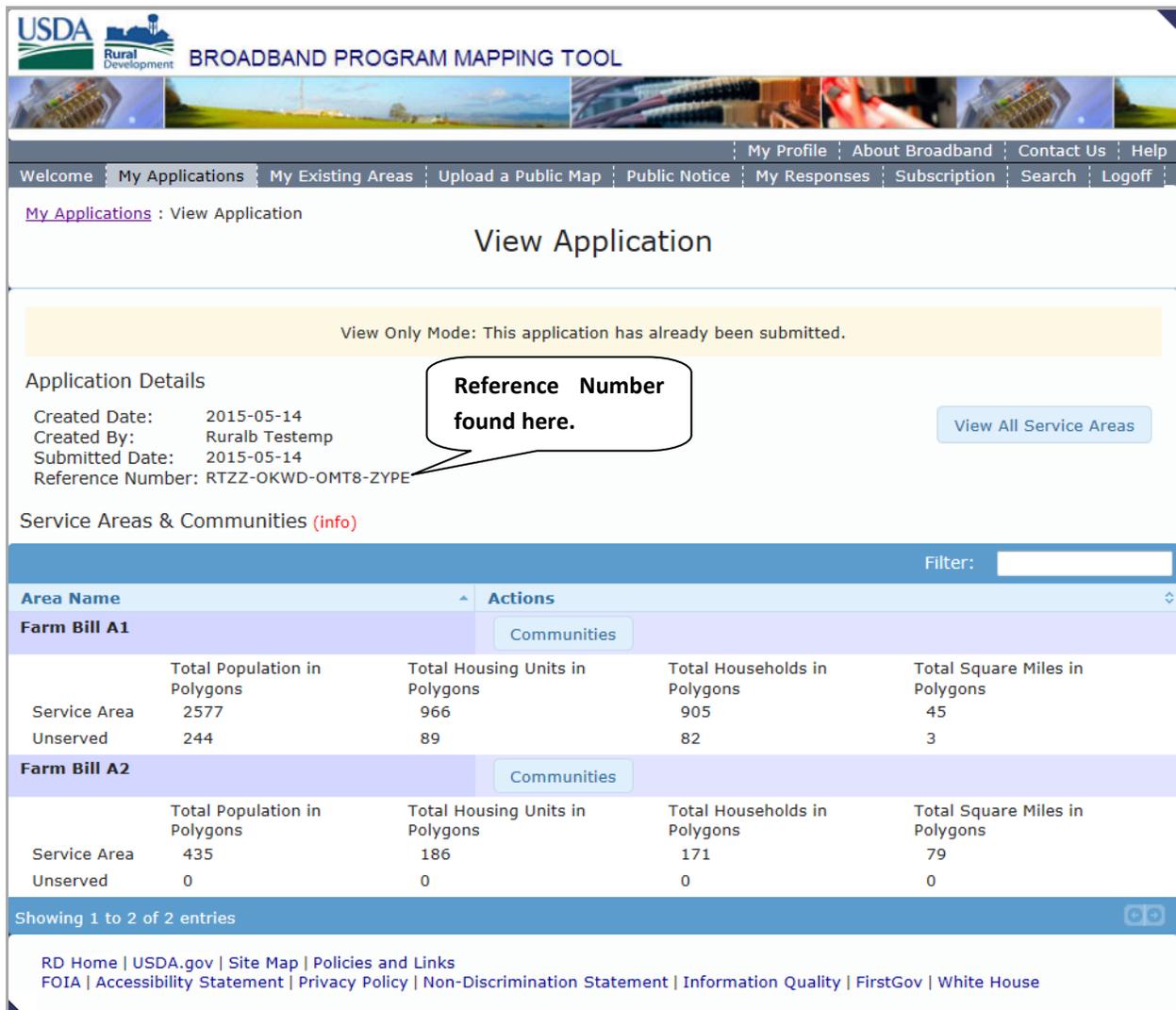
Showing 1 to 2 of 2 entries

RD Home | USDA.gov | Site Map | Policies and Links
 FOIA | Accessibility Statement | Privacy Policy | Non-Discrimination Statement | Information Quality | FirstGov | White House

After you have submitted the application, a Reference Number associated with your submission will be displayed. This reference number may be copied to the clipboard and pasted into your application. This reference number must be noted in your application to RUS.



The reference number can be accessed at a later date by viewing the application.



J. COPY TO NEW FEATURE

After an application has been created, the “Copy to New...” link is available. When clicked, this link creates a copy of the application, including service area details and maps, to a new application. This new copy of the application can then be edited including updating the maps or creating new service area maps. The “Copy to New...” feature can be used for both submitted and unsubmitted applications.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

My Profile | About Broadband | Contact Us | Help

My Applications

Before creating an application make sure you have associated yourself with an organization on the [My Profile](#) page.

This page can be used to create a [new application](#) or to view any existing applications you have already started or submitted. Please note that no matter how many funded and non-funded Service Area(s) are within a single application, you should draw each map under the same application. Each application should have only one associated reference number.

To view or edit an existing application that isn't in your list of applications, please enter a valid access key.

Create New Application | Enter Access Key | Filter:

	Created Date	Created By	Company	Service Area Names	Submitted Date	Access Key	Reference Number
View... Copy to New...	2015-05-19	Ruralb	ABC Telecommunications	SA 1			

Click the Copy to New... link.

K. BROADBAND SEARCH TOOL

The user can search for communities approved for funding under the Traditional Telecomm Program, Broadband Loan Program, Community Connect Grant Program and Broadband Initiatives Program (BIP). Search results only include communities where Broadband deployment is funded or may be funded, not necessarily where broadband service currently exists. To access the search tool, select the “Search” menu option in the top navigation bar.

The screenshot shows the homepage of the USDA Rural Development Broadband Program Mapping Tool. At the top left is the USDA Rural Development logo. The main header reads "BROADBAND PROGRAM MAPPING TOOL". Below this is a navigation bar with the following items: Welcome, My Applications, My Existing Areas, Upload a Public Map, Public Notice, My Responses, Subscription, Search, and Logoff. The "Search" item is highlighted. Below the navigation bar is a "Welcome" section with the following text:

Welcome to the Telecommunication Mapping Tool homepage! This tool will be used by existing borrowers or those interested in applying for funding under the Broadband Infrastructure Program (Infrastructure Program), the Broadband Loan and Loan Guarantee Program (Broadband Loan Program), the Community Connect Grant Program (Community Connect) to draw their existing or proposed funded service areas. The tool can also be used by existing service providers to submit information regarding their service areas. The tool can be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

In order to use this tool to create a map of your existing or proposed funded service areas, file a response to a published public notice filing, or upload an authenticated map of existing broadband services, you must register for an eAuthentication ID with Level 1 access. If using Internet Explorer, you may need to add https://*.usda.gov to your Trusted Sites to display map information layers. See Help for instructions on adding this to the Trusted Sites. Depending upon the browser/version used, you may need to modify your browser's Internet settings in order to utilize the copy/paste to transfer data from this site. See Help for instructions on modifying Internet settings.

Before you can create any applications you must first associate yourself to an organization on the [My Profile](#) page.

For assistance with this Mapping Tool website or if you experience technical difficulties, please contact the Policy and Outreach Division at 202-690-4673.

At the bottom of the page, there is a footer with the following links: [RD Home](#) | [USDA.gov](#) | [Site Map](#) | [Policies and Links](#) | [FOIA](#) | [Accessibility Statement](#) | [Privacy Policy](#) | [Non-Discrimination Statement](#) | [Information Quality](#) | [FirstGov](#) | [White House](#)

A callout box with a speech bubble points to the "Search" menu item in the navigation bar. The text inside the callout box reads: "Select the Search menu to access the Broadband Search Tool."

The search tool utilizes various search options. The user can search by company, state, county, or community. Type the desired search criteria in the fields. After the search criteria is typed, a dynamic list is displayed that meet the search criteria. Once the search criteria is populated, click on the “Search” button.

To clear the search criteria, click on the “Clear Fields” option.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome Public Notice Subscription Search Login About Broadband Contact Us Help

Broadband Search Tool (info)

Search Criteria

State County Community Company
Type to find communities Type to find companies

Reference Number Access Key Search Clear Fields

✓ Select Service Area Details Help Layers/Legend Basic

Now viewing map USDA RDx Broadband Search Map

A list of items will be displayed below the map. Click on the “Details...” link to see additional details for the selection. The map will also zoom in to the service areas for that selection.

To further refine the results, you may use the “Filter” field on the right hand side just above the list. Type in data to filter the list by and the list will dynamically be filtered.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | Public Notice | Subscription | Search | Login | About Broadband | Contact Us | Help

Broadband Search Tool [\(info\)](#)

Search Criteria

State: County: Community: Company:

Reference Number: Access Key:

Found 16 applications

Select Service Area Details Help Layers/Legend Basic

Map showing United States with application markers. Coordinates: 14° 22' 55.64" N, 77° 12' 54.76" W. Scale: 0 300 600mi.

Filter:

	Company	Status
Details...	CYRSTAL BROADBAND NETWORKS	Approved
Details...	NEXUS SYSTEMS, INC.	Approved
Details...	NEXUS SYSTEMS, INC.	Approved
Details...	Northeast Louisiana Telephone Company, Inc.	Approved
Details...	NORTHERN ARKANSAS TELEPHONE COMPANY	Approved
Details...	Northern Arkansas Telephone Company	Approved
Details...	Open Range Communications Inc.	Approved
Details...	Poplar PCS, LLC	Approved
Details...	The Pine Telephone Company	Approved
Details...	The Pine Telephone Company	Approved

Showing 1 to 10 of 16 entries

Click “Details...” to see more info about the maps.

Enter filter criteria here to further refine the results list.

Additional data may be continued on the next page. Click on “Next” to see additional data.

To view the details (including program information) of a service area map, the service area will need to be selected. Selection is indicated by a bold red dash border around the service area map. If a different area is already selected, you will first need to click on the Deselect button



to deselect the area. Select the service area map desired by first clicking on the



Select button, then click anywhere inside the area to be selected. The area selected will be indicated by a bold red dash border. Click on the Service Area Details button



and the Broadband Service Area Description window will pop up. To close the pop up window, click on the Close button at the bottom of the box.



The screenshot shows a window titled "Broadband Service Area Description" with a close button in the top right corner. Below the title bar, it displays "Record 1 of 2". A table of details follows:

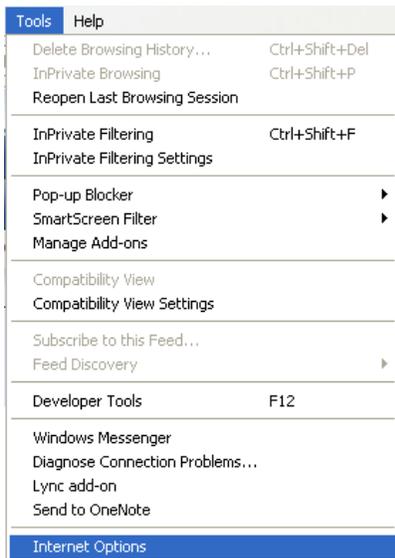
Published Date:	04/22/2010
Status:	Approved
Program Type:	BIP
Company:	GRAND RIVER MUTUAL TELEPHONE CORPORATION
Program Service:	BIP - Last Mile
Service Area Type:	Regular
Application Status:	Approved
Total Population:	1,583
Households:	792
Housing Units:	641
Square Miles:	246
Reference Number:	6DRX-PT47-8JEE-QKSZ

At the bottom of the window, there are four navigation buttons: a first button, a second button with a dashed border, a third button, and a fourth button. Below these is a "Close" button.

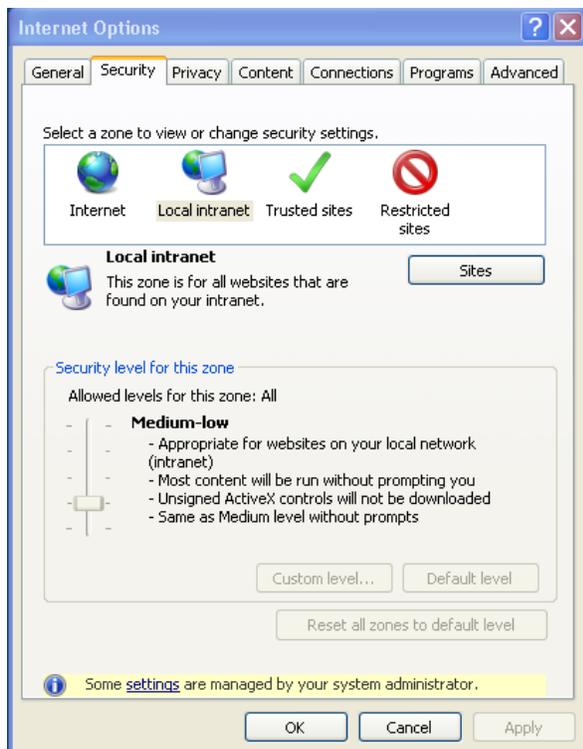
L. ISSUES WITH DISPLAYING MAP LAYERS

If you are having issues displaying map layers, please add this site to your Trusted Sites. Follow these instructions.

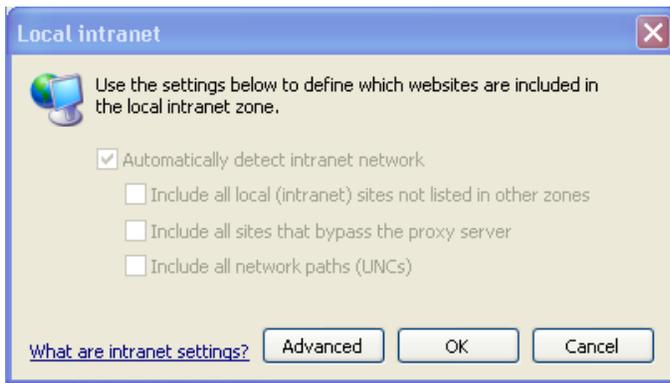
Select the Tools menu, then select Internet Options.



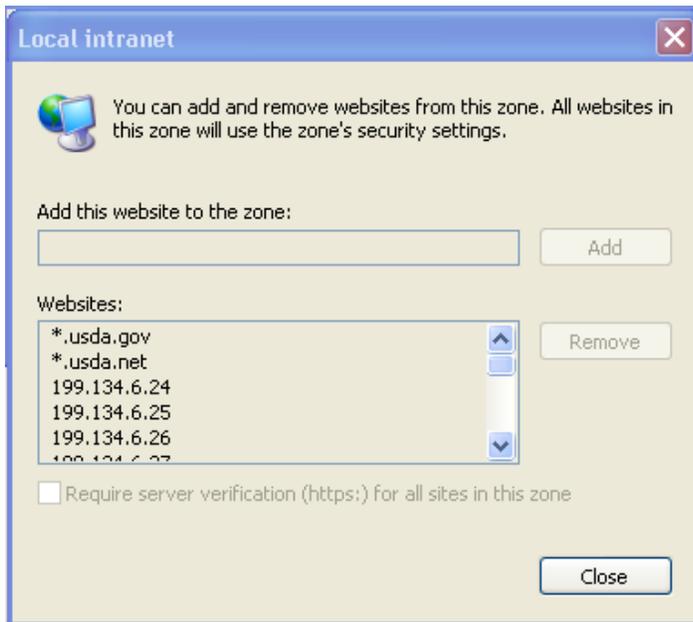
Select Security tab and select Sites button.



Select the Advanced button.



Type <https://broadbandsearch.sc.egov.usda.gov> then select the Add button, then select the Close button.

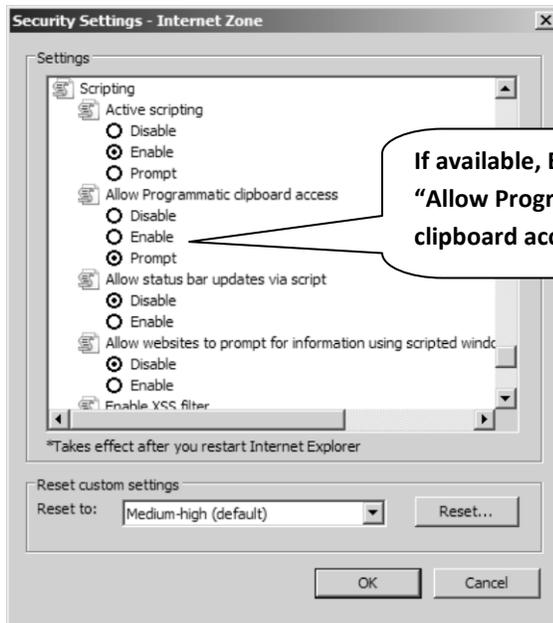
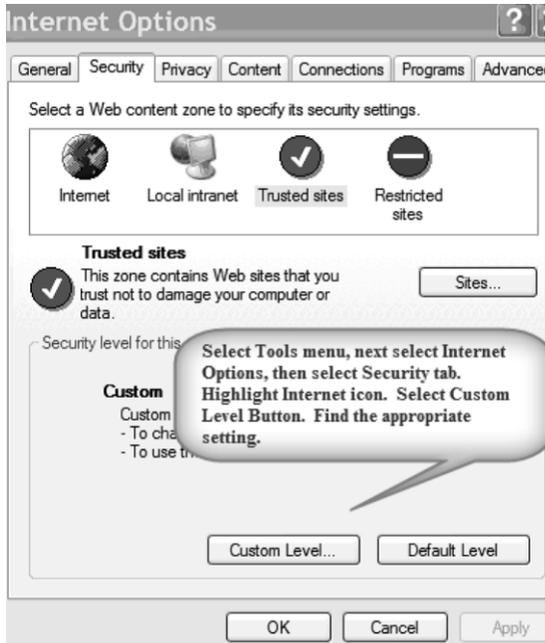


Then click on the OK button on the previous two windows – Local Internet and Internet Options.

M. ISSUES WITH COPY TO CLIPBOARD

If you are having issues with the Copy to Clipboard Functionality please follow these instructions:

Internet Explorer may be required, as some browsers do not allow this functionality. Settings to be modified may be slightly different between different browser versions. Enable the option that allows programmatic access to clipboard or paste operations via scripts. Examples of a few are shown:



III. PUBLIC NOTICE RESPONDENTS

A. CREATE eAUTHENTICATION ID

- Go to: <https://broadbandsearch.sc.egov.usda.gov/>
- The Mapping Tool Home Page will be displayed.
- To create an eAuthentication account with Level 1 access, select the “Register” button.
- From the Create an Account eAuthentication page, click on the “Register for a Level 1 Account” button.
- Input the applicable information and select the “Continue” button.
- Review your information for correctness. If correct, select the “Submit” button.
- The system will send a confirmation email to the email address you entered. The email will contain a link to activate your eAuthentication ID. You must select the “Activate Account” link in the email within 7 days or your account will be terminated and you will have to start the entire process again. If you have not received a confirmation email within 24 hours, check your personal email filter settings. For further assistance, contact the ITS Service Desk at eAuthHelpDesk@ftc.usda.gov or 800-457-3642.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | Public Notice | Subscription | Search | Login | About Broadband | Contact Us | Help

Welcome

Welcome to the Telecommunication Mapping Tool homepage! This tool serves three purposes. First, this tool will be used by existing borrowers or those interested in applying for funding under the Infrastructure Loan Program (Infrastructure Program), the Broadband Loan and Loan Guarantee Program (Broadband Program) and the Community Connect Grant Program (Community Connect) to draw their existing or proposed service area maps. This tool will also be used by RUS to post Public Notices of the proposed funded service areas for received loan applications and can be used by existing service providers to submit information regarding their service offerings. Lastly, this tool will be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

In order to use this tool to create a map of your existing or proposed funded service areas, file a response to a published public notice filing, or upload an authenticated map of existing broadband services, you must register for an eAuthentication ID with Level 1 access. If using Internet Explorer, you may need to add https://*.usda.gov to your Trusted Sites to display map information layers. See Help for instructions on Trusted Sites. Depending upon the browser/version used, you may need to modify your browser settings to utilize the copy/paste to transfer data from this site. See Help for instructions on browser settings.

For assistance with this Mapping Tool website or if you experience technical issues, please contact the Outreach Division at 202-690-4673.

Select “Register” if you have not registered for a Level 1 ID.

Login Register

RD Home | USDA.gov | Site Map | Policies and Links
FOIA | Accessibility Statement | Privacy Policy | Non-Discrimination Statement | Information Quality | FirstGov | White House



You are here: eAuthentication Account Registration

- Quick Links**
 - [What is an account?](#)
 - [Create an account](#)
 - [Update your account](#)
- Administrator Links**
 - [Local Registration Authority Login](#)

Create an Account - Getting Started

USDA Federal Employees, Contractors, & Affiliates

If you are a USDA Federal Employee, Contractor, or Affiliate of the USDA, you must register for a USDA Internal Account.

[Register for an Internal Account](#)

USDA Customers - What Level of Access Do You Need?

Request Level 1 Access to:

- Visit a USDA web page that indicates a Level 1 account is necessary
- Obtain general information about the USDA or its agencies
- Participate in public surveys for a USDA agency

[Register for a Level 1 Account](#)

Request Level 2 Access to:

- Submit official business transactions via the Internet
- Enter into a contract with the USDA
- Submit forms or applications for the USDA via the Internet

[Register for a Level 2 Account](#)

Changing from Level 1 Access to Level 2 Access

If you already have a Level 1 account and require Level 2 access:

1. Log into your profile
2. Fill in and submit the required information
3. Visit your Local Registration Authority (LRA)

[Log into Your Profile](#)

Click here to create a Level 1 account.



Quick Links

- What is an account?
- Create an account
- Update your account

Administrator Links

- Local Registration
- Authority Login

You are here: eAuthentication Account Registration > Account Request Form

Register for Your Account - Level 1

Form Approved OMB No. 0503-0014

Step 1 of 4 - Level 1 Access Account Registration

USDA customers should complete the information below to create a USDA eAuthentication account. Please read the eAuthentication [Privacy Act Statement](#) and [Public Burden Statement](#) for more information on how your personal information will be protected.

All required fields are **red** and marked by an asterisk (i.e. *). Enter your first and last name exactly as it appears on your Government issued photo ID (e.g. state driver's license).

Note: The characters < > ^ | are not allowed on this form.

User Information

Required Field*

First Name*

Middle Initial

Last Name*

Contact Information

Email*

Confirm Email*

Login Information

User ID*

Password*

Confirm Password*

Security Questions

Please select and answer four distinct questions from the selections below. This information will be used to validate your identity if you forget your password. Each question may only be used once. For additional assistance, click the ? above.

1* Select...

2* Select...

3* Select...

4* Select...

Enter the required information then select "Continue". You will be sent an e-mail to activate your account.

Continue

B. PUBLIC NOTICE RESPONDENT LOGIN

- Go to: <https://broadbandsearch.sc.egov.usda.gov/>
- The Mapping Tool Home Page will be displayed.
- Select the “Login” button to log into the application using your Level 1 eAuthentication ID and password.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome Public Notice Subscription Search Login About Broadband Contact Us Help

Welcome

Welcome to the Telecommunication Mapping Tool homepage! This tool serves three purposes. First, this tool will be used by existing borrowers or those interested in applying for funding under the Infrastructure Loan Program (Infrastructure Program), the Broadband Loan and Loan Guarantee Program (Broadband Program) and the Community Connect Grant Program (Community Connect) to draw their existing or proposed service area maps. This tool will also be used by RUS to post Public Notices of the proposed funded service areas for received loan applications and can be used by existing service providers to submit information regarding their service offerings. Lastly, this tool will be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

In order to use this tool to create a map of your existing or proposed funded service areas, file a response to a published public notice filing, or upload an authenticated map of existing broadband services, you must register for an eAuthentication ID with Level 1 access. If using Internet Explorer, you may need to add https://*.usda.gov to your Trusted Sites to display map information layers. See Help for instructions on adding this to the Trusted Sites. Depending upon the browser/version used, you may need to modify your browser's Internet settings in order to utilize the copy/paste to transfer data from this site. See Help for instructions on modifying Internet settings.

For assistance with this Mapping Tool website or if you experience technical difficulties, please contact the Policy and Outreach Division at 202-690-4673.

Login Register

Select “Login” if you have registered and activated your Level 1 ID.

RD Home FOIA Non-Discrimination Statement | Information Quality | FirstGov | White House

C. VIEW PUBLISHED PUBLIC NOTICE FILINGS (PNF)

After successfully logging into the Mapping Tool, the Mapping Tool home page will be displayed. To view published PNF's, select the "Public Notice" menu option in the top navigation bar.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

My Profile | About Broadband | Contact Us | Help

Welcome | My Applications | My Existing Areas | Upload a Public Map | **Public Notice** | My Responses | Subscription | Search | Logoff

Welcome

Welcome to the Telecommunication Mapping Tool homepage! This tool serves as a platform for existing borrowers or those interested in applying for funding under the Infrastructure Program (Infrastructure Program), the Broadband Loan and Loan Guarantee Program (Broadband Program) and the Community Connect Grant Program (Community Connect) to draw their existing or proposed service area maps. This tool will also be used by RUS to post Public Notices of the proposed funded service areas for received loan applications and can be used by existing service providers to submit information regarding their service offerings. Lastly, this tool will be used by any state, local, or other entity that wishes to upload an authenticated map of existing broadband services.

In order to use this tool to create a map of your existing or proposed funded service areas, file a response to a published public notice filing, or upload an authenticated map of existing broadband services, you must register for an eAuthentication ID with Level 1 access. If using Internet Explorer, you may need to add https://*.usda.gov to your Trusted Sites to display map information layers. See Help for instructions on adding this to the Trusted Sites. Depending upon the browser/version used, you may need to modify your browser's Internet settings in order to utilize the copy/paste to transfer data from this site. See Help for instructions on modifying Internet settings.

Before you can create any applications you must first associate yourself to an organization on the [My Profile](#) page.

For assistance with this Mapping Tool website or if you experience technical difficulties, please contact the Policy and Outreach Division at 202-690-4673.

[RD Home](#) | [USDA.gov](#) | [Site Map](#) | [Policies and Links](#)
[FOIA](#) | [Accessibility Statement](#) | [Privacy Policy](#) | [Non-Discrimination Statement](#) | [Information Quality](#) | [FirstGov](#) | [White House](#)

The Public Notice Filings screen will be displayed. By default, the active/open PNFs will be displayed. You can click on the “View historical PNFs...” button to display closed PNFs. To return back to the active PNF listing, click on the “View active PNFs...” button. You can search the PNF’s by typing the company or location in the “Search” field. As characters are typed in the “Search” field, the list will dynamically change to meet the criteria.

The screenshot shows the USDA Rural Development Broadband Program Mapping Tool interface. At the top, there is a navigation bar with the USDA logo and the text "BROADBAND PROGRAM MAPPING TOOL". Below this is a horizontal menu with options: "Welcome", "My Applications", "My Existing Areas", "Upload a Public Map", "Public Notice", "My Responses", "Subscription", "Search", and "Logoff".

The main content area is titled "Active Public Notice Filings (info)". Below the title is a paragraph explaining that users can view and/or respond to published Public Notice Filings (PNFs) for Broadband Program applications. It notes that providing a response is strictly voluntary and that existing service providers are not required to provide a response to any PNF, but must do so in order for their existing services to be considered when determining the eligibility of the proposed funded service areas (PFSAs) identified in the associated application.

Below the paragraph are two buttons: "View active PNFs..." and "View historical PNFs...". To the right of these buttons is a search field labeled "Search:".

The main content area displays a table with the following data:

	Company	Company Location	Published	Closing
Details...	CORDOVA TELEPHONE CO- OPERATIVE INC	AK	2015-05-20	2015-06-19

Below the table, it says "Showing 1 to 1 of 1 entries". At the bottom of the page, there is a footer with links: "RD Home | USDA.gov | Site Map | Policies and Links", "FOIA | Accessibility Statement | Privacy Policy | Non-Discrimination Statement | Information Quality | FirstGov | White House".

To see further details of the PNF, select the “Details...” link on the PNF that you want to view.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | **Public Notice** | My Responses | Subscription | Search | Logoff | My Profile | About Broadband | Contact Us | Help

Active Public Notice Filings (info)

This page enables you to view and respond to Active Public Notice Filings (PNFs) for Broadband Program applications. Providing a response is strictly voluntary. You are not required to provide a response to any PNF, but must do so in order for their existing service areas to be eligible for funding. You are not required to provide a response to any PNF, but must do so in order for the eligibility of the proposed funded service areas (PFSAs) identified in the associated application.

Select the “Details” link to view details of the PNF.

View active PNFs... | View historical PNFs... | Search:

Company	Company Location	Published	Closing
Details... CORDOVA TELEPHONE CO- OPERATIVE INC	AK	2015-05-20	2015-06-19

States: Ohio
 Counties: Crawford
 Communities: Chatfield village, Sulphur Springs CDP, New Washington village
 Company Point of Contact: [Redacted]
 Company POC Phone Number: [Redacted]
 Company Address: [Redacted]
 Services Offered: [Redacted]

[Respond to filing...](#)

Service Area

App Area 3/27 1 [View Service Areas](#)

	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	2427	1036	964	75
Unserviced	0	0	0	0

Showing 1 to 1 of 1 entries

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D. FILE A RESPONSE TO A PUBLIC NOTICE FILING (PNF)

If you want to file a response after viewing the PNF, select the “Respond to filing...” button.

The screenshot shows the USDA Rural Development Broadband Program Mapping Tool interface. The page title is "Active Public Notice Filings (info)". Below the title is a paragraph explaining that users can view and/or respond to published Public Notice Filings (PNFs) for Broadband Program applications. The page includes navigation tabs for "View active PNFs..." and "View historical PNFs...", a search bar, and a table of active filings. The table has columns for "Company", "Company Location", "Published", and "Closing". The first entry is for "CORDOVA TELEPHONE CO- OPERATIVE INC" in "AK", published on "2015-05-20" and closing on "2015-06-19". Below the table are filters for "States:", "Counties:", "Communities:", "Company Point of Contact:", "Company POC Phone Number:", and "Company Address:". A callout box with the text "Select the 'Respond to filing' button to file a response to a PNF." points to a yellow button labeled "Respond to filing...". Below the filters is a "Service Area" section with a table showing statistics for "App Area 3/27 1".

Company	Company Location	Published	Closing
CORDOVA TELEPHONE CO- OPERATIVE INC	AK	2015-05-20	2015-06-19

Service Area	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Service Area	2427	1036	964	75
Unserviced	0	0	0	0

After selecting the “Respond to filing...” button, the File a Public Notice Response page will be displayed.

[Public Notice](#) : Edit My Response

File a Public Notice Response

OMB Control Number: 0572-0130

Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to requirements of the Paperwork Reduction Act(PRA), unless that collection display a currently valid Office of Management and Budget (OMB) control number.

Please complete all required fields of this form. You will draw your service area on the next step.
 * indicates required fields for this form.

Applicant: CORDOVA TELEPHONE CO-OPERATIVE INC

Please select a service area to respond to:

App Area 3/27 1

Respondent's Information

Organization*:

Contact Person*:

Contact Phone*:

Contact Email Address*:

Comments:

Does the respondent advertise fixed or mobile broadband service with broadband speeds of 3 Mbps or higher within the service area for which this Public Notice response is responding to?

Yes No

If you do advertise broadband transmission speeds of at least 3 Mbps or higher within the service area , you must upload a copy of your advertisement for submission. You may upload 1 supporting document. Acceptable file types include TIF, JPG, PNG, PDF, Word, and Excel. The maximum allowed file size is 4MB. If you upload consecutive documents, the previous document will be replaced.

[view](#)

File

Exiting Establishments capable of receiving 3 Mbps Service within the Service Area

How many premises with the Service Area you are responding to have access to 3 Mbps or higher broadband service from your company?

Residential Households*:

Business Establishments*:

Check those that apply:

- Respondent is a RUS borrower
- Respondent is a RUS borrower offering 3Mbps service
- Respondent is a RUS borrower offering 5Mbps service
- Broadband service is available

Number of existing Broadband Subscribers within the service area

Customer Type	Advertised Upload Speeds	Advertised Download Speeds	Service Rate (price/month)	Number of Subscribers
Loading...				

Showing 0 to 0 of 0 entries

Number of Existing customers subscribing to other services within the service area

Customer Type	Service Type	Service Description	Service Rate (price/month)	Number of Subscribers
Showing 0 to 0 of 0 entries				

After PNF information has been completed, click on "Save and Continue" to draw your service area.

I certify that the information submitted is true and correct to the best of my knowledge.
 * All information submitted is for internal use only. It is not to be disseminated outside the extent permitted under applicable law except for the name of the company submitting this response.

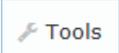
- Select the Service Area you would like to respond to. (*Note: There may be more than one Service Area. You must submit a separate Public Notice Response for each individual Service Area.*)
- Fill in all required information on behalf of your company and click on the “Save and Continue” button.
- The applicant’s main Service Area and Unserved maps are available for viewing.

E. DRAW PUBLIC NOTICE RESPONSE SERVICE AREA MAP

Please follow these steps carefully.

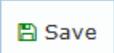
1. Adjust the map to the best position to enable you to draw your area. You can reposition by selecting the left mouse button, holding it, and dragging the map to another position. You may zoom in and out by selecting the + and - buttons from the navigation panwheel on the left. Selecting  will prompt you to save changes and then exit the map.

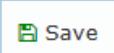
2. To see a legend of the various layers on the map, click  at the top of the map. The Layers tab will show the layers available to view. You may select or deselect the layers you would like to see. The Legend tab shows the colors of the various maps along with a description.

3. To begin drawing a new area, click on  at the top of the map. The Tools drawing options will be displayed.

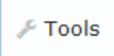
4. Select “PNF Response” from the Service Area Type drop down list.

5. Click on one of the drawing tool buttons from the “Draw” section:

- a. The polygon button  allows the map to be drawn point by point by clicking at each angle. To begin drawing, position your cursor over your first anchor point, click and release the left mouse button, position the cursor over the next anchor point, click and release the left mouse button, continue this until your polygon shape is finished, then double click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

- b. The freehand polygon button  allows the map to be drawn as the mouse is moved without having to click on each point. To begin drawing, click and hold the mouse button down and draw the polygon then release the click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

6. To save changes, click on .

7. If you want to edit a Service Area you have drawn, you can use the “Edit” drawing tools within the  menu.

a. Select the area you would like to edit:

- o *Note: Only the response map can be edited. The map being responded to cannot be edited.*
- o First make sure there are no other areas selected by clicking on the Deselect

button  from the Edit section to clear other selections. If the Deselect button is not available, then there are no areas currently selected and the

Select button  will be displayed instead of the Deselect button.

- o To select the area you would like to edit, first select the map’s Service Area Type from the drop down, then click on the area. *Note: The service type selected in the drop down must match the service type of the area to be selected.* The area selected will be highlighted with a bold red dashed border and the Edit drawing tools will be active for use.

b. To cut a section out of an area, verify the polygon to be cut is selected (highlighted with a bold red dash border – see selection instructions in step a. above). Use the

Cut button  from the Edit drawing tools section to cut an area out of an existing area. After selecting the Cut button, draw the area you would like to remove, just as you did to create an area point by point by clicking at each angle. Make sure the last point of the drawing overlaps the first to close the area to be cut. Once the area is complete, double click and the area will be removed.

c. To reshape, verify the polygon to reshape is selected (highlighted with a bold red dash border – see selection instructions in step a. above). To change the shape of

the polygon, select the Reshape button  from the Edit drawing tools. After selecting the Reshape button, click, hold and drag the anchor point you want to move to the new position. Double click to finish reshaping and apply the changes.

d. To delete, verify the polygon to be deleted is selected (highlighted with a bold red dash/line border - see selection instructions in step a. above). Select Delete button

 from the Edit drawing tools. The polygon will be removed from the map.

e. To save changes, click on .

F. REVIEW AND SUBMIT PUBLIC NOTICE RESPONSE

- After drawing your map(s), saving and selecting "Close" on the mapping tool screen, review the Public Notice Response information, including your map(s), to confirm the information is accurate.
- Select the checkbox at the bottom of the screen, certifying the information contained in your Public Notice Response.
- Select the "Submit" button at the bottom of the page.
- You can now file additional Public Notice Responses for other applications and/or Service Areas. Go back and view the Public Notice Filings listed on the website to determine if you need to submit additional Public Notice Responses.

I certify that the information contained herein is accurate and complete to the best of my knowledge and belief.

* All information submitted by existing service providers will be treated as proprietary and confidential to the extent permitted under applicable law except for the name of the company submitting this response.

Save and Continue Exit Submit Close

**You must check the certification box
before you can submit your PNF
response.**

IV. FILE AN EXISTING SERVICE AREA

You can file an existing service area funded by RUS. Once the existing service area is submitted and approved by the Broadband staff, these service areas will be displayed in the mapping tool as an Approved area.

- To file an existing service area, select the “My Existing Areas” menu option.
- Click on the “New Existing Area” button to begin an existing area.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | **My Existing Areas** | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

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My Existing Areas

This page can be used initiate a new service area map, or to view and edit areas you have already started but not submitted.

[New Existing Area](#) Search:

	Created Date	Created By	Company	Existing Service Area Names	Submitted Date	Reference Number
View...	2015-03-27	Ruralb	CO-			
View...	2015-03-27	Ruralb	CO- OPERATIVE INC		2015-03-27	IWMM-2PNK-N1D2-L4DK
View...	2015-03-27	Ruralb	BSA CJ Org	Existing Area 3/27 2	2015-03-27	MDCD-IAGW-EAHK-MH8N
View...	2015-03-27	Ruralb	BSA CJ Org	Existing 3/27 2	2015-03-27	VHT2-IEFD-C2Z4-TLVS
View...	2015-03-25	Ruralb	52 Eighty LLC	Existing Area 3 25 1	2015-03-25	MZMM-HFQO-OGNB-ILQH

Showing 1 to 5 of 5 entries

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- Type the service area name.
- Select a Program Type.
- Select the Technology Types that apply
- Select a State and County which will be zoomed into on the map drawing page.
- Select an Organization. This list comes from the Organizations that were added on the My Profile page.
- Select a Contact Person from the list or click on “Create New Contact” to enter a new Contact Person, Title, Phone, and E-mail.
- Comments can be entered which are optional.
- Click on the “Save and Draw Service Area” button to navigate to the map drawing page.

USDA Rural Development **BROADBAND PROGRAM MAPPING TOOL**

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[Existing Area](#) : New Existing Area Application

File an Existing Service Area

This page can be used initiate a new service area map drawing for your existing funded areas or to edit areas you have already started but not submitted. In order to complete this form, you must first have associated yourself with an organization from the [My Profile](#) page.
** indicates required fields for this form.*

<p>* Area Name: <input type="text"/></p> <p>* Program Type: <input type="text"/></p> <p>* Technology Type:</p> <p><input type="checkbox"/> Broadband over Power Line</p> <p><input type="checkbox"/> Digital Subscriber Line</p> <p><input type="checkbox"/> Fixed Wireless - Licensed</p> <p><input type="checkbox"/> Fixed Wireless - Unlicensed</p> <p><input type="checkbox"/> Hybrid-Fiber-Coax</p> <p><input type="checkbox"/> FTTH</p> <p><input type="checkbox"/> Satellite</p> <p><input type="checkbox"/> Other</p> <p>* State <input type="text"/></p> <p>* County <input type="text"/></p> <p><input type="button" value="Save and Draw Service Area"/> <input type="button" value="Save and Exit"/></p>	<p>* Organization: <input type="text"/></p> <p>* Existing RUS Borrower Designation: <input type="text"/></p> <p>* Contact Person: <input type="text"/></p> <p>* Title of Contact Person: <input type="text"/></p> <p>* Contact Phone: <input type="text"/></p> <p>* Contact Email Address: <input type="text"/></p> <p>Comments: <input type="text"/></p>
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[FOIA](#) | [Accessibility Statement](#) | [Privacy Policy](#) | [Non-Discrimination Statement](#) | [Information Quality](#) | [FirstGov](#) | [White House](#)

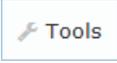
- The map tool will be displayed. Please follow the steps in the next section to draw the map.

A. DRAW EXISTING SERVICE AREA MAP

Once you have saved your Service Area information you will be directed to draw your Service Area. The map drawing instructions can be accessed from the “Existing Areas Map Guide” link just above the Close and Save buttons.

1. Adjust the map to the best position to enable you to draw your areas. You can reposition by selecting the left mouse button, holding it, and dragging the map to another position. You may zoom in and out by selecting the + and - buttons from the navigation panwheel on the left. Selecting  will prompt you to save changes and then exit the map.

2. To see a legend of the various layers on the map, click  at the top of the map. The Layers tab will show the layers available to view. You may select or deselect the layers you would like to see. The Legend tab shows the colors of the various maps along with a description.

3. To begin drawing a new area, click on  at the top of the map. The Tools drawing options will be displayed.

4. Select “Existing Service Area” from the Service Area Type drop down list.

5. Click on one of the drawing tool buttons from the “Draw” menu:

- a. The polygon button  allows the map to be drawn point by point by clicking at each angle. To begin drawing, position your cursor over your first anchor point, click and release the left mouse button, position the cursor over the next anchor point, click and release the left mouse button, continue this until your polygon shape is finished, then double click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

- b. The freehand polygon button  allows the map to be drawn as the mouse is moved without having to click on each point. To begin drawing, click and do not release the mouse button and draw the polygon then release the click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

6. If you want to edit an area you have drawn, you can use the “Edit” drawing tools within the  menu.

a. Select the area you would like to edit:

- o First make sure there are no other areas selected by clicking on the Deselect

button  from the Edit drawing tools section to clear other selections. If the Deselect button is not available, then there are no areas currently

selected and the Select button  will be displayed instead of the Deselect button.

- o To select the area you would like to edit, first select the map’s Service Area Type from the drop down, then click on the area. *Note: The service type selected in the drop down must match the service type of the area to be selected.* The area selected will be highlighted with a bold red dashed border and the Edit drawing tools will be active for use.

b. To cut a section out of an area, verify the polygon to cut is selected (highlighted with a bold red dash border – see selection instructions in step a. above). Use the Cut

button  from the Edit drawing tools to cut an area out of an existing area. After selecting the Cut button, draw the area you would like to remove, just as you did to create an area point by point by clicking at each angle. Make sure the last point of the drawing overlaps the first to close the area to be cut. Once the area is complete, double click and the area will be removed.

c. To reshape, verify the polygon to reshape is selected (highlighted with a bold red dash border – see selection instructions in step a. above). To change the shape of

the polygon, select the Reshape button  from the Edit drawing tools section. Click, hold and drag the anchor point you want to move to the new position. Double click to finish and apply the changes.

d. To delete, verify the polygon to be deleted is selected (highlighted with a bold red

dash border - see selection instructions in step a. above). Select Delete button  from the Edit drawing tools. The polygon will be removed from the map.

e. To save changes, click on .

7. To draw another area, exit out of the map drawing page by clicking on . Once on the Existing Area Application page, click on “Add New Service” to create additional service areas.

V. PUBLIC SERVICE AREA MAPS

You can submit a public service area map of a state or local entity. Once the public service area is submitted and approved by the Broadband staff, these service areas will be displayed on the map within the public layer.

- To file an existing service area, select the “Upload a Public Map” menu option.
- Click on the “Upload a Public Map” button to begin a public area map.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

Upload a Public Map

This page can be used to upload a public broadband map.

Upload a Public Map | Enter Access Key

Created Date	Created By	Company	Existing Service Area Names	Submitted Date	Key	Number
Showing 0 to 0 of 0 entries						

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Click on “Upload a Public Area” to get to the page.

Click on “Upload a Public Map” to begin an existing area.

The Upload a Public Service Area page will be displayed.

The screenshot shows the 'Upload a Public Service Area' page. At the top, there is a header with the USDA Rural Development logo and the title 'BROADBAND PROGRAM MAPPING TOOL'. Below the header is a navigation menu with links: Welcome, My Applications, My Existing Areas, Upload a Public Map (selected), Public Notice, My Responses, Subscription, Search, and Logoff. The main content area has a sub-header 'Upload a Public Map : New Public Service Area' and a title 'Upload a Public Service Area'. A note states: 'In order to complete this form, you must first have associated yourself with an organization from the My Profile page. * indicates required fields for this form.' The form contains several fields: '* Area Name:' (text input), '* Organization:' (dropdown menu), '* Entity Type:' (dropdown menu with 'Select One' selected), '* Contact Person:' (dropdown menu), 'If Other, Explain Entity Type:' (text input), '* Title of Contact Person:' (text input), '* Contact Phone:' (text input), '* Contact Email Address:' (text input), and 'Comments:' (text input). There is also a checkbox for certification: '* I do hereby certify that the map(s) provided meet the definition of broadband as noted in the Farm Bill Program Regulation and NOFA'. At the bottom of the form are two buttons: 'Save and Upload Shapefile' and 'Save and Exit'. The footer contains various links: RD Home | USDA.gov | Site Map | Policies and Links | FOIA | Accessibility Statement | Privacy Policy | Non-Discrimination Statement | Information Quality | FirstGov | White House.

- Type the service area name.
- Select an Entity Type.
- If Entity Type of “Other” was selected, explain the entity type represented.
- Review and check the certification message.
- Select an Organization. This list comes from the Organizations that were added on the My Profile page.
- Select a Contact Person from the list or click on “Create New Contact” to enter a new Contact Person, Title, Phone, and E-mail.
- Comments can be entered which are optional.

- Click on the “Save and Upload Shapefile” button to navigate to the map drawing page.
- The map tool will be displayed. Please follow the steps in the next section to draw or upload the map.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | Subscription | Search | Logoff

My Profile | About Broadband | Contact Us | Help

Search : Public Service Areas : Edit Public Map

Service Area Map: Public SA 1

Existing Areas Map Guide (.pdf)

Close Save Tools Service Area Details Help Layers/Legend Basic

Currently in Select mode. To draw an area, select a Service Type and a drawing tool. To select an area, select the Service Type and click on the area.

1:31,303,777 or 1" = 494 miles 21° 53' 33.73" N, 114° 28' 51.01" W 0 300 600mi

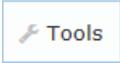
A. UPLOAD SERVICE AREA MAP SHAPE FILE

In lieu of drawing the service area, you can upload a shape file. One service area map can be uploaded at a time.

The shape file must meet the following criteria:

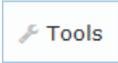
1. All map areas must be closed, non-overlapping polygons with a single, unique identifier.
2. The shape file must have an assigned projection with an accompanying .prj file.
3. The shape file must use unprojected (geographic) WGS84 geographic coordinate system.
4. The shape file must be submitted as a .zip file and must not exceed 2GB in size. This can be done with a program like WinZip or in Windows by selecting the files associated with a shape file, right-click the files, then click "Send to" then "Compressed (zipped) folder". Be sure that the .zip file contains one and only one shape file.

Please follow these steps to upload a service area map.

1. Click on  at the top of the map. The Tools drawing options will be displayed.
2. Select "Public Map" from the Service Area Type drop down list.
3. Click on "Browse..." from the Shapefile section.
4. Choose a shape file to upload and click on the "Open" button.
5. The service area map will be displayed.
6. To save changes, click on .

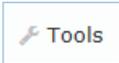
B. DRAW PUBLIC AREA MAP

Once you have saved your Service Area information you will be directed to draw your Service Area. The map drawing instructions can be accessed from the "Map Guide" link just above the Close and Save buttons.

1. Adjust the map to the best position to enable you to draw your areas. You can reposition by selecting the left mouse button, holding it, and dragging the map to another position. You may zoom in and out by selecting the + and - buttons from the navigation panwheel on the left. Selecting  will prompt you to save changes and then exit the map.
2. To see a legend of the various layers on the map, click  at the top of the map. The Layers tab will show the layers available to view. You may select or deselect the layers you would like to see. The Legend tab shows the colors of the various maps along with a description.
3. To begin drawing a new area, click on  at the top of the map. The Tools drawing options will be displayed.
4. Select “Public Map” from the Service Area Type drop down list.
5. Click on one of the drawing tool buttons from the “Draw” menu:

- a. The polygon button  allows the map to be drawn point by point by clicking at each angle. To begin drawing, position your cursor over your first anchor point, click and release the left mouse button, position the cursor over the next anchor point, click and release the left mouse button, continue this until your polygon shape is finished, then double click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

- b. The freehand polygon button  allows the map to be drawn as the mouse is moved without having to click on each point. To begin drawing, click and do not release the mouse button and draw the polygon then release the click to complete the drawing. You may see a message that your polygon is loading. Wait for this message to close before continuing. Once the drawing is complete, click on  to save.

6. If you want to edit an area you have drawn, you can use the “Edit” drawing tools within the  menu.
 - f. Select the area you would like to edit:

- o First make sure there are no other areas selected by clicking on the Deselect button  from the Edit drawing tools section to clear other selections. If the Deselect button is not available, then there are no areas currently selected and the Select button  will be displayed instead of the Deselect button.
 - o To select the area you would like to edit, first select the map's Service Area Type from the drop down, then click on the area. *Note: The service type selected in the drop down must match the service type of the area to be selected.* The area selected will be highlighted with a bold red dashed border and the Edit drawing tools will be active for use.
- g. To cut a section out of an area, verify the polygon to cut is selected (highlighted with a bold red dash border – see selection instructions in step a. above). Use the Cut button  from the Edit drawing tools to cut an area out of an existing area. After selecting the Cut button, draw the area you would like to remove, just as you did to create an area point by point by clicking at each angle. Make sure the last point of the drawing overlaps the first to close the area to be cut. Once the area is complete, double click and the area will be removed.
- h. To reshape, verify the polygon to reshape is selected (highlighted with a bold red dash border – see selection instructions in step a. above). To change the shape of the polygon, select the Reshape button  from the Edit drawing tools section. Click, hold and drag the anchor point you want to move to the new position. Double click to finish and apply the changes.
- i. To delete, verify the polygon to be deleted is selected (highlighted with a bold red dash border - see selection instructions in step a. above). Select Delete button  from the Edit drawing tools. The polygon will be removed from the map.
- j. To save changes, click on  Save.
7. To draw another area, exit out of the map drawing page by clicking on  Close. Once on the Public Maps page, click on “Add New Service” to create additional service areas.

C. REVIEW AND SUBMIT PUBLIC MAP

Before submitting your public maps, review all information for accuracy and then select the “Submit” button.

The screenshot displays the 'Public Maps' section of the USDA Rural Development Broadband Program Mapping Tool. The page header includes the USDA logo and navigation links such as 'My Profile', 'About Broadband', and 'Contact Us'. The main content area shows application details for 'Public SA 1', including creation and submission dates. A callout bubble highlights the 'Submit' button. Below the details is a table with statistics for 'Public SA 1'.

Area Name	Total Population in Polygons	Total Housing Units in Polygons	Total Households in Polygons	Total Square Miles in Polygons
Public SA 1	N/A	N/A	N/A	N/A

After you have submitted the application, a Reference Number associated with your submission will be displayed. This reference number can be used in communications about the maps with the RUS staff.

VI. SUBSCRIPTION SERVICE

Anyone wanting to receive updates about new Public Notice Filings that are published by RUS may do so by signing up for our Subscription Service. Those that register will receive e-mails from RUS whenever a new PNF is published. To register for this service:

- Go to: <https://broadbandsearch.sc.egov.usda.gov/>
- The Mapping Tool Home Page will be displayed.
- Select the “Subscription” menu option.
- Enter your name and the e-mail address where you want to receive the Broadband Notification e-mails, click the “Subscribe” radio button and click the “Submit” button.
- The system will send a confirmation e-mail to the e-mail address you entered.
- To unsubscribe, enter the name and e-mail address you subscribed with, click on the “Unsubscribe” radio button and click on the “Submit” button.

The screenshot shows the 'Subscription' page of the USDA Rural Development Broadband Program Mapping Tool. The page features a header with the USDA logo and navigation links. The main content area contains a form for entering a name and email address, with radio buttons for 'Subscribe' and 'Unsubscribe'. A 'Submit' button is located below the form. The footer contains various links including 'RD Home', 'USDA.gov', 'Site Map', 'Policies and Links', 'FOIA', 'Accessibility Statement', 'Privacy Policy', 'Non-Discrimination Statement', 'Information Quality', 'FirstGov', and 'White House'.

USDA Rural Development BROADBAND PROGRAM MAPPING TOOL

Welcome | My Applications | My Existing Areas | Upload a Public Map | Public Notice | My Responses | **Subscription** | Search | Logoff | My Profile | About Broadband | Contact Us | Help

Subscription

Please enter your name and email address that you wish the subscriptions to be sent to, and click Submit. A confirmation e-mail will be sent to the address provided on the form below. Required fields are marked with a *

Name:

Email: *

What would you like to do? *
 Subscribe
 Unsubscribe

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