User Guide to the Regional Water Planning Data Web Interface (DB12)

A data collection application for the third cycle of regional planning

Texas Water Development Board

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Foreword

This is a guidance document containing information on the commands and features of the Regional Water Planning Data Web Interface, the database-enabled Internet application developed by the Texas Water Development Board (TWDB) for viewing and editing regional water planning data. This document is not intended as a guide for the development of the Regional Water Plans. Users are referred to TWDB's Exhibit B (Guidelines for Regional Water Plan Development) for detailed information and guidance on all aspects of regional water planning. The Regional Water Planning Data Web Interface is based on the guidelines listed in Exhibit B.

1.0 Introduction to the Regional Water Planning Data Web Interface

The Regional Water Planning Data Web Interface is an interactive, database-enabled Internet application that will be used to electronically collect and store regional water planning data for the regional water plans due in 2011.

The Regional Water Planning Group members (Planning Groups) and staff of TWDB's Office of Planning **will be able to view all data in the application** through the Web User Interface. Designated representatives of the Planning Groups will be granted rights to edit data and will be able to enter new information and make changes to existing information for the regions they represent by using the application.

The TWDB will initially populate the application with most of the applicable 2006 regional water planning data. The Planning Groups can review and revise this information. Data entry and editing will be done through electronic "data forms" contained within the application. The main data forms are the Source forms, the Water User Group forms, the Wholesale Water Provider forms, and the Water Management Strategy forms.

The intent of the database application is to facilitate data entry for the Planning Groups, to ensure the standardization of data submitted by the Planning Groups, and to ensure that regional and statewide information can be compiled in a consistent and timely manner. The updated electronic data can be used in the final Regional Water Plans; however, data presented in the final Regional Water Plans should not contradict the information that is entered into the database-enabled Internet application.

The following are general requirements for the data and application:

- The data submitted should be accurate and the best available data.
- Potential interregional conflicts should be identified and resolved prior to final data entry.
- All fields on the forms require data unless otherwise stated or entry is restricted.
- Data fields, programming, and formatting within the database application cannot be modified, deleted, or omitted by the Planning Groups or their representatives.

- Spelling, word order, and proper names must be used consistently and correctly when entering information into the database to prevent errors and redundancies.
- The Planning Groups must use the same reporting conventions for data shared by more than one region.
- Only whole numbers should be used in the forms.
- Water volumes should be represented in acre-feet.

The Regional Water Planning Data Web Interface is located at the following Internet address:
http://www.twdb.state.tx.us/apps/db12/login.asp

2.0 Typographical Convention

Bold text within this document indicates a button, link, label, or other type of feature on the actual Web forms of the Interface. TWDB will be used in this document to refer to the Texas Water Development Board. WUG refers to a Water User Group when used in this document. WWP refers to a Wholesale Water Provider when used in this document. WMS refers to a Water Management Strategy when used in this document.

3.0 Login

When you visit the Regional Water Planning Data Web Interface, the first form that you will see is the Login form, as shown in Figure 3.1. This form requires that you enter a login ID and a password.

3.1 Pre-Approved Users

If you are a first-time, pre-approved user who received an email in June 2009 with a temporary login ID and password, you will enter your temporary ID and password here. You will then click the **Submit** button that will take you to the Registration form, pictured in Figure 4.1. You must enter all information and change your login ID here. Although you do not have to change your password, it is recommended that you do change it to something that is easy for you to remember. Once this is complete, you will be able to log into the Interface using your new login ID and password.

3.2 Non Pre-Approved Users

If you are a first-time user that has not been pre-approved, you may register for the site by clicking the word **here** in the "**Register here**" link under the login box on the Login form. This link will take you to the Registration form, pictured in figure 4.1, which you must complete and submit. TWDB staff will process your request, and you will receive an email notifying you that your account has been approved within a few days.

3.3 Logging into the Interface

Once you are an approved, registered user, you can use the login ID and password you created during your registration on the Login form. After you have entered your login ID and password, click on the **Submit** button and you will be taken to the Regional Water Planning Data Web Interface Main form.

3.4 Forgetting Your Login ID or Password

If you have forgotten your login ID or password, click on either the "**Forgot your login ID?**" or "**Forgot your password?**" links. You will be asked for the email you provided and the answer to a simple question you created in your registration to verify your identity. Once your identity has been verified, you will receive an email giving you your login ID and password.

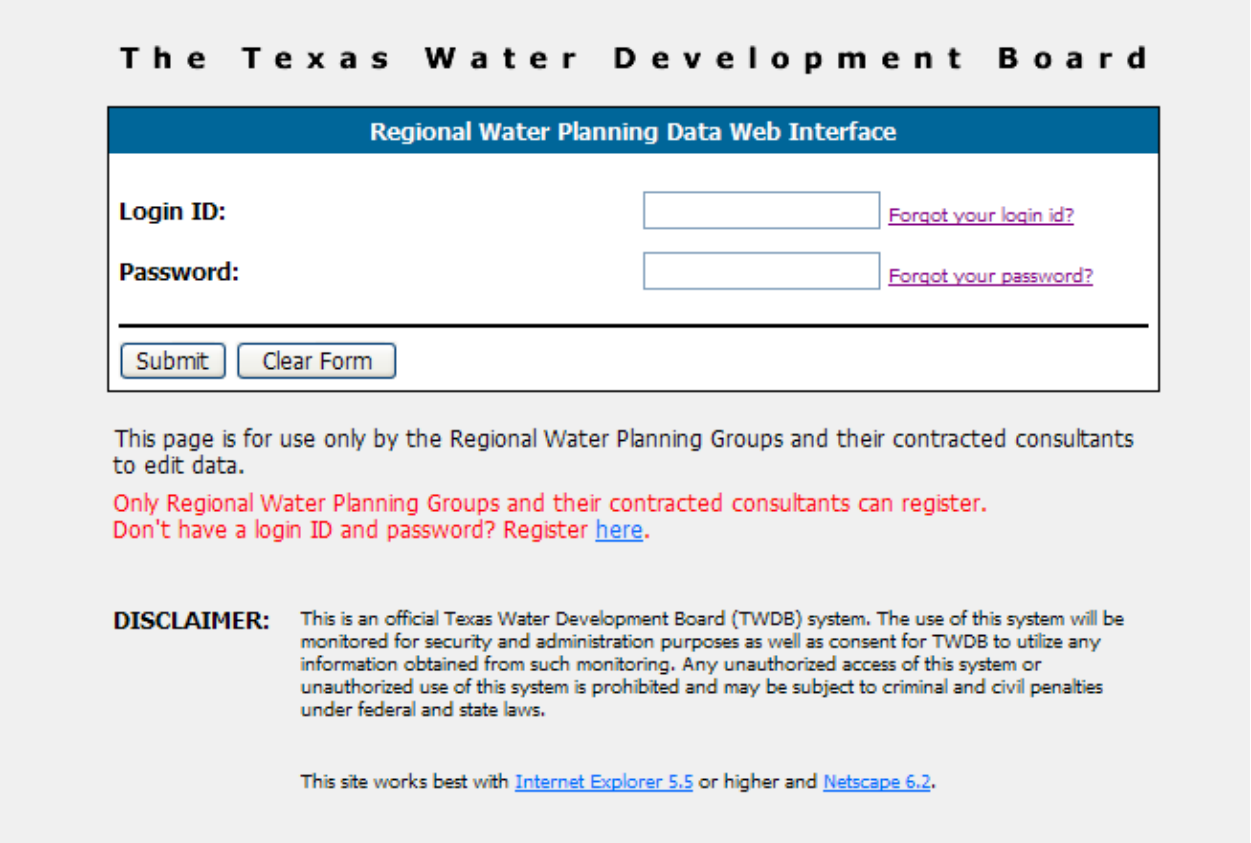


Figure 3.1- Login Form

4.0 Registration

For all first-time users, the Registration form, shown in Figure 4.1, must be completed and submitted in order to gain access to the Interface.

If you are a pre-approved user you must be sure to change your login ID. It is also recommended that you change your password to something easy for you to remember. All other users must create their own, new login ID and password.

All fields marked with red asterisks are required. If you are a consultant that will be editing data for a region or regions, you must also select all regions that you will be updating.

Please note that only consultants from the Planning Groups will be granted editing rights to the Interface. All other users will only be able to view information and will not be able to make any changes.

After entering all required information, click the **Update** button, if you are a pre-approved user, or the **Submit** button, if you are not, to submit your information.

For users who have not been pre-approved, once you have submitted your information you will be sent an email to the address you provided notifying you of your approval within a few days. For pre-approved users, you will be able to immediately log into the Interface.

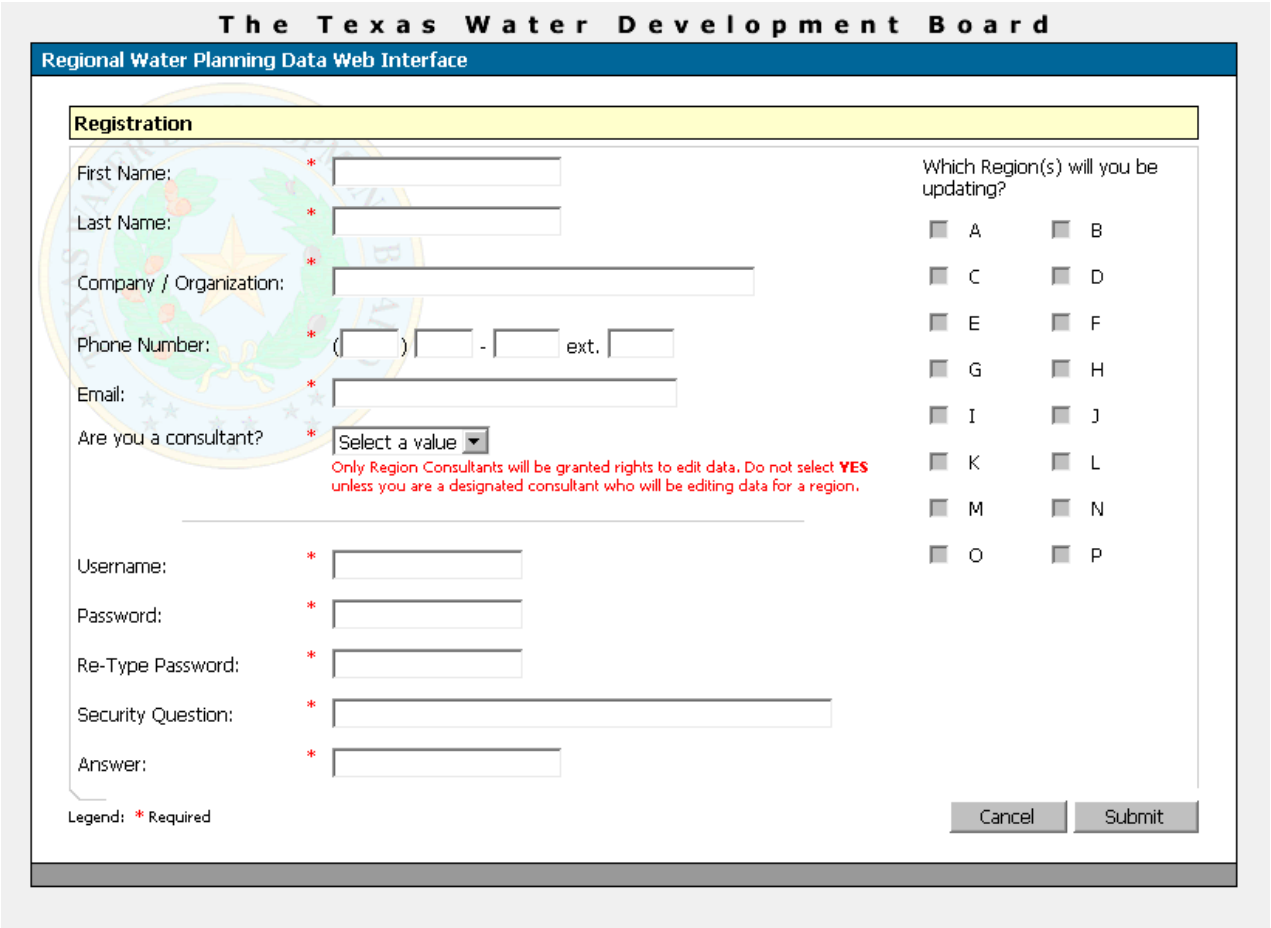


Figure 4.1- Registration Form

5.0 The Regional Water Planning Data Web Interface Main Page

The Regional Water Planning Data Web Interface Main page, pictured in Figure 5.1, is the main page that has links to all aspects of the Interface.

In the box on the left side of the page you will notice the **Menu**, **Profile**, **Search**, and **Help** features. These features, as well as the **Home** and **Logoff** features, can also be found as clickable buttons in the upper right-hand region of this form. When you visit other forms in the Interface these buttons will always remain in the same area of the form.

In the center of the form you will find a brief description of each feature. By clicking on either the link or the button for each feature, you will be taken to different forms that allow you to view and edit information, change your profile, search for specific information, or find help with using the Interface and its data.

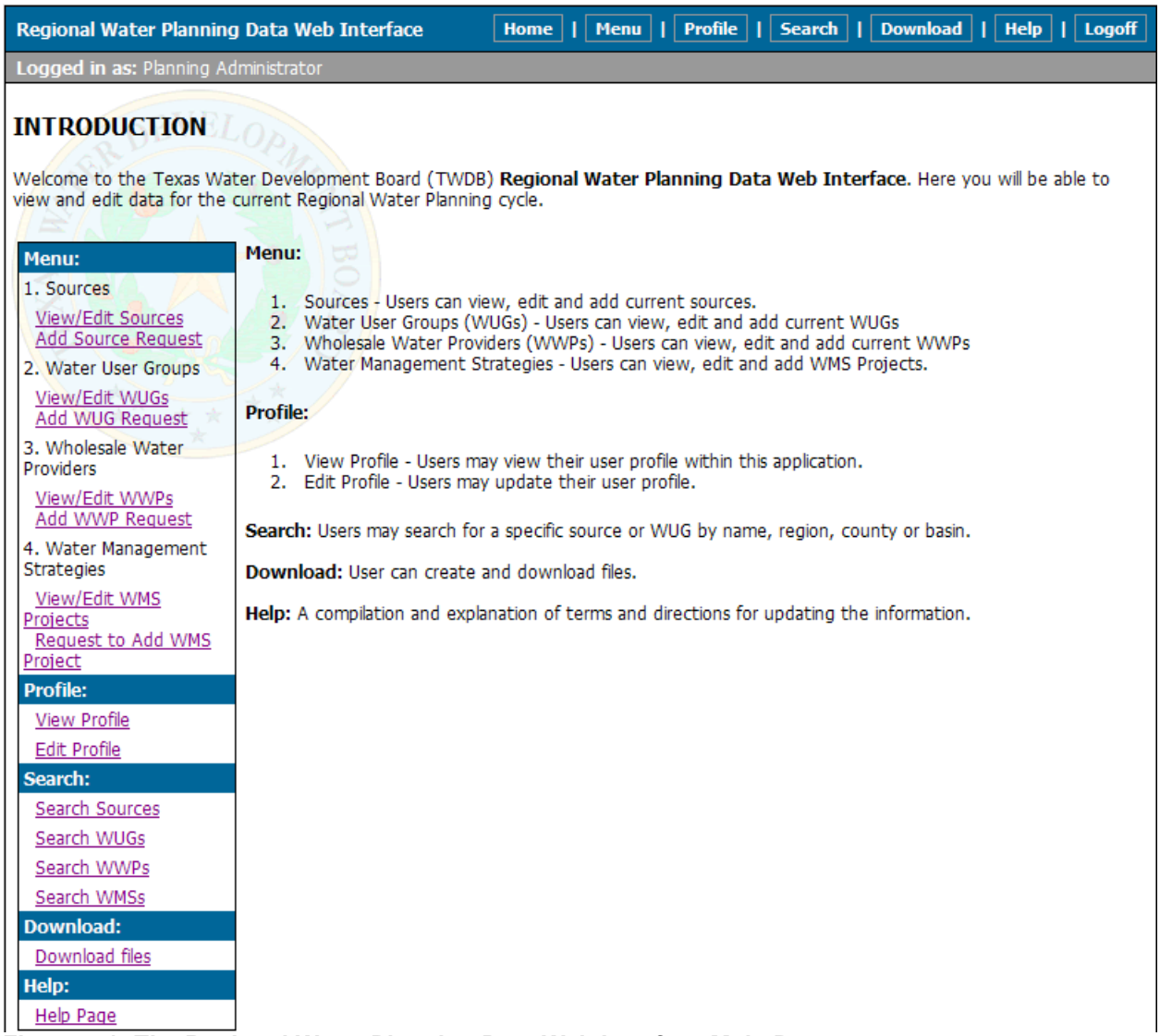


Figure 5.1- The Regional Water Planning Data Web Interface Main Page

5.1 Home

The **Home** button provides two links when clicked, as shown in Figure 5.2. The first is to the Texas Water Development Board home page, and it is appropriately titled **TWDB Home**. The second is to the Regional Water Planning Data Web Interface Main page, pictured in Figure 5.1. This link is titled **Interface Home**.

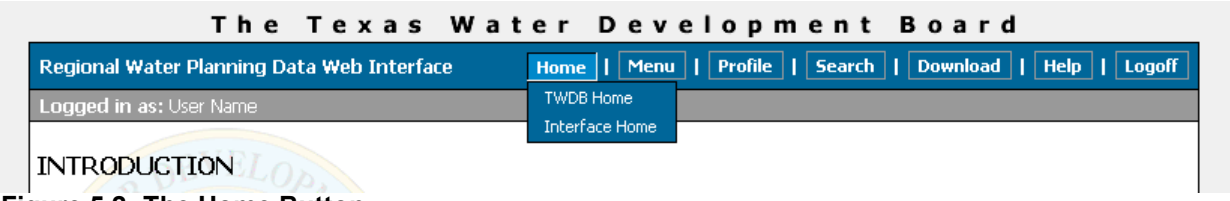


Figure 5.2- The Home Button

5.2 Menu

The **Menu** button, shown in Figures 5.3, 5.4, 5.5, and 5.6 provides several links to the data and editing features of the Interface. **Sources**, pictured in Figure 5.3, features two links, the **View/Edit Sources** link, described in section 6.1.1, and the **Add Source Request** link, described in section 6.1.6. **Water User Groups**, shown in Figure 5.4, features two links, also, the **View/Edit Water User Groups** link, described in section 6.2.1, the **Add Water User Group Request** link, described in section 6.2.4. **Wholesale Water Providers**, shown in Figure 5.5, features two links, the **View/Edit Wholesale Water Providers** link, described in section 6.3.1, and the **Add Wholesale Water Provider Request** link, described in section 6.3.4. **Water Management Strategies**, shown in figure 5.6, features the **View/Edit WMS Projects** link, described in section 6.4.2, and the **Request to Add WMS Project** link, described in section 6.4.1. The **Reports Page** link takes you directly to the Reports form, described in section 6.5.

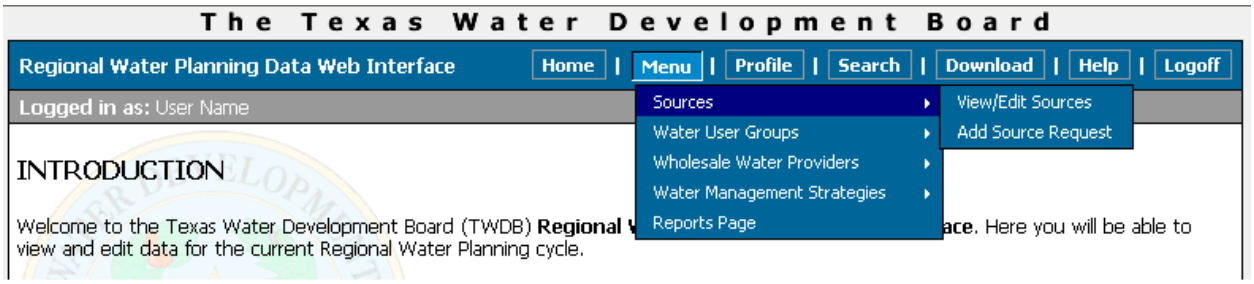


Figure 5.3- The Menu Button with the Sources Links

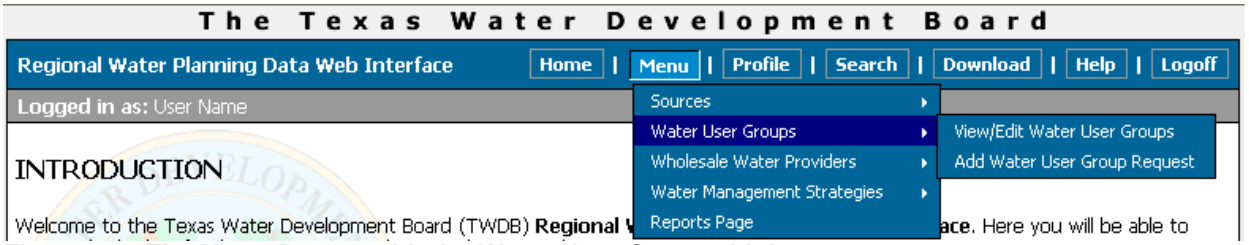


Figure 5.4- The Menu Button with the Water User Groups Links

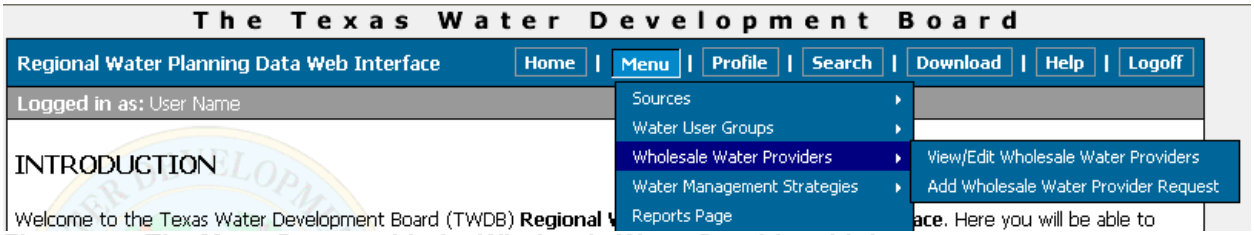


Figure 5.5- The Menu Button with the Wholesale Water Providers Links

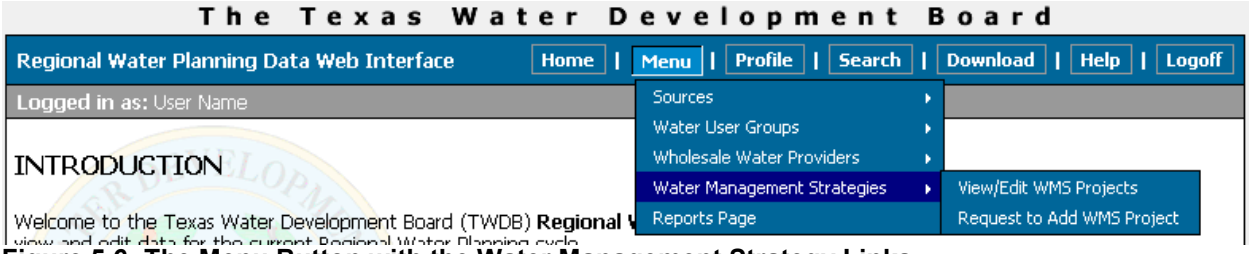


Figure 5.6- The Menu Button with the Water Management Strategy Links

5.3 Profile

The **Profile** button, pictured in Figure 5.7, provides the **View Profile** link and the **Edit Profile** link described in section 7.0.

Figure 5.7- The Profile Button

5.4 Search

The **Search** button, shown in Figure 5.8, has links to the four different types of searches. The **Search Source(s)**, **Search Water User Group(s)**, **Search Wholesale Water Provider(s)**, and **Search Water Management Strategies** links allow you to search for Sources, Water User Groups, Wholesale Water Providers, or Water Management Strategies. The Source search is described in section 8.1, the Water User Group search is described in section 8.2, the Wholesale Water Provider search, described in section 8.3, and the Water Management Strategies Search is described in section 8.4

Figure 5.8- The Search Button

5.5 Help

When clicked, the **Help** button will take you directly to the Help form. The help features are described in section 10.0.

5.6 Logoff

The **Logoff** button will log you off of the Interface when clicked. You will be asked if you are sure that you want to log off. To exit, click the **OK** button. To cancel and go back to the Interface, click the **Cancel** button.

6.0 Data Forms

The data forms in the Regional Water Planning Data Web Interface include the Sources, Water User Groups, Wholesale Water Providers, and the Water Management Strategies data forms. The Sources, Water User Groups, Wholesale Water Providers, and Water Management Strategies all have both read-only and editing features. The following sections describe in detail the Sources, Water User Groups, Wholesale Water Providers, and Water Management Strategies data forms.

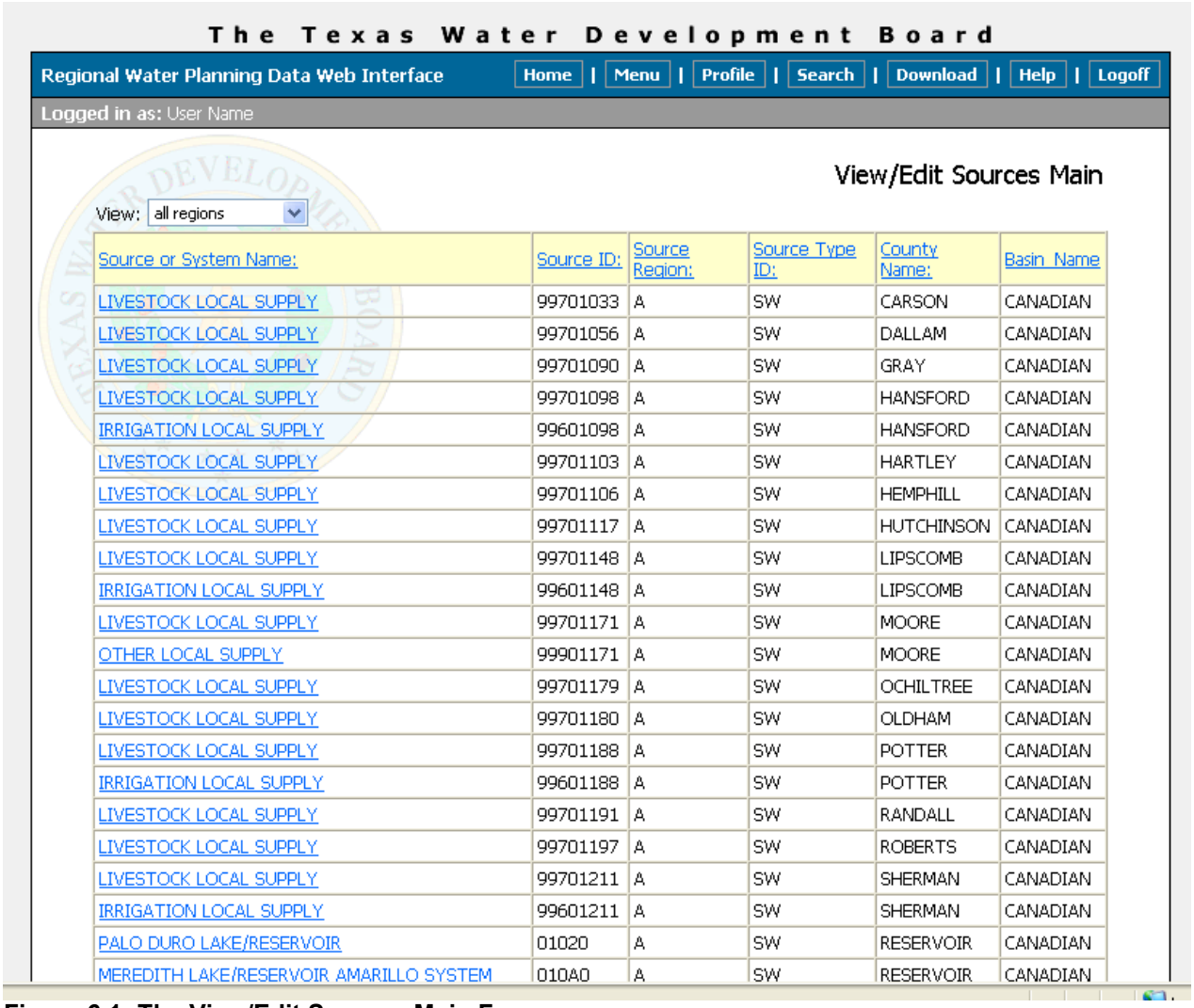
6.1 Sources

The data on the Sources forms include all currently available sources as well as the total availability volumes from these sources. Sources should not be reported more than once and are either groundwater, surface water, or reuse.

The availability volume from each unique, currently existing water source located in or available to each region under drought-of-record and under current development conditions is included on the Sources form. Details of several conditions that must be met are explained further in Exhibit B.

6.1.1 The View/Edit Sources Main Form

The View/Edit Sources Main form, which can be accessed from the **Home** button (**Menu > Sources > View/Edit Sources**) and is pictured in Figure 6.1, contains all the currently existing sources available in the database.



Source or System Name:	Source ID:	Source Region:	Source Type ID:	County Name:	Basin Name
LIVESTOCK LOCAL SUPPLY	99701033	A	SW	CARSON	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701056	A	SW	DALLAM	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701090	A	SW	GRAY	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701098	A	SW	HANSFORD	CANADIAN
IRRIGATION LOCAL SUPPLY	99601098	A	SW	HANSFORD	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701103	A	SW	HARTLEY	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701106	A	SW	HEMPHILL	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701117	A	SW	HUTCHINSON	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701148	A	SW	LIPSCOMB	CANADIAN
IRRIGATION LOCAL SUPPLY	99601148	A	SW	LIPSCOMB	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701171	A	SW	MOORE	CANADIAN
OTHER LOCAL SUPPLY	99901171	A	SW	MOORE	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701179	A	SW	OCHILTREE	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701180	A	SW	OLDHAM	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701188	A	SW	POTTER	CANADIAN
IRRIGATION LOCAL SUPPLY	99601188	A	SW	POTTER	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701191	A	SW	RANDALL	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701197	A	SW	ROBERTS	CANADIAN
LIVESTOCK LOCAL SUPPLY	99701211	A	SW	SHERMAN	CANADIAN
IRRIGATION LOCAL SUPPLY	99601211	A	SW	SHERMAN	CANADIAN
PALO DURO LAKE/RESERVOIR	01020	A	SW	RESERVOIR	CANADIAN
MEREDITH LAKE/RESERVOIR AMARILLO SYSTEM	010A0	A	SW	RESERVOIR	CANADIAN

Figure 6.1- The View/Edit Sources Main Form

6.1.1.1 Sorting the Sources List

You may sort this list by Source or System Name, Source ID, Source Region, Source Type ID, or County or Basin Name, by clicking on the appropriate column header. Or, if you would prefer, you may search for a source by clicking the **Search Source(s)** link on the **Search** button. This feature is further described in section 8.1.

6.1.1.2 Limiting the Records in the Sources List

If you are an approved consultant with editing rights, you may also limit the number of records in the list by selecting the view choice from the dropdown box above the table. You may select to view records either by all regions, by just your region(s), or by your share(s).

6.1.1.3 Viewing a Source Detail

To view detailed information about a specific source or to edit a source, click on the specific source name that is listed in the Source or System Name column.

6.1.2 The View Sources Form

The View Sources form, containing the details of a specific source and shown in Figure 6.2, loads when you select an individual source from the View/Edit Sources Main form. There is no editing on this form.

6.1.2.1 Returning to the View/Edit Sources Main Form

If you do not have editing rights to the region in which this source is located, you will only have the **Back** button in the upper right-hand region of the screen that will take you back to the View/Edit Sources Main form when clicked.

6.1.2.2 Editing a Source

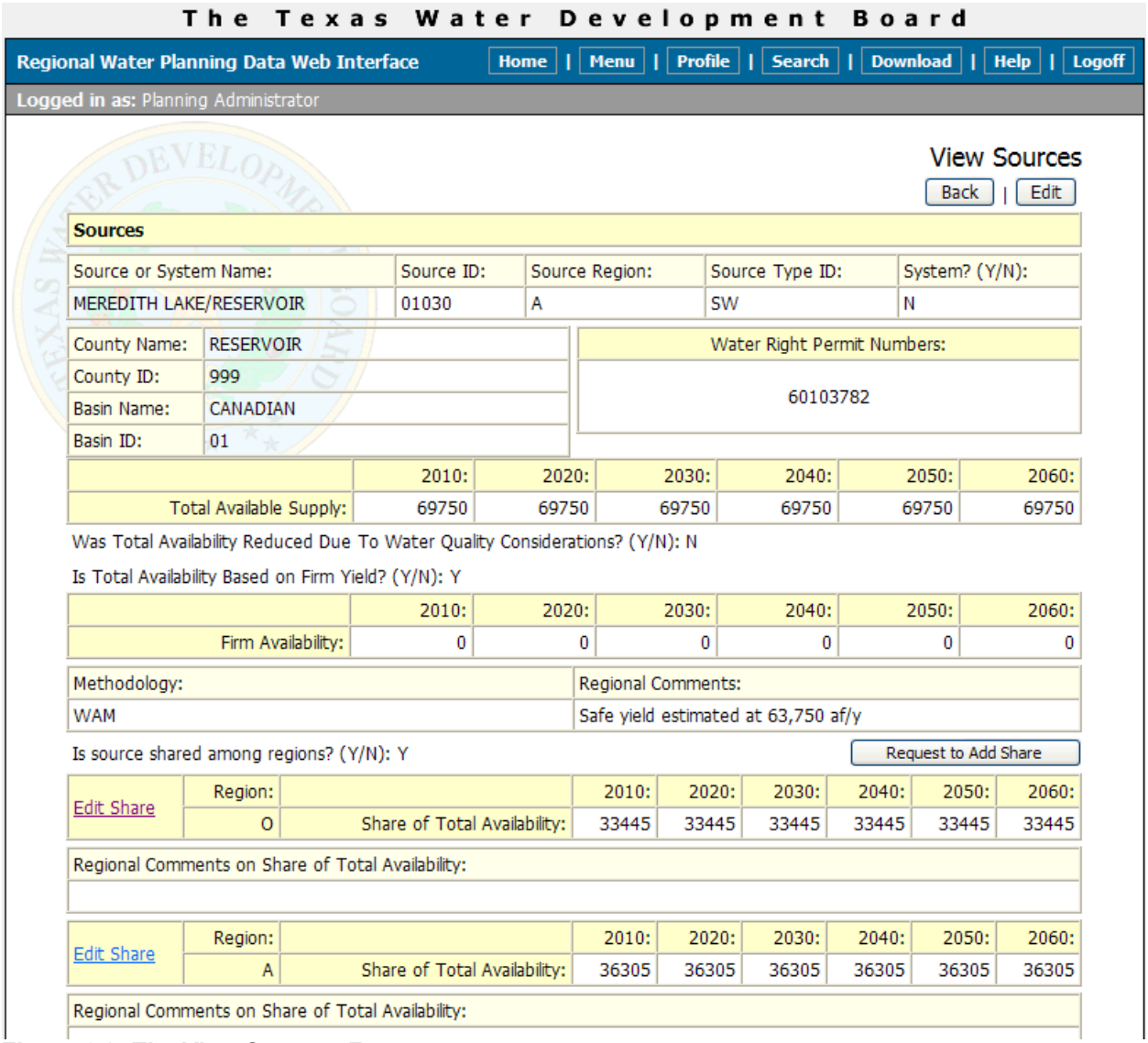
If you are an approved consultant with editing rights to the region in which the specific source is located, you will have an **Edit** button in the upper right portion of your screen. When you click this button you will be taken to the Edit Source form, described in section 6.1.3, where you may make changes to this source.

6.1.2.3 Editing a Source Share

Approved consultants can also edit source shares that are located in their regions. By clicking on the **Edit Share** link to the left of the share information, the Edit Source Share form, described in section 6.1.4, will be loaded.

6.1.2.4 Requesting to Add a Share to a Source

All users can request to add a share to a source. When the **Request to Add Share** button is clicked in the bottom right-hand region of the screen, it will load the Request to Add Source Share form, described in section 6.1.5.



The Texas Water Development Board

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View Sources

Back | Edit

Sources

Source or System Name:	Source ID:	Source Region:	Source Type ID:	System? (Y/N):
MEREDITH LAKE/RESERVOIR	01030	A	SW	N

County Name:	RESERVOIR
County ID:	999
Basin Name:	CANADIAN
Basin ID:	01

Water Right Permit Numbers:
60103782

	2010:	2020:	2030:	2040:	2050:	2060:
Total Available Supply:	69750	69750	69750	69750	69750	69750

Was Total Availability Reduced Due To Water Quality Considerations? (Y/N): N

Is Total Availability Based on Firm Yield? (Y/N): Y

	2010:	2020:	2030:	2040:	2050:	2060:
Firm Availability:	0	0	0	0	0	0

Methodology:	Regional Comments:
WAM	Safe yield estimated at 63,750 af/y

Is source shared among regions? (Y/N): Y

Request to Add Share

	Region:		2010:	2020:	2030:	2040:	2050:	2060:
Edit Share	O	Share of Total Availability:	33445	33445	33445	33445	33445	33445

Regional Comments on Share of Total Availability:

	Region:		2010:	2020:	2030:	2040:	2050:	2060:
Edit Share	A	Share of Total Availability:	36305	36305	36305	36305	36305	36305

Regional Comments on Share of Total Availability:

Figure 6.2- The View Sources Form

6.1.3 Edit Source Form

The Edit Source form, pictured in Figure 6.3, is only available to approved consultants with editing rights. All fields labeled in red are editable fields.

Note that initially all fields on this form, with the exception of the **Methodology** and **Regional Comments** fields, have been populated. Of the populated fields only the following may be edited:

- **Data Entry Complete for this Source?**
- **Water Right Permit Numbers**
- **Total Available Supply:** 2010, 2020, 2030, 2040, 2050, and 2060
- **Was Total Availability Reduced Due to Water Quality Considerations?**
- **Is Total Availability Based on Firm Yield?**
- **Methodology**
- **Regional Comments**

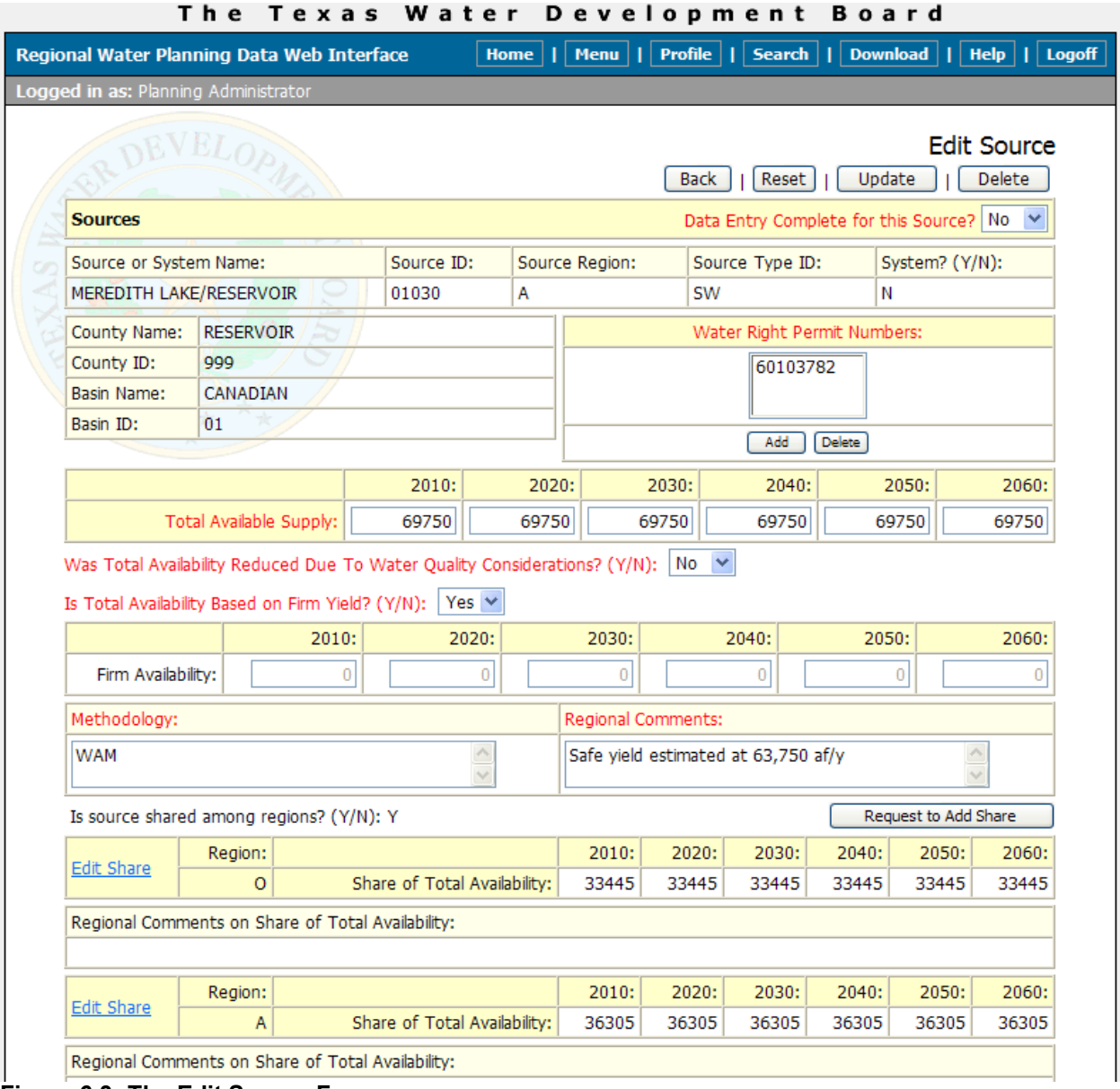


Figure 6.3- The Edit Source Form

6.1.3.1 Adding and Deleting a Water Right Permit Number

To enter a water right permit number, click the **Add** button below the **Water Right Permit Number** box. When you click the **Add** button a pop-up window will load, as shown in Figure 6.4. To submit a water right, follow the directions in the window.

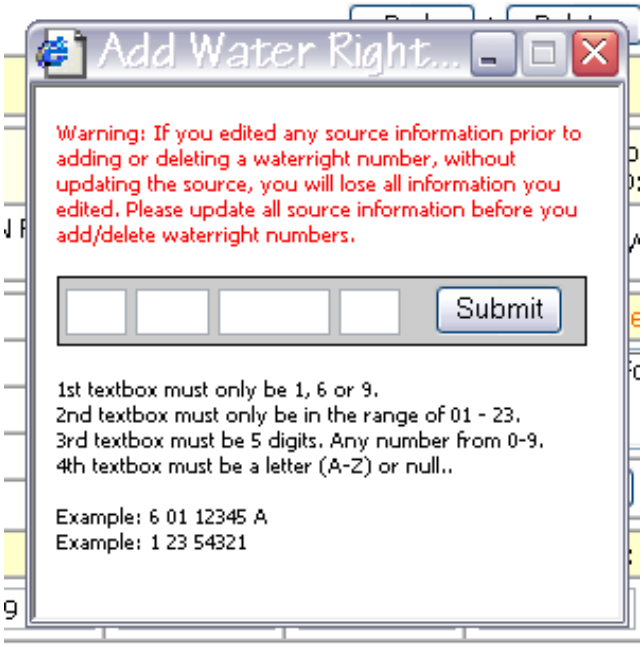


Figure 6.4- The Add Water Right Pop-Up Box

Once you have submitted a water right, or there is a water right listed in the **Water Right Permit Numbers** box, you may delete it by selecting the number and clicking the **Delete** button below the **Water Right Permit Numbers** box. This action will cause another pop-up window to load asking if you are sure that you want to delete the water right permit number. Click the **OK** button to delete the water right permit number or the **Cancel** button if you do not wish to delete the number.

6.1.3.2 Editing a Source

If a source is surface water, reuse, or groundwater without a managed available groundwater (MAG) number, to edit **Total Available Supply**, enter the values in the text box below the appropriate years.

If a source is groundwater and has a MAG number for the entire source, the **Total Managed Available Groundwater Supply** values are not editable.

If only part of the source is a MAG number, the **Total Managed Available Groundwater Supply** values are not editable, but you will then need to enter the **Total Available Supply Not Included in MAG** values in the text box below the appropriate years.

If you are reducing total availability volumes due to water quality considerations, select yes from the dropdown box beside the question and describe in the **Methodology** field the amounts reduced and the method(s) used to determine these volumes.

If **Total Available Supply** is not based on Firm Yield, select no from the dropdown box beside the question. You will then need to enter the **Firm Availability** values in the text box below the appropriate years.

Provide any additional information or comments on the source in the **Regional Comments** field.

If the source is a shared source, a "Y" will appear next to the "**Is source shared among regions?**" question. You can edit a share by clicking on the **Edit Share** link to the left of the share information. You can request to add a share by clicking on the **Request to Add Share** button.

6.1.3.3 Resetting the Values on the Edit Source Form

If you would like to reset the values on the form back to the original values pulled from the database, click the **Reset** button in the upper right-hand region of the screen. This button will clear all data that you have entered on the form.

6.1.3.4 Submitting Your Changes

Once you have entered all the values for the source, you may submit and save your values by clicking on the **Update** button in the upper right-hand region of your screen. If you are completely finished updating the source, select yes from the **Edit Complete?** drop-down box directly below the **Update** button. If you are not finished editing the source, select no from the **Edit Complete?** drop-down box. Your information will be saved, and you may return later to finish editing the source.

6.1.3.5 Requesting That a Source be Deleted

To request that a source be deleted, click on the **Delete** button on the Edit Source Form. This will load the Delete Source form, similar to the contact form described in section 10.0. Complete your contact information and click the **Submit** button to submit your request. Your request will be reviewed and you will be notified when the review process is complete. To cancel the request, click the **Cancel** button.

6.1.3.6 Returning to the View Sources Form

To return to the View Sources form from the Edit Source form, click the **Back** button in the upper right-hand region of the screen.

6.1.4 Edit Source Share Form

The Edit Source Share form allows you to edit a preexisting share and is shown in Figure 6.5.

6.1.4.1 Editing a Share

The total available supply for the source is automatically populated and can be edited only by the region in which the source is physically located.

Like the Request to Add Source Share form, you will enter your **Share of Total Availability** in the text boxes below the appropriate year. Please keep in mind that your share cannot exceed the total available supply. If your share does exceed total available supply, a pop-up box will alert you.

If you have any comments about your shares you may list them in the **Regional Comments on Share of Total Availability** box.

6.1.4.2 Submitting Your Changes

Once you have entered your shares and made your comments, you click the **Update** button to save your changes.

6.1.4.3 Canceling Your Changes

To cancel your changes and return to the View Sources form, click the **Cancel** button.

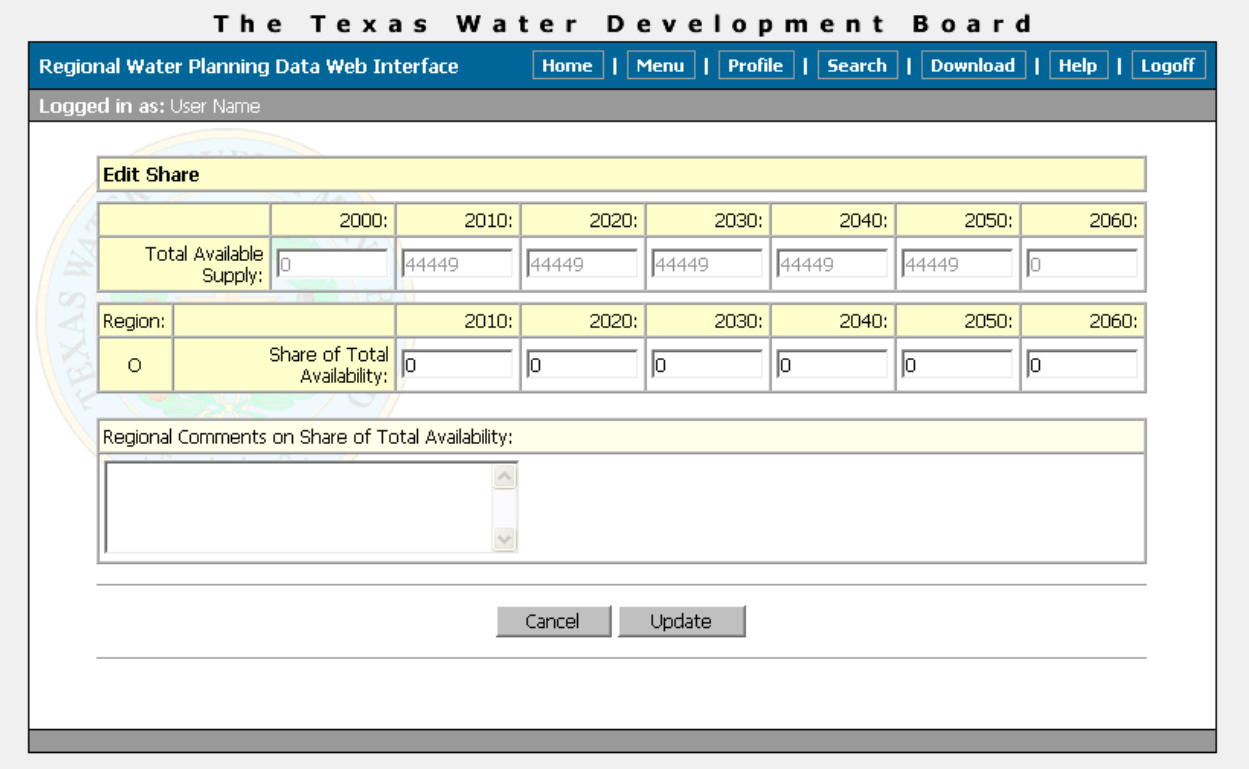


Figure 6.5- The Edit Source Share Form

6.1.5 Requesting to Add a Source Share

To request to add a source share, click on the **Request to Add Source Share** button on the View Source or Edit Source forms. This will load the Request to Add Source Share form, pictured in figure 6.6. There are five editable fields on this form. They are listed as follows:

- **Region requesting to add a source share**
- **Region**
- **Share of Total Availability:** 2010, 2020, 2030, 2040, 2050, and 2060
- **Regional Comments on Share of Total Availability**
- **Comments for this Request**

Complete all fields as fully as possible. To submit the request for review, click the **Request** button. Your request will be reviewed and you will be notified when the review process is complete. To cancel the request and return to the form you were previously viewing, click on the **Back** button. To reset the form and erase what you have entered, click on the **Reset** button.

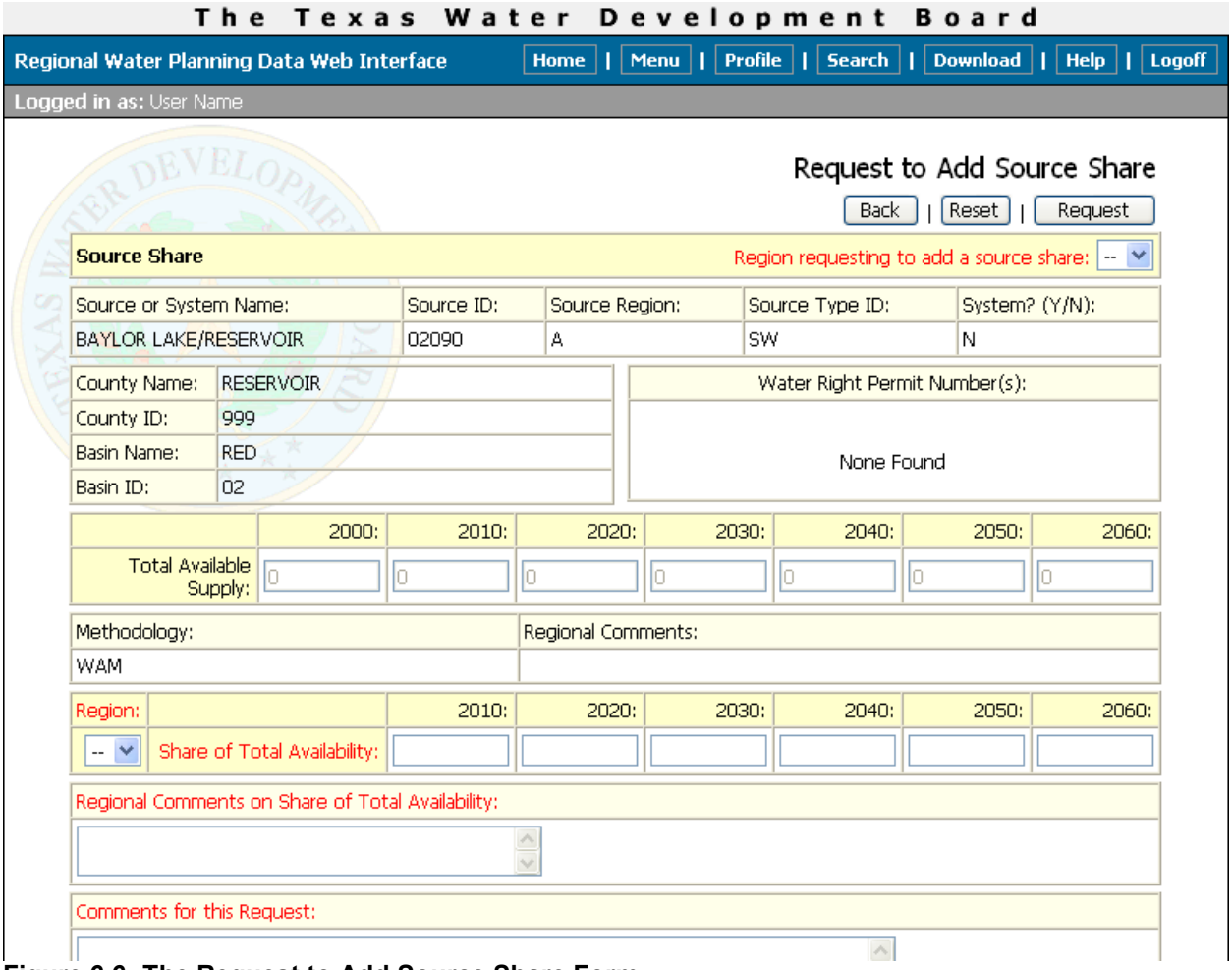


Figure 6.6- The Request to Add Source Share Form

6.1.6 Requesting to Add a Source

To request to add a source, select the **Add Source Request** link from the **Menu** button (**Menu > Sources > Add Source Request**). This will load the Request to Add Source form, pictured in figure 6.7. There are 14 editable fields on this form. They are listed as follows:

- **Region requesting to add a source**
- **Source Status**
- **Source or System Name**
- **Source Region**
- **Source ID**
- **Source Type ID**
- **System? (Y/N)**
- **County Name**
- **Basin Name**
- **Total Available Supply:** 2010, 2020, 2030, 2040, 2050, and 2060

- **Was Total Availability Reduced Due To Water Quality Considerations? (Y/N)**
- **Methodology**
- **Regional Comments**
- **Comments for this Request**

Complete all fields as fully as possible. The **Source Status** field contains three status types. Select "**Current Source Only**" if the source is only to be used as a current source of supply. Select "**Current and Future Source**" if the source is to be used as a current source of supply and as part of a Water Management Strategy as a future source of supply. Select "**Future Source Only**" if the source is only to be used as part of a Water Management Strategy as a future source of supply.

If you do not know the **Source ID**, you may leave this field blank. It will be completed during the review process by the Regional Water Planning Data Team.

If a source is a reservoir, select "**Reservoir**" from the **County Name** list. The **County ID** and the **Basin ID** fields will be populated when the respective Names are selected.

To submit the request for review, click the **Request** button. Your request will be reviewed and you will be notified when the review process is complete. To cancel the request and return to the form you were previously viewing, click on the **Back** button. To reset the form and erase what you have entered, click on the **Reset** button.

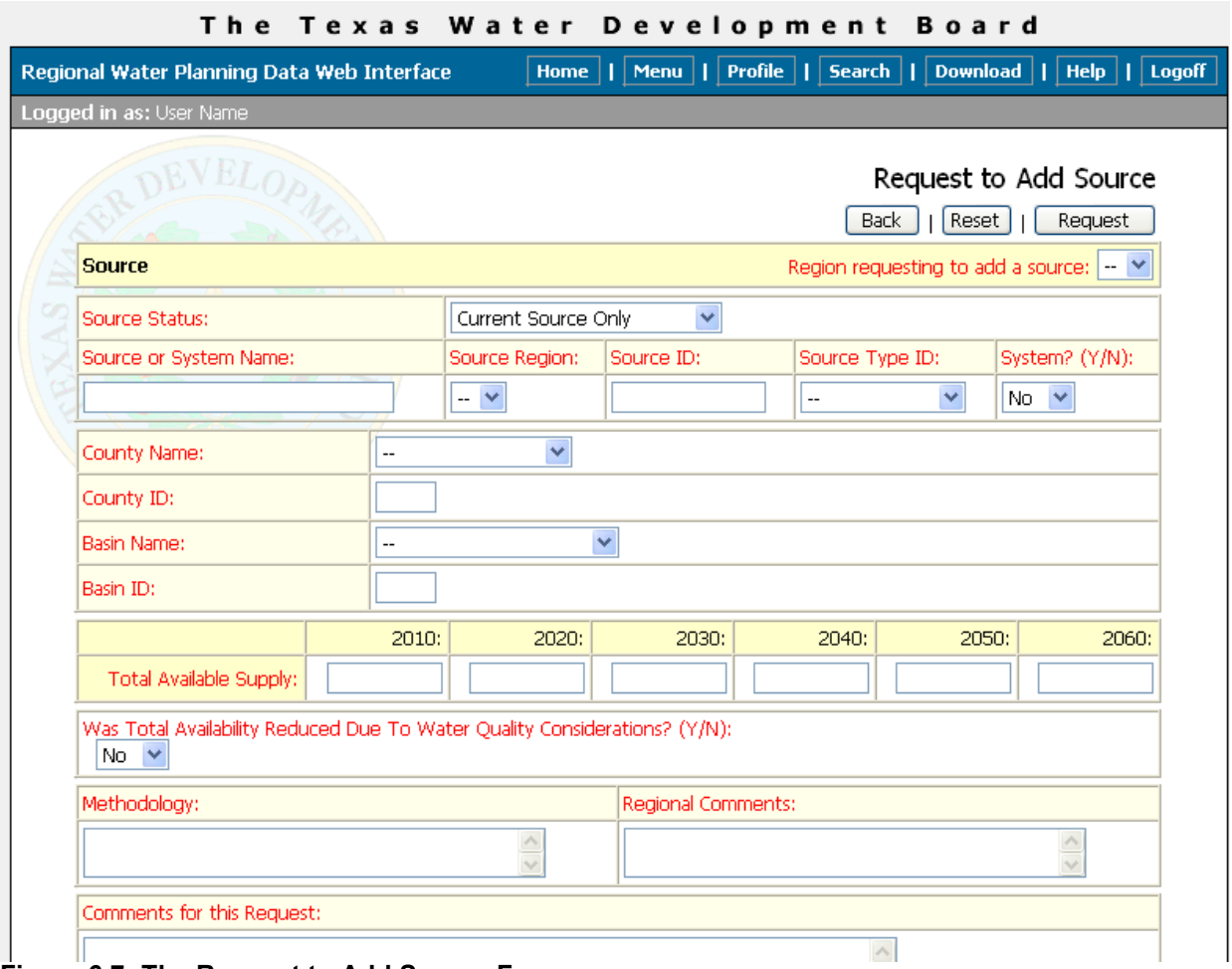


Figure 6.7- The Request to Add Source Form

6.2 Water User Groups

The data within the Water User Groups forms include all required WUGs for each regional water planning area. Please refer to Exhibit B for further explanation of Water User Groups.

6.2.1 View/Edit WUGs Main Form

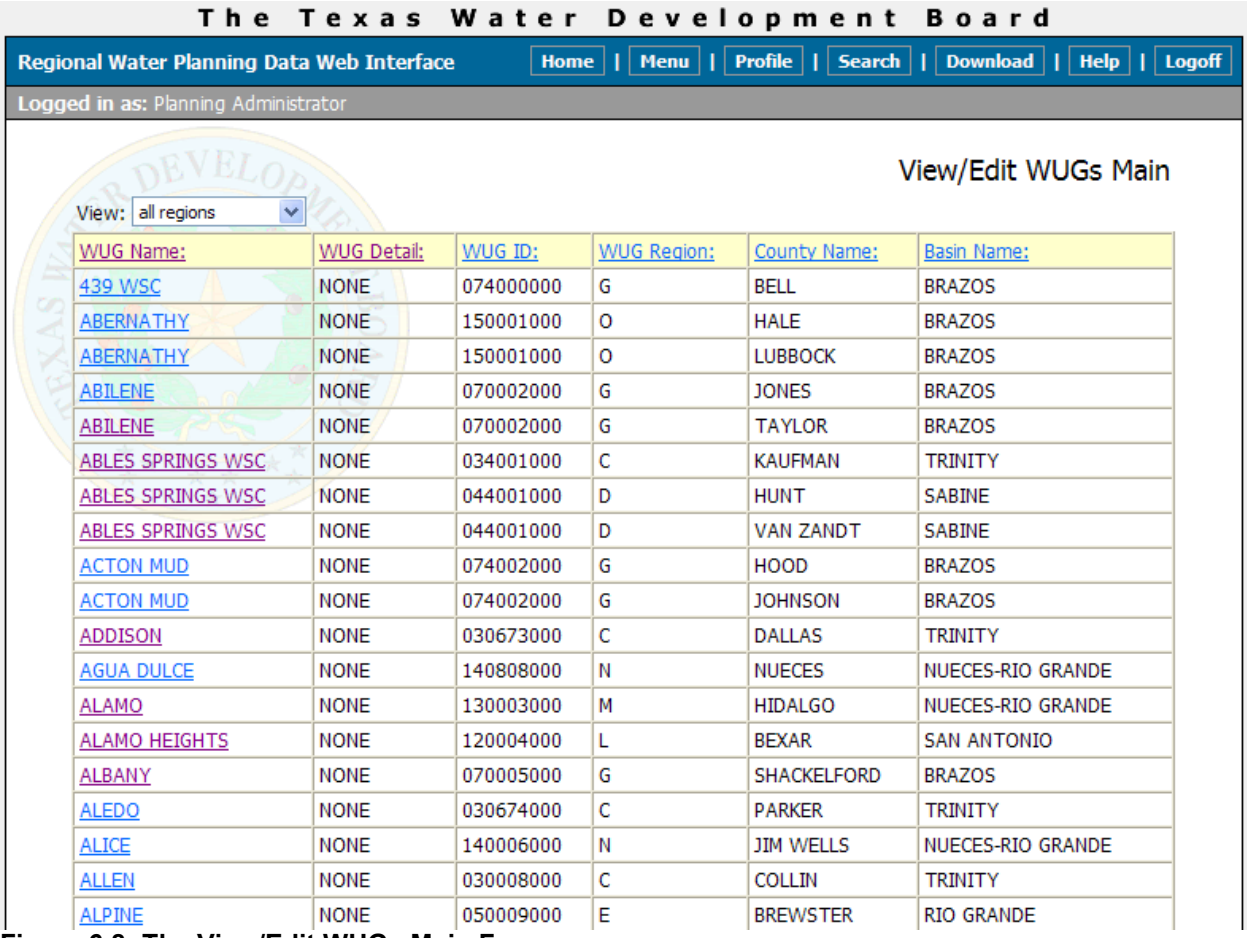
The View/Edit WUGs Main form, which can be accessed from the **Menu** button (**Menu > Water User Groups > View/Edit WUGs**) and is shown in Figure 6.8, contains all the WUGs available in the database.

6.2.1.1 Sorting the WUGs List

You may sort this list by WUG Name, WUG Detail, WUG ID, WUG Region, County Name, or Basin Name, by clicking on the appropriate column header. Or, if you would prefer, you may search for a WUG by clicking the **Search Water User Groups(s)** link on the **Search** button. This feature is further described in section 8.2.

6.2.1.2 Limiting the Records in the WUGs List

If you are an approved consultant with editing rights, you may also limit the number of records in the list by selecting the view choice from the dropdown box above the table. You may select to view records either by all regions or by just your region(s).



WUG Name:	WUG Detail:	WUG ID:	WUG Region:	County Name:	Basin Name:
439 WSC	NONE	074000000	G	BELL	BRAZOS
ABERNATHY	NONE	150001000	O	HALE	BRAZOS
ABERNATHY	NONE	150001000	O	LUBBOCK	BRAZOS
ABILENE	NONE	070002000	G	JONES	BRAZOS
ABILENE	NONE	070002000	G	TAYLOR	BRAZOS
ABLES SPRINGS WSC	NONE	034001000	C	KAUFMAN	TRINITY
ABLES SPRINGS WSC	NONE	044001000	D	HUNT	SABINE
ABLES SPRINGS WSC	NONE	044001000	D	VAN ZANDT	SABINE
ACTON MUD	NONE	074002000	G	HOOD	BRAZOS
ACTON MUD	NONE	074002000	G	JOHNSON	BRAZOS
ADDISON	NONE	030673000	C	DALLAS	TRINITY
AGUA DULCE	NONE	140808000	N	NUECES	NUECES-RIO GRANDE
ALAMO	NONE	130003000	M	HIDALGO	NUECES-RIO GRANDE
ALAMO HEIGHTS	NONE	120004000	L	BEXAR	SAN ANTONIO
ALBANY	NONE	070005000	G	SHACKELFORD	BRAZOS
ALEDO	NONE	030674000	C	PARKER	TRINITY
ALICE	NONE	140006000	N	JIM WELLS	NUECES-RIO GRANDE
ALLEN	NONE	030008000	C	COLLIN	TRINITY
ALPINE	NONE	050009000	E	BREWSTER	RIO GRANDE

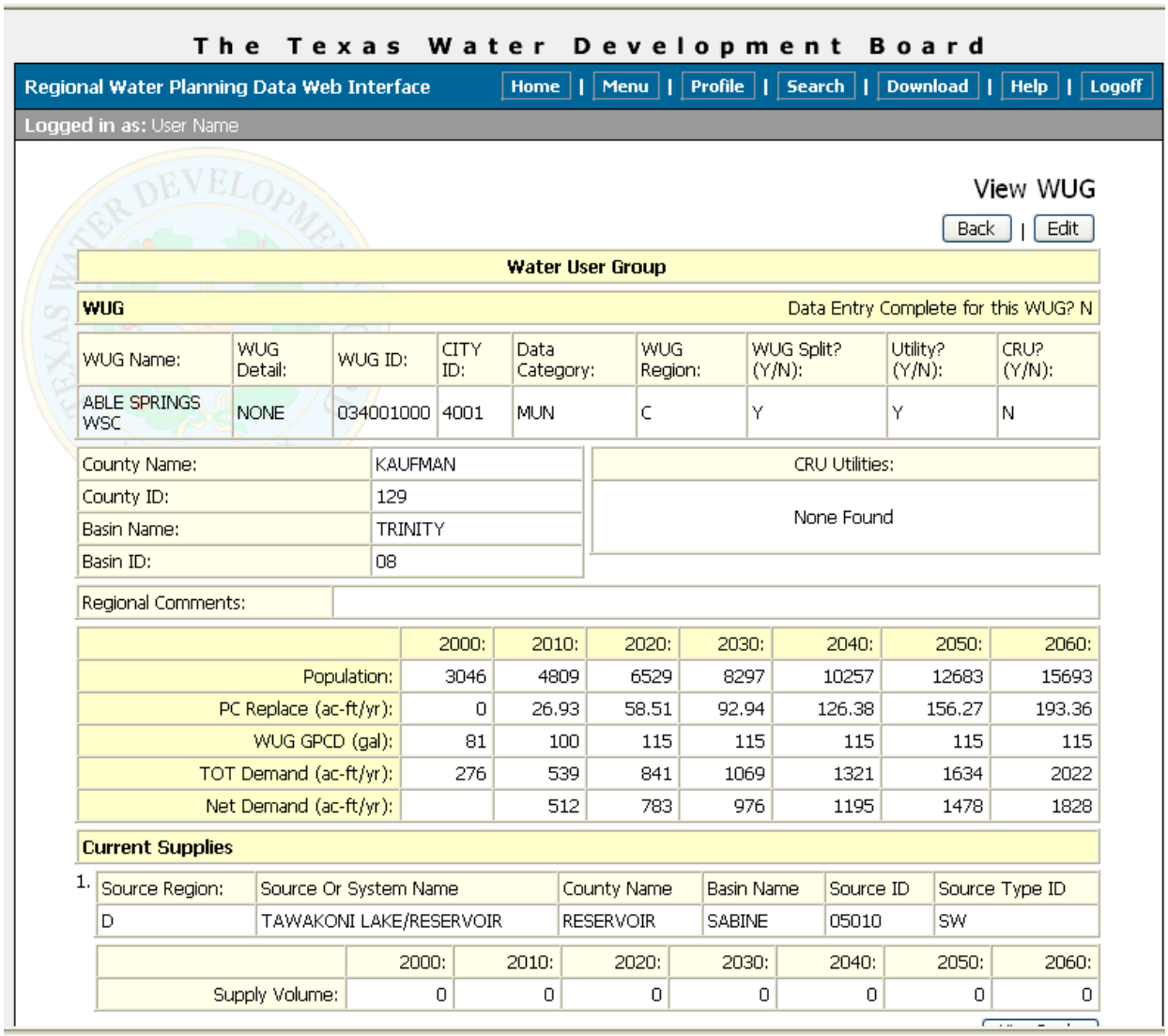
Figure 6.8- The View/Edit WUGs Main Form

6.2.1.3 Viewing a WUG Detail

To view detailed information about a specific WUG or to edit a WUG, click on the specific WUG name that is listed in the WUG name column.

6.2.2 View WUG Form

The View WUG form, containing the details of a specific WUG and pictured in figure 6.9, loads when you select an individual WUG from the View/Edit WUGs Main form. There is no editing on this form.



The Texas Water Development Board

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: User Name

View WUG

Back | Edit

Water User Group

WUG Data Entry Complete for this WUG? N

WUG Name:	WUG Detail:	WUG ID:	CITY ID:	Data Category:	WUG Region:	WUG Split? (Y/N):	Utility? (Y/N):	CRU? (Y/N):
ABLE SPRINGS WSC	NONE	034001000	4001	MUN	C	Y	Y	N

County Name:	KAUFMAN
County ID:	129
Basin Name:	TRINITY
Basin ID:	08

CRU Utilities: None Found

Regional Comments:

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Population:	3046	4809	6529	8297	10257	12683	15693
PC Replace (ac-ft/yr):	0	26.93	58.51	92.94	126.38	156.27	193.36
WUG GPCD (gal):	81	100	115	115	115	115	115
TOT Demand (ac-ft/yr):	276	539	841	1069	1321	1634	2022
Net Demand (ac-ft/yr):		512	783	976	1195	1478	1828

Current Supplies

	Source Region:	Source Or System Name	County Name	Basin Name	Source ID	Source Type ID
1.	D	TAWAKONI LAKE/RESERVOIR	RESERVOIR	SABINE	05010	SW

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Volume:	0	0	0	0	0	0	0

Figure 6.9- The View WUG Form

6.2.2.1 Returning to the View/Edit WUGs Main Form

If you do not have editing rights to the region in which this WUG is located, you will only have the **Back** button in the upper right-hand region of the screen. This button will take you back to the View/Edit WUGs Main form when clicked.

6.2.2.2 Editing a WUG

If you are an approved consultant with editing rights to the region in which the specific WUG is located, you will have an **Edit** button in the upper right-hand region of your screen. When you click this button you will be taken to the Edit WUG form, described in section 6.2.3, where you may make changes to this WUG.

6.2.2.3 Viewing a Supply

All users may view details about a specific WUG supplier by clicking on the **View Supply** button on the View WUG form. Clicking this button will take you to the View WUG Supply form, shown in figure 6.10. To return to the View WUG form you will click on the **Back** button in the upper right-hand region of the screen.

The Texas Water Development Board

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: User Name

View WUG Supply

Back

Water User Group

WUG Region:	WUG Name:	County Name:	Basin Name:
C	ABLE SPRINGS WSC	KAUFMAN	TRINITY

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
WUG GPCD (gal):	81	100	115	115	115	115	115
Net Demand (ac-ft/yr):		512	783	976	1195	1478	1828

Current Supplies

Source Name:	Source ID:	Source Region:	Source Type ID:	System? (Y/N):
TAWAKONI LAKE/RESERVOIR	05010	D	00	N

County Name:	RESERVOIR
County ID:	999
Basin Name:	SABINE
Basin ID:	05

Water Right Permit Numbers:
None Found

IBT? (Y/N):	Regional Comments:
Y	Receives water from contract with SRA and delivered through MacBee WSC

Contract? (Y/N):	Contract Expiration:	Seller's Name:	Seller's Alpha:	WWP ID:
Y	1/1/2100	SABINE RIVER AUTHORITY	80	120109114

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Volume:	0	0	0	0	0	0	0
Limiting Factor:		A	A	A	A	A	A

Figure 6.10- The View WUG Supply Form

6.2.2.4 Viewing a WUG WMS

All users may view details about a specific WUG WMS by clicking on the **View WMS** button on the View WUG form. Clicking this button will take you to the View WUG WMS form, pictured in figure 6.11. This form is further described in section 6.4.4.1. To return to the View WUG form you will click on the **Back** button in the upper right-hand region of the screen.

The Texas Water Development Board

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View WUG WMS

Back

WMS Project		
Sponsor Region:	Project ID:	WMS Project Name:
L	L2	EDWARDS TRANSFERS

Source					
Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
L	EDWARDS-BFZ AQUIFER	UVALDE	NUECES	23211	GW
Water Quality Improvements:			Online Date:		
NO WATER QUALITY IMPROVEMENTS			2010		

WUG					
WUG Region:	WUG Name:	WUG ID:	WUG Detail:	County Name:	Basin Name:
L	ALAMO HEIGHTS	120004000	NONE	BEXAR	SAN ANTONIO

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WUG:	515	578	580	576	590	614

Include Total Strategy Supply Volume for this WUG in WMS Source Total Yield Rollup? Y

Recommendation Type?	Is Used to Meet Need?		IBT?
Recommended	Y		Y
Seller's Name:	Seller's Alpha:	WWP ID:	WUG ID:

Recursive WMS Supply?:	Recursive WMS Project ID:
N	

Include WUG WMS Cost numbers in WMS Source Cost Rollup? Y

Note: Costing data is based on WUG ID.						
	2010	2020	2030	2040	2050	2060
WUG WMS Annual Cost:	$69,525.00	$78,030.00	$78,300.00	$77,760.00	$79,650.00	$82,890.00

WUG Capital Cost:	$0.00
Term of Debt Service:	0

Figure 6.11- The View WUG WMS Form

6.2.3 Edit WUG Form

The Edit WUG form, shown in figure 6.12 and figure 6.13, is only available to approved consultants with editing rights. All fields labeled in red are editable fields.

Note that there are only three editable fields on this form. They are listed as follows:

- **Data entry complete for this WUG?**
- **C.R.U. Utilities**
- **Regional Comments**

In addition to the three editable fields, there are three supply-editing options and four WUG WMS editing options.
For supplies, you may first edit a supply by clicking on the **Edit Supply** button. Second, by clicking on the **Delete Supply** button, you may delete a supply. Third, you may add a supply by clicking on the **Add Supply** button.

For Water Management Strategies, you may first view a WUG WMS by clicking on the **View** WMS button. Second, to edit a WUG WMS, click on the **Edit WMS** button. Third, to delete a WUG WMS, click on the **Delete WMS** button. Finally, you may add a WUG WMS by clicking on the **Add WMS(s)** button.

In addition to the editable fields on the Edit WUG form, each of these features is described in the following sections.

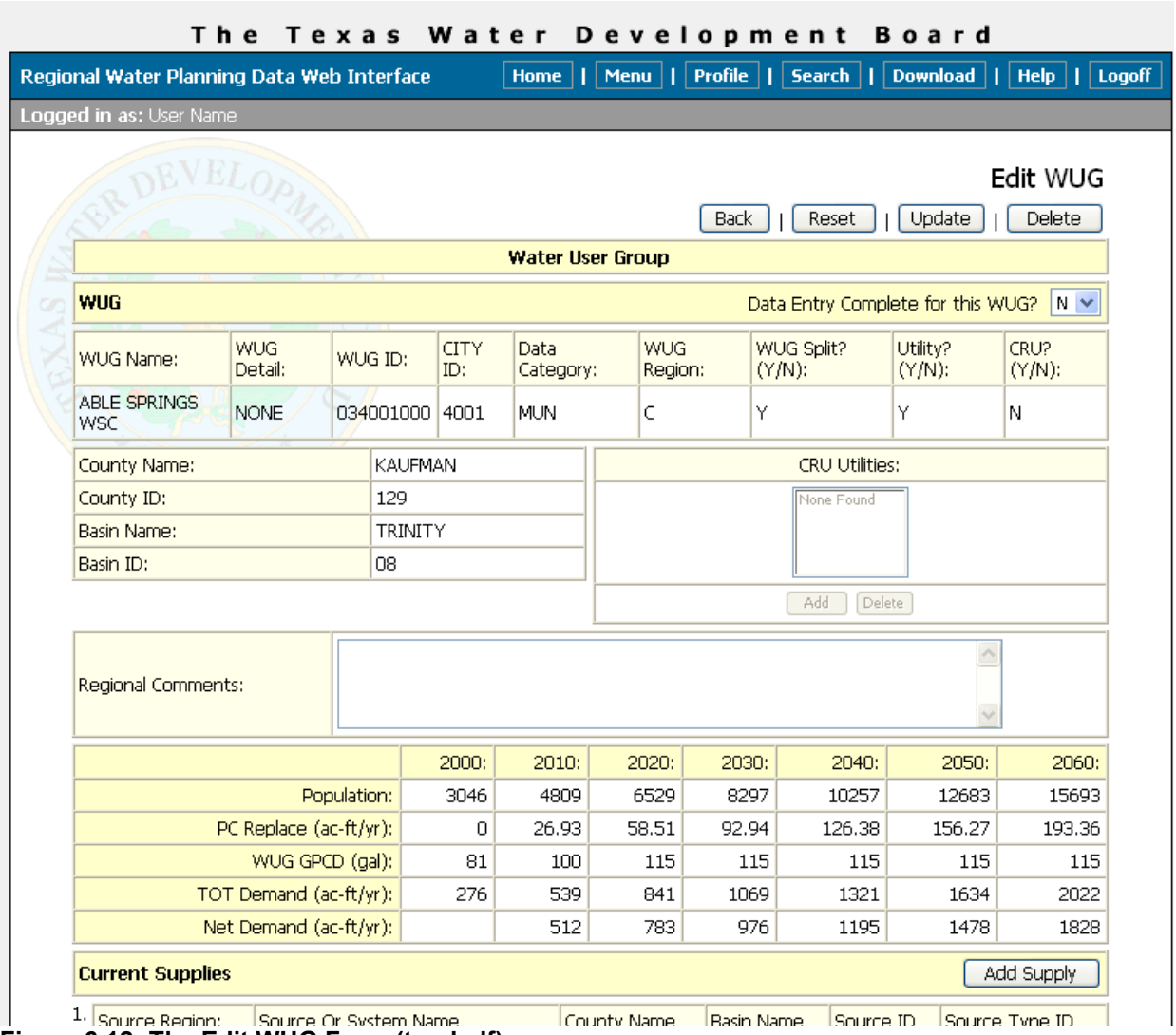
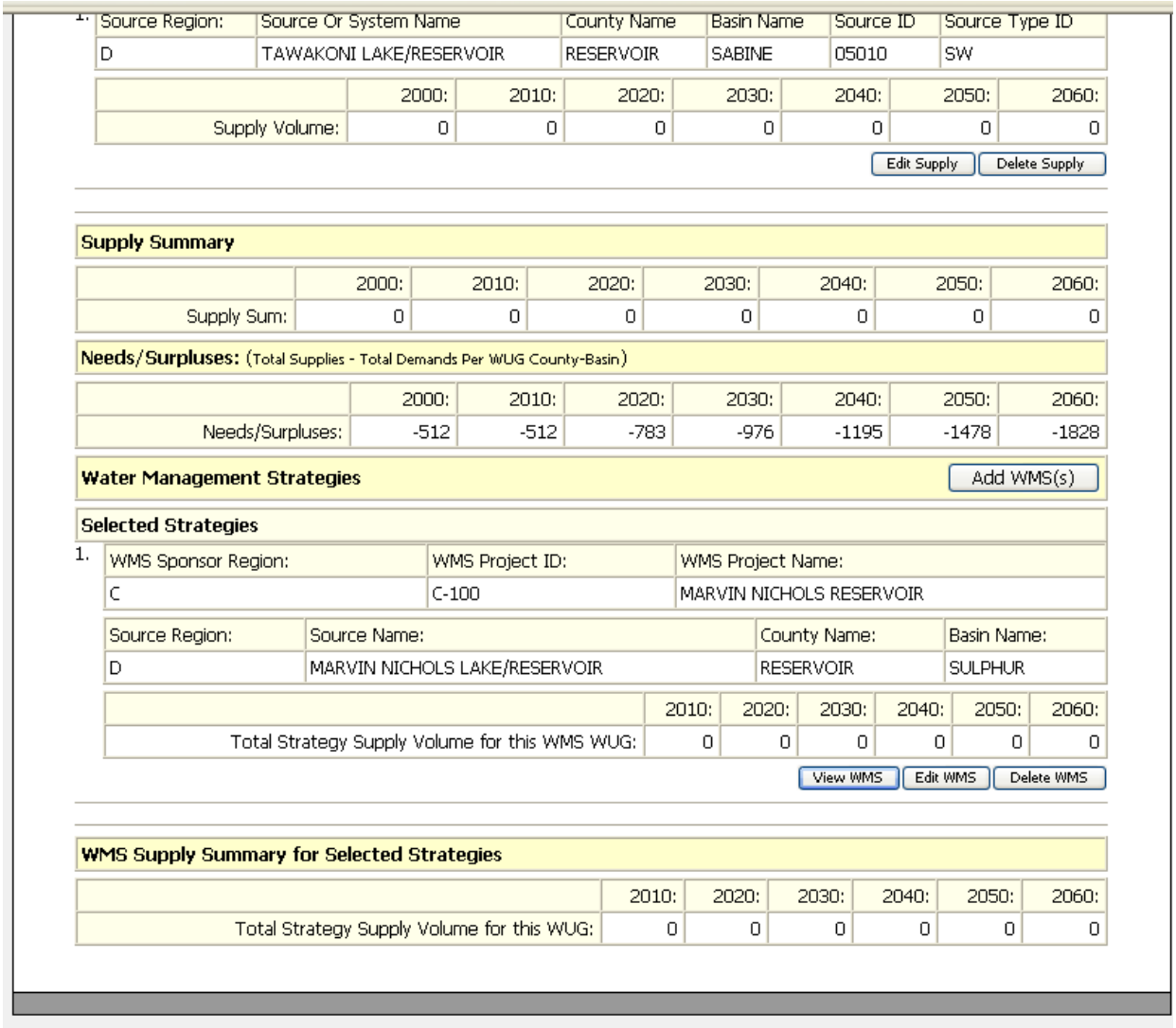


Figure 6.12- The Edit WUG Form (top half)



1.

Source Region:	Source Or System Name	County Name	Basin Name	Source ID	Source Type ID
D	TAWAKONI LAKE/RESERVOIR	RESERVOIR	SABINE	05010	SW

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Volume:	0	0	0	0	0	0	0

Edit Supply | Delete Supply

Supply Summary

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Sum:	0	0	0	0	0	0	0

Needs/Surpluses: (Total Supplies - Total Demands Per WUG County-Basin)

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Needs/Surpluses:	-512	-512	-783	-976	-1195	-1478	-1828

Water Management Strategies Add WMS(s)

Selected Strategies

1.

WMS Sponsor Region:	WMS Project ID:	WMS Project Name:
C	C-100	MARVIN NICHOLS RESERVOIR

Source Region:	Source Name:	County Name:	Basin Name:
D	MARVIN NICHOLS LAKE/RESERVOIR	RESERVOIR	SULPHUR

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WMS WUG:	0	0	0	0	0	0

View WMS | Edit WMS | Delete WMS

WMS Supply Summary for Selected Strategies

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WUG:	0	0	0	0	0	0

Figure 6.13- The Edit WUG Form (bottom half)

6.2.3.1 Returning to the View/Edit WUGs Main Form

To return to the View/Edit WUGs Main form, click the **Back** button in the upper right-hand region of the screen.

6.2.3.2 C.R.U. Utilities

The C.R.U. Utilities feature has **Add** and **Delete** buttons that are only available if the WUG is a C.R.U. If you have several WUGs that meet the criteria set out in Exhibit B for creating a C.R.U., you may request to create a C.R.U. from the TWDB.

If your WUG is a C.R.U., you may add utilities by clicking on the **Add** button below the C.R.U. Utilities box. When you click on this button a pop-up window will appear like the one shown in figure 6.14. To add a utility, follow the directions in the window.

Once you have submitted a utility, or there are utilities listed in the box, you may delete one by selecting the utility and clicking the **Delete** button below the C.R.U. Utilities box. This action will cause another pop-up window to appear asking if you are sure you want to delete the utility. Click the **OK** button to delete the utility or the **Cancel** button if you do not wish to delete it.

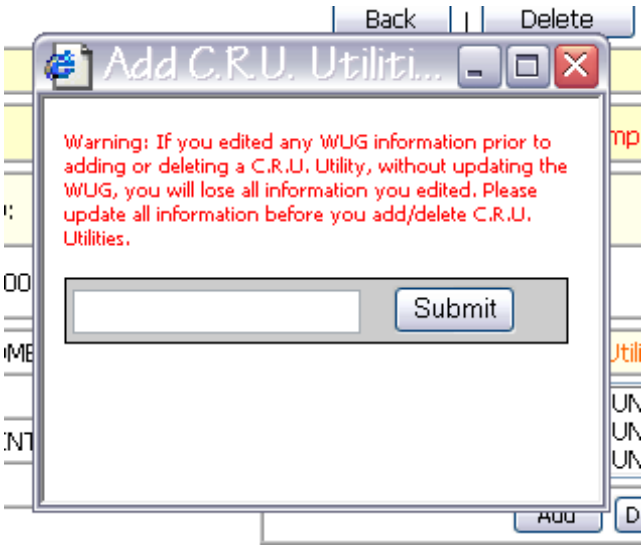


Figure 6.14- The Add C.R.U. Utility Pop-Up Box

6.2.3.3 The Edit WUG Supply Form

When you click on the **Edit Supply** button you will be directed to the Edit WUG Supply form, pictured in figure 6.15. All editable fields are labeled in red.

There are eight different editable fields listed as follows:

- **Water Right Permit Numbers**
- **IBT? (Y/N)**
- **Regional Comments**
- **Contract? (Y/N)**
- **Contract Expiration**
- **WWP ID**
- **Supply Volume:** 2010, 2020, 2030, 2040, 2050, 2060 (2000 is not editable)
- **Limiting Factor:** 2010, 2020, 2030, 2040, 2050, 2060 (2000 is not editable)

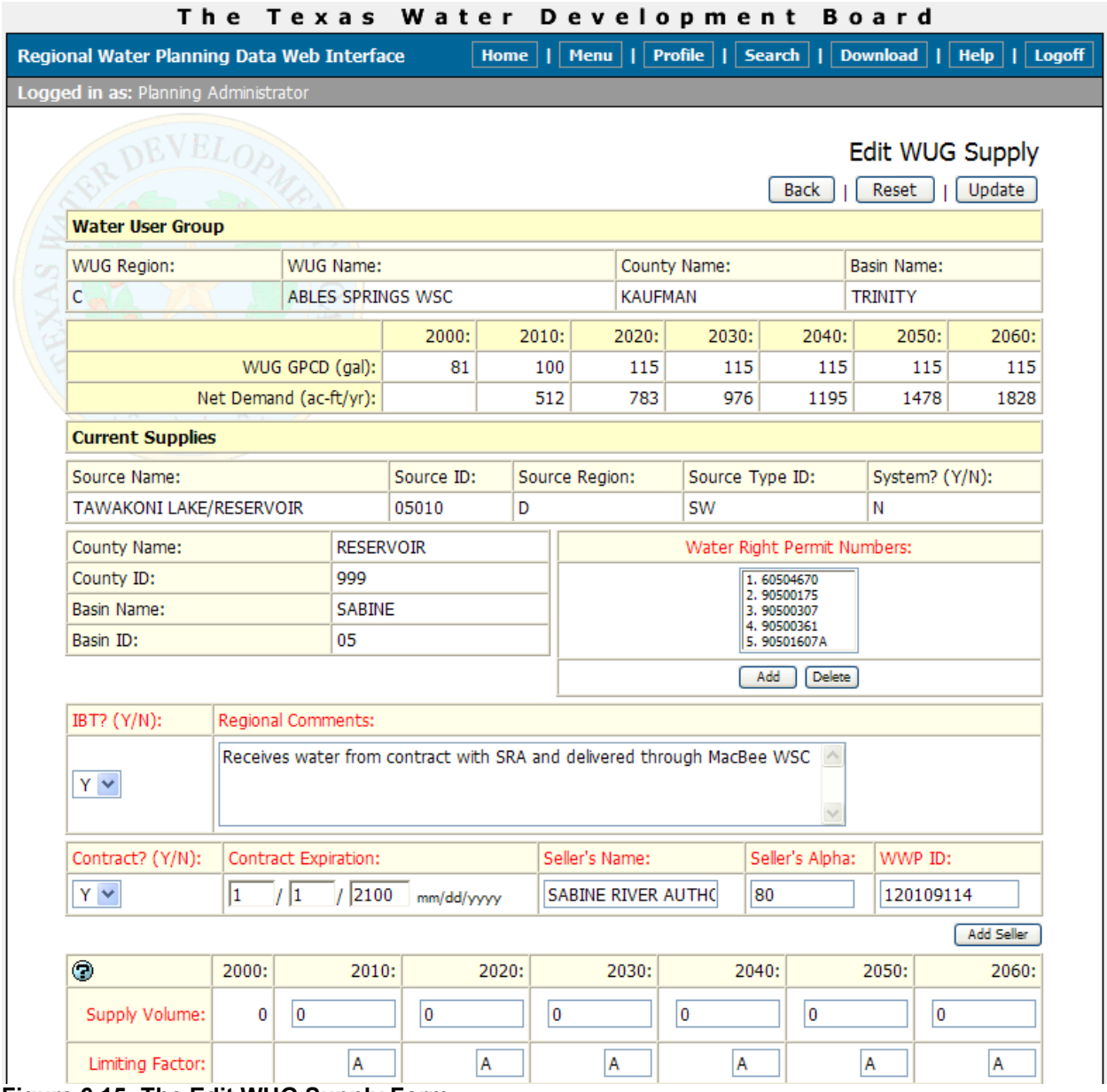


Figure 6.15- The Edit WUG Supply Form

6.2.3.5.1 Adding and Deleting a Water Right Number

To add a water right number to a supply click on the **Add** button under the water right permit numbers box. You will then be taken to the Add WUG Supply Water Right form. If there are water right numbers available for the supply, you will see a table listing all the numbers with check boxes beside each number, as shown in figure 6.16. You then will check each water right number you want to add to the supply and click the **Add Water Right** button.

If there are no water right numbers for the supply, the Add WUG Supply Water Right form will be like the form pictured in figure 6.17. You will be given a message that there are no water rights available for the supply. If you know that the supply has a water right number(s) that is not listed, you must return to the Source forms and add the water right there.

To delete a water right number, select the number you wish to delete and click the **Delete** button under the water right permit numbers box on the Edit Supply form.

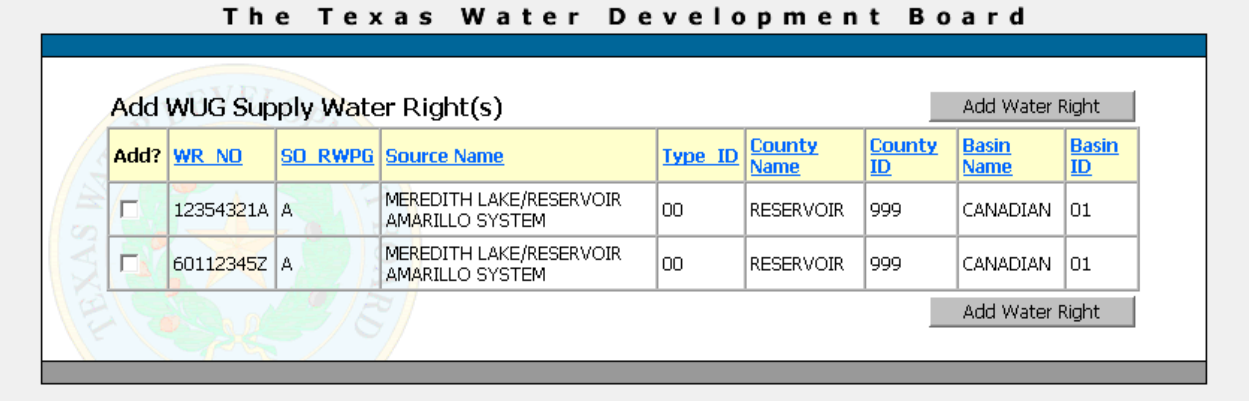


Figure 6.16- The Add WUG Supply Water Right(s) with Records Found

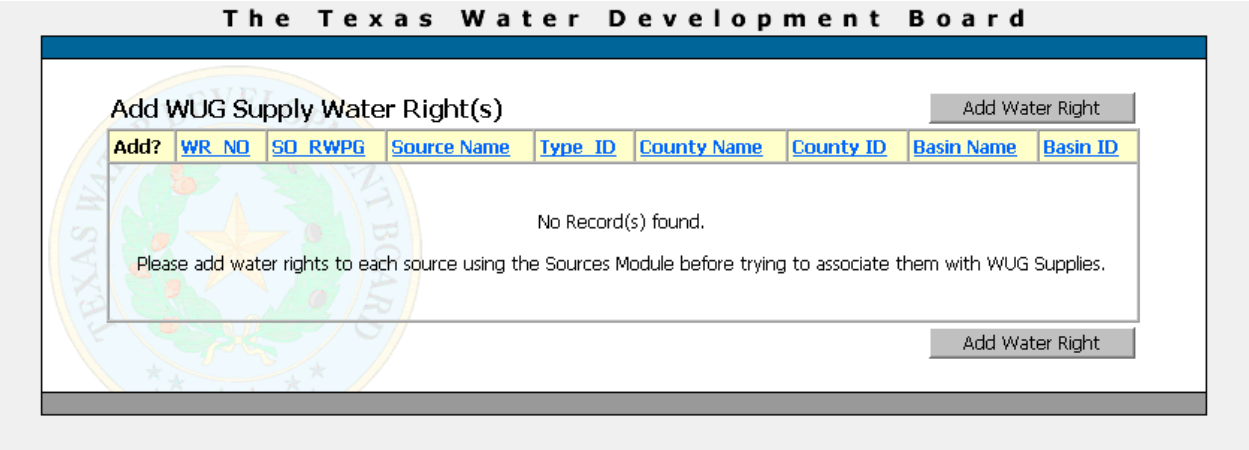


Figure 6.17- The Add WUG Supply Water Right(s) with No Records Found

6.2.3.5.2 Editing a Supply

To continue editing the supply, you will select yes or no from the drop-down box for the **IBT?** field. If you need to make additional comments or add additional information you will enter these in the **Regional Comments** field. You will then select Yes or No from the **Contract?** drop-down box. If you answer yes to this question you will need to enter the **Contract Expiration** date. Next, you will give the WWP ID in the **WWP ID** field.

Finally, you will complete the **Supply Volume** and **Limiting Factor** fields for the years 2010, 2020, 2030, 2040, 2050, and 2060. If you have any questions about the values to be submitted for any of these fields please refer to Exhibit B.

6.2.3.5.3 Resetting the Values on the Edit WUG Supply Form

If you would like to reset the values on the form back to the original values pulled from the database, click the **Reset** button in the upper right-hand region of the screen. This button will clear all data that you have entered on the form.

6.2.3.5.4 Submitting Your Changes

Once you have entered all the values for the supply, you may submit and save your values by clicking on the **Update** button in the upper right-hand region of your screen. This action will save your changes.

6.2.3.4 Deleting a Supply

When you click on the **Delete Supply** button on the Edit WUG form, you will see a pop-up box that will ask you if you are sure you want to delete that supply. If you want to continue and delete the supply, click the **OK** button. If you do not want to delete the supply, click on the **Cancel** button.

6.2.3.5 Adding a Supply

When you click on the **Add Supply** button on the Edit WUG form, a new window will open with a listing of available supplies as pictured in figure 6.18. You can select as many supplies as you would like by clicking the checkbox beside each supplier's name. You may also search for a specific supply by clicking on the **Search** link at the top of the form. This feature is explained further in the next section. Once you have selected the supply or supplies that you want to add, click the **Add Supply** button. This will add the supply/supplies to your WUG and return you to the Edit WUG form.

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Add WUG Supply

Search?

Add Supply

Add?	Region	Name	County	Basin	Source ID	Type ID
☐	A	LIVESTOCK LOCAL SUPPLY	DALLAM	CANADIAN	99701056	SW
☐	A	LIVESTOCK LOCAL SUPPLY	GRAY	CANADIAN	99701090	SW
☐	A	LIVESTOCK LOCAL SUPPLY	HANSFORD	CANADIAN	99701098	SW
☐	A	IRRIGATION LOCAL SUPPLY	HANSFORD	CANADIAN	99601098	SW
☐	A	LIVESTOCK LOCAL SUPPLY	HARTLEY	CANADIAN	99701103	SW
☐	A	LIVESTOCK LOCAL SUPPLY	HEMPHILL	CANADIAN	99701106	SW
☐	A	LIVESTOCK LOCAL SUPPLY	HUTCHINSON	CANADIAN	99701117	SW
☐	A	LIVESTOCK LOCAL SUPPLY	LIPSCOMB	CANADIAN	99701148	SW
☐	A	IRRIGATION LOCAL SUPPLY	LIPSCOMB	CANADIAN	99601148	SW
☐	A	LIVESTOCK LOCAL SUPPLY	MOORE	CANADIAN	99701171	SW
☐	A	OTHER LOCAL SUPPLY	MOORE	CANADIAN	99901171	SW
☐	A	LIVESTOCK LOCAL SUPPLY	OCHILTREE	CANADIAN	99701179	SW
☐	A	LIVESTOCK LOCAL SUPPLY	OLDHAM	CANADIAN	99701180	SW
☐	A	LIVESTOCK LOCAL SUPPLY	POTTER	CANADIAN	99701188	SW
☐	A	IRRIGATION LOCAL SUPPLY	POTTER	CANADIAN	99601188	SW
☐	A	LIVESTOCK LOCAL SUPPLY	RANDALL	CANADIAN	99701191	SW
☐	A	LIVESTOCK LOCAL SUPPLY	ROBERTS	CANADIAN	99701197	SW
☐	A	LIVESTOCK LOCAL SUPPLY	SHERMAN	CANADIAN	99701211	SW
☐	A	IRRIGATION LOCAL SUPPLY	SHERMAN	CANADIAN	99601211	SW
☐	A	PALO DURO LAKE/RESERVOIR	RESERVOIR	CANADIAN	01020	SW

Figure 6.18- The Add WUG Supply Form

6.2.3.6 Searching for a Supply

To search for a supply you will click the **Search** link at the top of the Add WUG Supply form. This will load another form like the one shown in figure 6.19. Follow the directions for the search and then click the **Submit** button. This action will return a list of results for your search. Like the Add WUG Supply form, you may select as many supplies as you would like by clicking on the checkboxes beside each supply name. Once you have selected the supply/supplies that you want to add, click the **Add Supply** button. This will add the supply/supplies to your WUG and return you to the Edit WUG form.

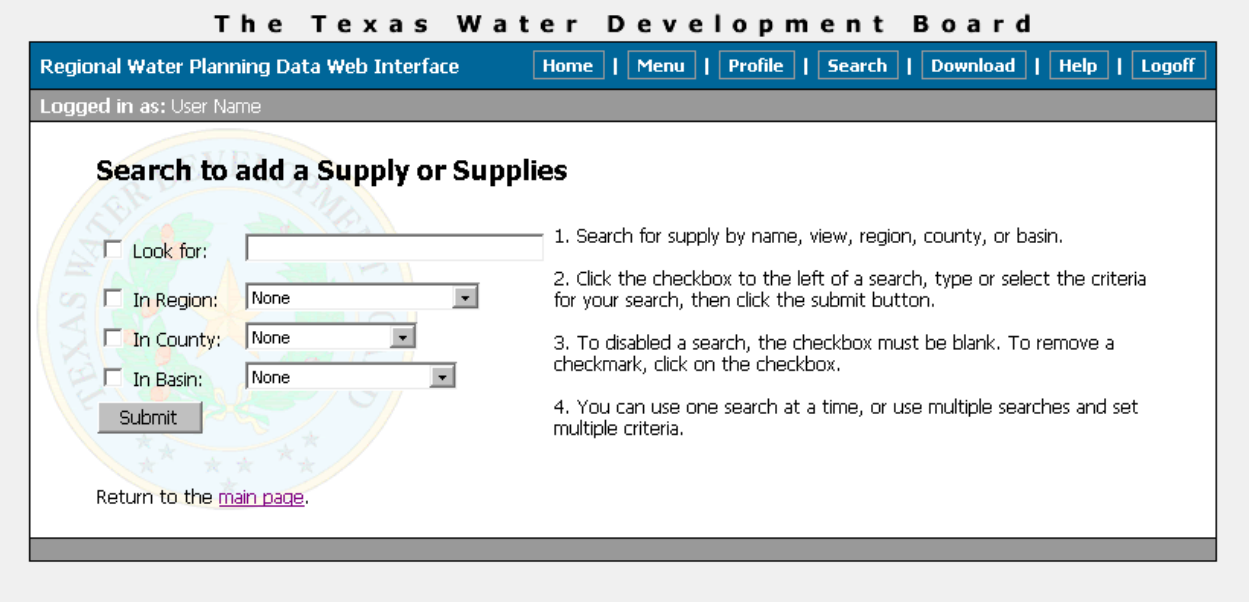
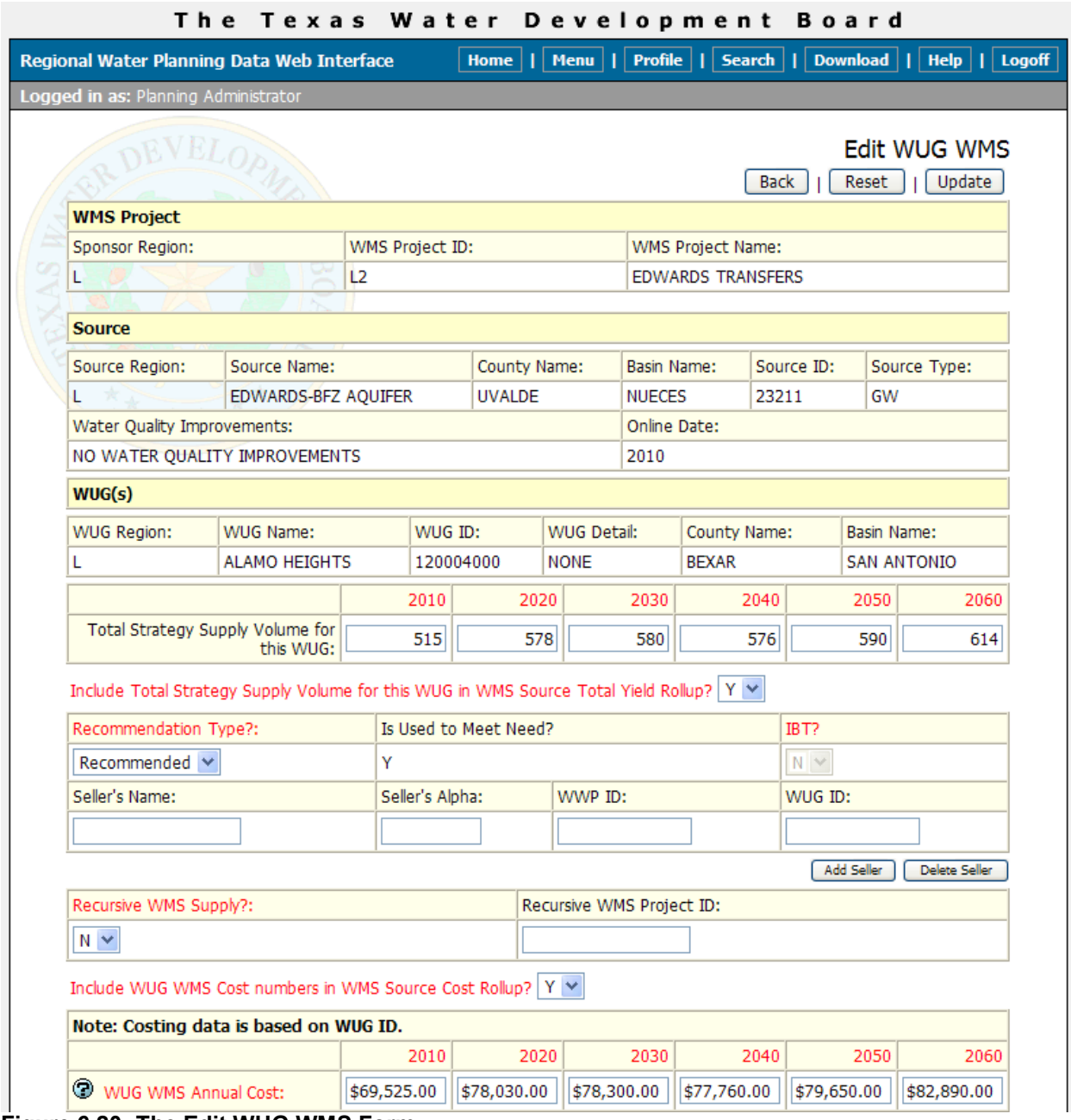


Figure 6.19- The Search for a WUG Supply Form

6.2.3.7 Editing a WUG WMS

When you click on the **Edit WMS** button on the Edit WUG form, the Edit WUG WMS form will load. This form, pictured in figure 6.20, is described further in section 6.4.7.2. To return to the Edit WUG form, click the **Back** button at the top right of the page.



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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

Edit WUG WMS

Back | Reset | Update

WMS Project		
Sponsor Region:	WMS Project ID:	WMS Project Name:
L	L2	EDWARDS TRANSFERS

Source					
Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
L	EDWARDS-BFZ AQUIFER	UVALDE	NUECES	23211	GW
Water Quality Improvements:			Online Date:		
NO WATER QUALITY IMPROVEMENTS			2010		

WUG(s)					
WUG Region:	WUG Name:	WUG ID:	WUG Detail:	County Name:	Basin Name:
L	ALAMO HEIGHTS	120004000	NONE	BEXAR	SAN ANTONIO

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WUG:	515	578	580	576	590	614

Include Total Strategy Supply Volume for this WUG in WMS Source Total Yield Rollup? Y

Recommendation Type?:	Is Used to Meet Need?		IBT?
Recommended	Y		N
Seller's Name:	Seller's Alpha:	WWP ID:	WUG ID:

Add Seller | Delete Seller

Recursive WMS Supply?:	Recursive WMS Project ID:
N	

Include WUG WMS Cost numbers in WMS Source Cost Rollup? Y

Note: Costing data is based on WUG ID.						
	2010	2020	2030	2040	2050	2060
WUG WMS Annual Cost:	$69,525.00	$78,030.00	$78,300.00	$77,760.00	$79,650.00	$82,890.00

Figure 6.20- The Edit WUG WMS Form

6.2.3.8 Deleting a WUG WMS

When you click on the **Delete WMS** button on the Edit WUG form, you will see a pop-up box that will ask you if you are sure you want to delete that WUG WMS. If you want to continue and delete the WUG WMS, click the **OK** button. If you do not want to delete the WUG WMS, click on the **Cancel** button.

6.2.3.9 Adding a WUG WMS

When you click on the **Add WMS** button on the Edit WUG form, a new window will open with the Add WMS Project(s) to WUG form, as pictured in figure 6.21. You can select as many water management strategies as you would like by clicking the checkbox beside each strategy. You may also request to add a new water management strategy by clicking on the **Request to Add WMS Project** link at the top of the form. This feature is explained further in section 6.4.1. Some water management strategies listed may not have sources associated with them so that a WUG may be added. These strategies will have an **Add Source(s)** button instead of a check box. Click on the **Add Source(s)** button to add a source to the strategy. Once the source is added, the Add WMS Project(s) to WUG form will reload with that strategy/source combination listed. You will then be able to add that strategy to the WUG. Once you have selected the water management strategies that you want to add, click the **Add WMS(s)** button. This will add the water management strategies to your WUG and return you to the Edit WUG form.

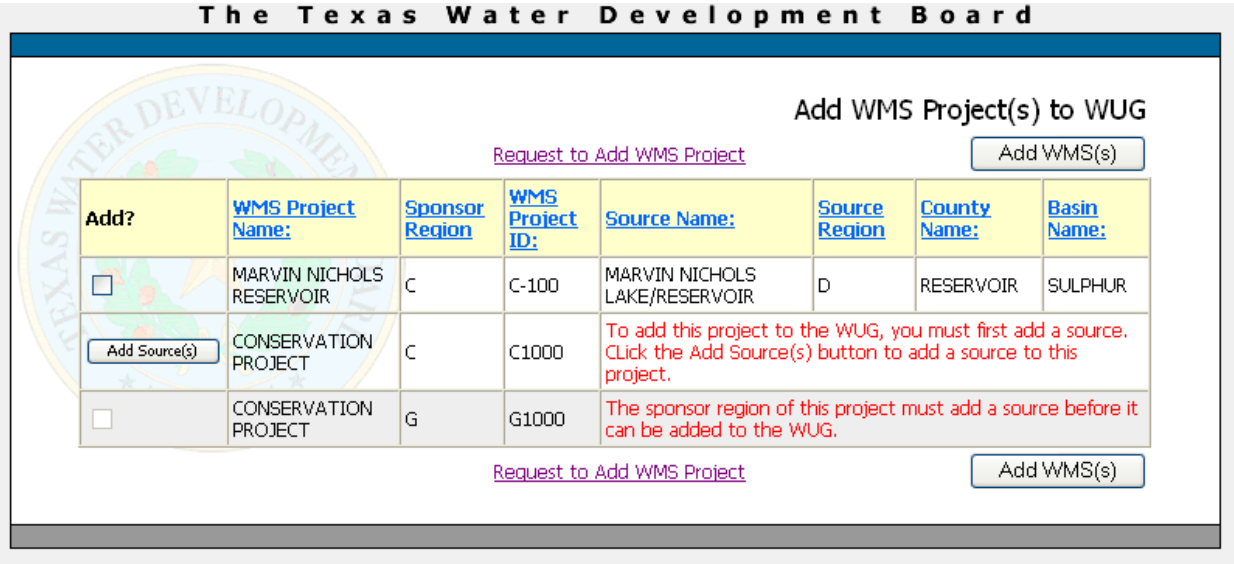


Figure 6.21- The Add WMS Project(s) to WUG Form

6.2.3.10 Submitting your Changes to the WUG

Once you have completed your editing of the WUG, and made any comments needed in the **Regional Comments** box, you may submit your changes by clicking on the **Update** button. If you are completely finished updating the WUG, select yes from the **Edit Complete?** drop-down box directly below the update button. If you are not finished editing the WUG, select no from the **Edit Complete?** drop-down box. Your information will be saved, and you may return later to finished editing the WUG.

6.2.3.11 Requesting that a WUG be Deleted

To request that a WUG be deleted, click on the **Delete** button on the Edit WUG Form. This will load the Delete WUG form, similar to the contact form described in section 10.0. Complete your contact information and click the **Submit** button to submit your request. Your request will be reviewed and you will be notified when the review process is complete. To cancel the request, click the **Cancel** button.

6.2.4 Requesting to Add a Water User Group

To request to add a WUG select the **Add Water User Group Request** link from the **Menu** button (**Menu > Water User Groups > Add Water User Group Request**). This loads the Add WUG Request form, pictured in figure 6.22. There are eight editable fields on this form. They are listed as follows:

- **WUG Region**
- **WUG Name**
- **County Name**
- **Basin Name**
- **Population:** 2010, 2020, 2030, 2040, 2050, 2060
- **WUG GPCD:** 2010, 2020, 2030, 2040, 2050, 2060
- **Total Demand:** 2010, 2020, 2030, 2040, 2050, 2060
- **Comments for this Request**

Complete all fields as fully as possible. To submit the request for review, click the Request **button.** Your request will be reviewed and you will be notified when the review process is complete. To cancel the request, click the **Back** button.

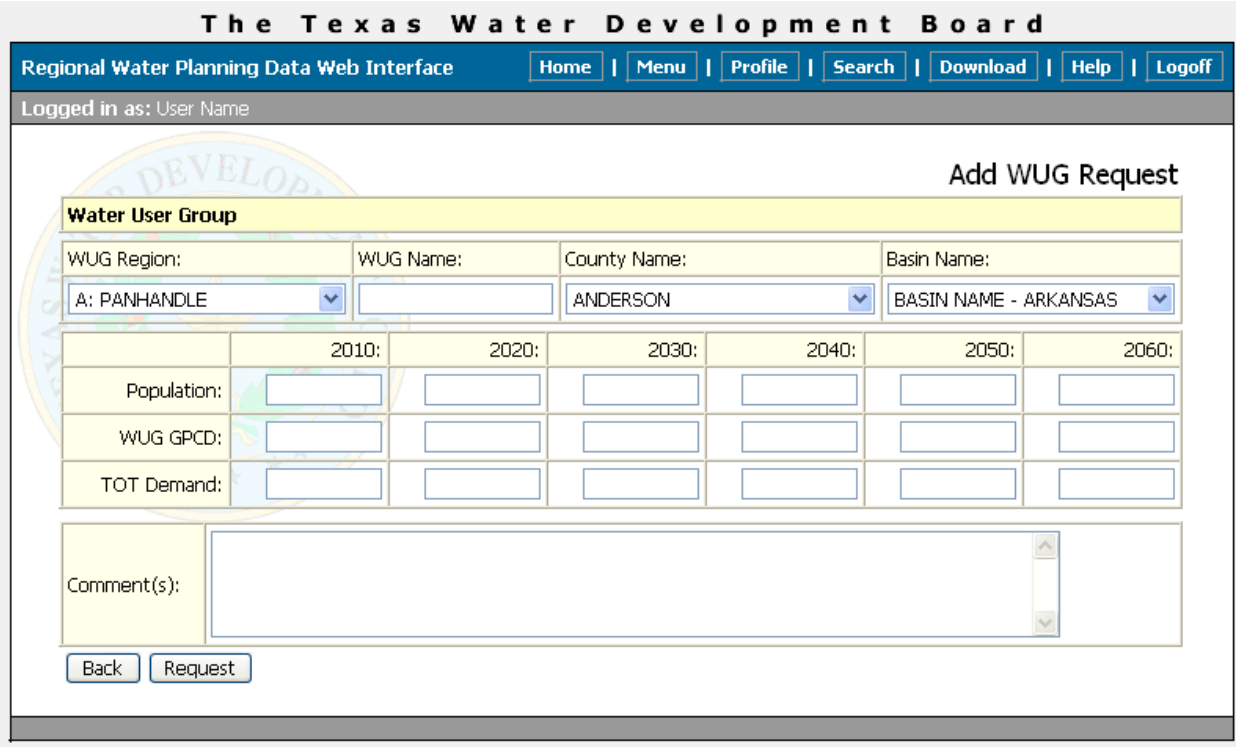


Figure 6.22- The Add WUG Request Form

6.3 Wholesale Water Providers

The data within the Wholesale Water Providers forms include all required WWPs for each regional water planning area. Please refer to Exhibit B for further explanation of Wholesale Water Providers.

6.3.1 View/Edit WWPs Main Form

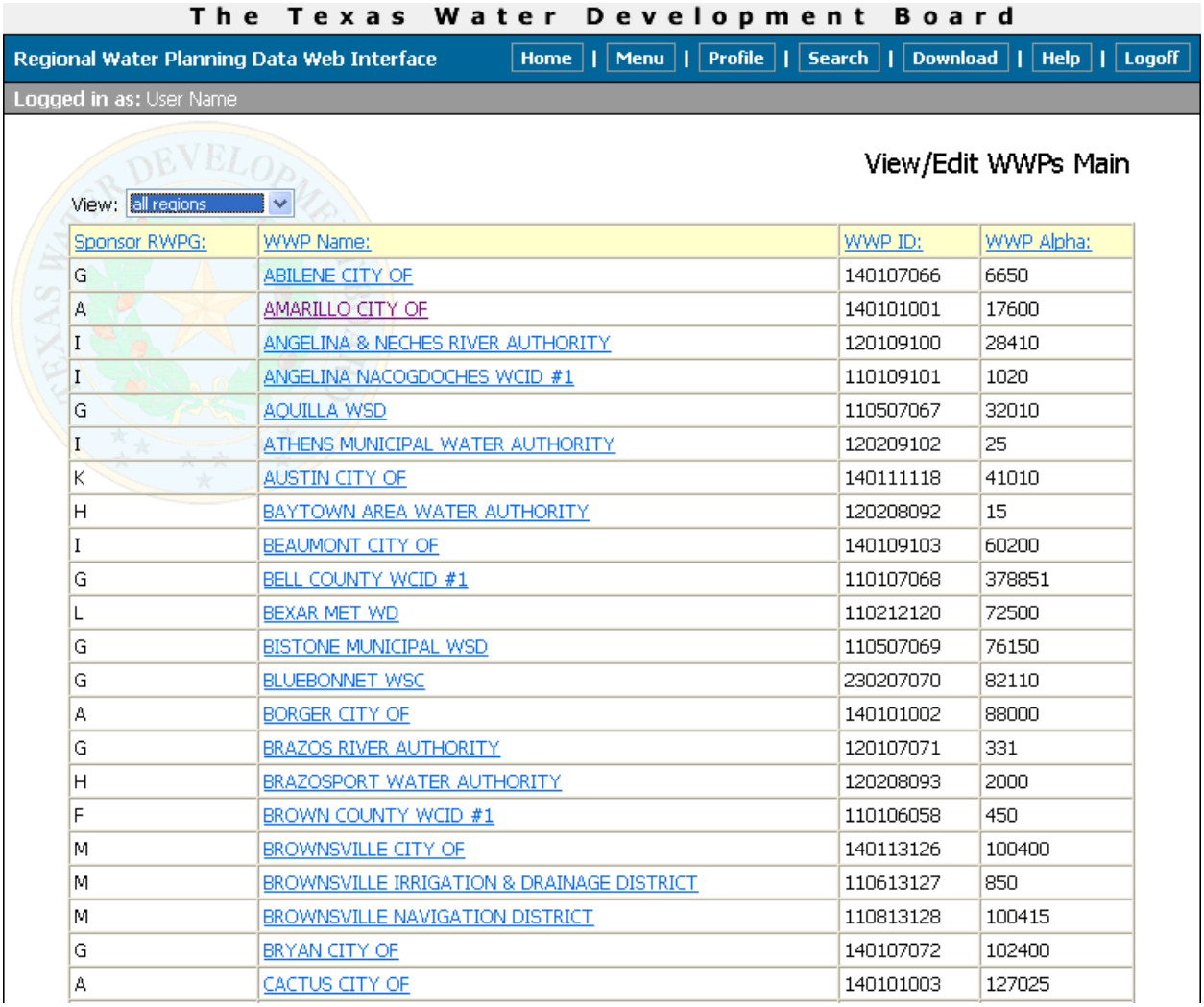
The View/Edit WWPs Main form, which can be accessed from the **Menu** button (**Menu > Sources > View/Edit WWPs**) and is shown in Figure 6.23, contains all the WWPs available in the database.

6.3.1.1 Sorting the WWPs List

You may sort this list by Sponsor Region, WWP Name, WWP ID, or WWP Alpha, by clicking on the appropriate column header. Or, if you would prefer, you may search for a WWP by clicking the **Search Wholesale Water Provider(s)** link on the **Search** button. This feature is further described in section 8.3.

6.3.1.2 Limiting the Records in the WWPs List

If you are an approved consultant with editing rights, you may also limit the number of records in the list by selecting the view choice from the dropdown box above the table. You may select to view records either by all regions or by just your region(s).



Sponsor RWPG:	WWP Name:	WWP ID:	WWP Alpha:
G	ABILENE CITY OF	140107066	6650
A	AMARILLO CITY OF	140101001	17600
I	ANGELINA & NECHES RIVER AUTHORITY	120109100	28410
I	ANGELINA NACOGDOCHES WCID #1	110109101	1020
G	AQUILLA WSD	110507067	32010
I	ATHENS MUNICIPAL WATER AUTHORITY	120209102	25
K	AUSTIN CITY OF	140111118	41010
H	BAYTOWN AREA WATER AUTHORITY	120208092	15
I	BEAUMONT CITY OF	140109103	60200
G	BELL COUNTY WCID #1	110107068	378851
L	BEXAR MET WD	110212120	72500
G	BISTONE MUNICIPAL WSD	110507069	76150
G	BLUEBONNET WSC	230207070	82110
A	BORGER CITY OF	140101002	88000
G	BRAZOS RIVER AUTHORITY	120107071	331
H	BRAZOSPORT WATER AUTHORITY	120208093	2000
F	BROWN COUNTY WCID #1	110106058	450
M	BROWNSVILLE CITY OF	140113126	100400
M	BROWNSVILLE IRRIGATION & DRAINAGE DISTRICT	110613127	850
M	BROWNSVILLE NAVIGATION DISTRICT	110813128	100415
G	BRYAN CITY OF	140107072	102400
A	CACTUS CITY OF	140101003	127025

Figure 6.23- The View/Edit WWPs Main Form

6.3.1.3 Viewing a WWP Detail

To view detailed information about a specific WWP or to edit a WWP, click on the specific WWP name that is listed in the WWP name column.

6.3.2 View WWP Form

The View WWP form, containing the details of a specific WWP and pictured in figure 6.24, 6.25, and 6.26, loads when you select an individual WWP from the View/Edit WWPs Main form. There is no editing on this form.

6.3.2.1 Returning to the View/Edit WWPs Main Form

If you do not have editing rights to the region in which this WWP is located, you will only have the **Back** button in the upper right-hand region of the screen. This button will take you back to the View/Edit WWPs Main form when clicked.

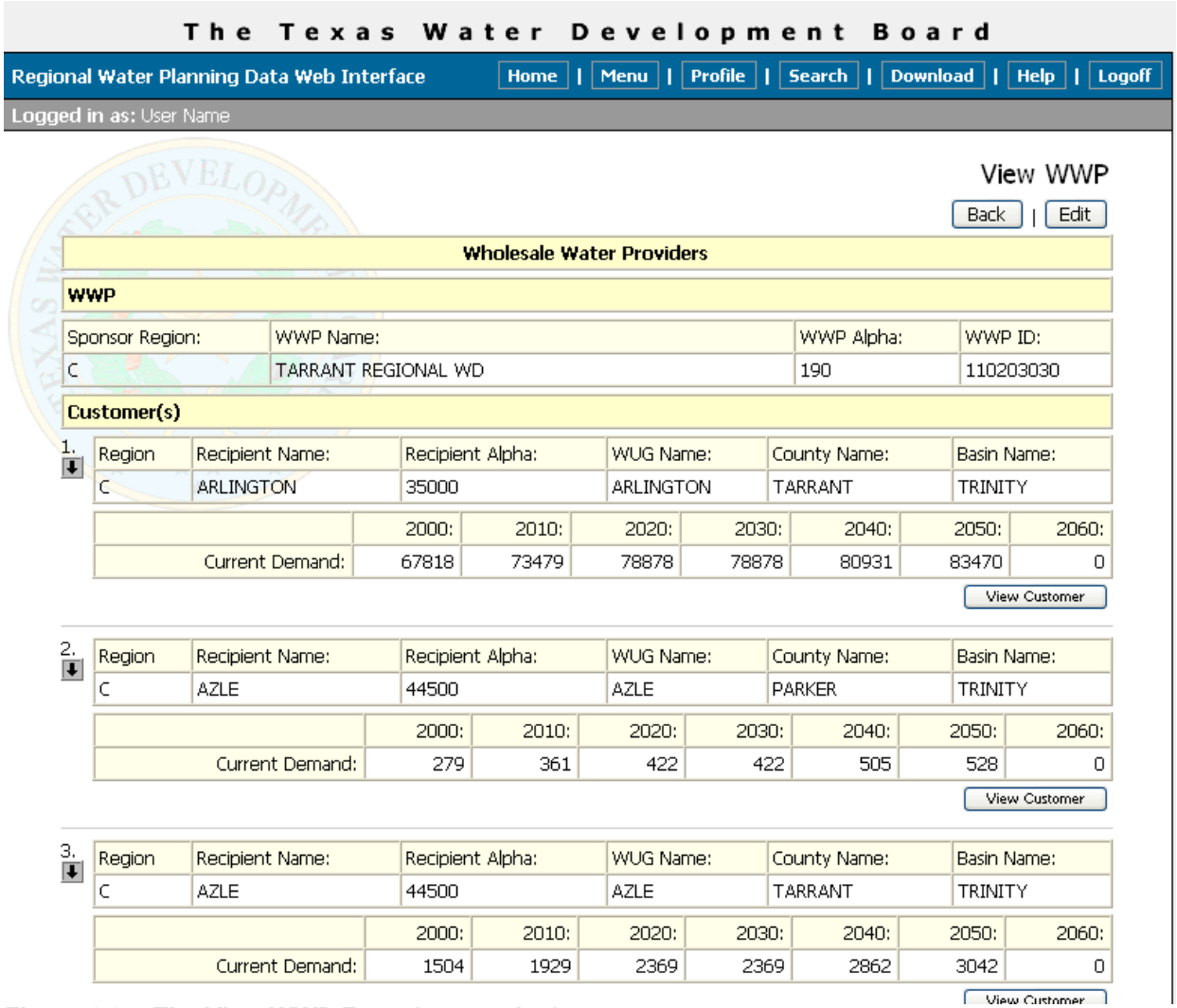


Figure 6.24- The View WWP Form (top portion)

Current Demand:	0	3012	4653	4653	9810	13778	0

View Customer

36.

Region	Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
C	WEATHERFORD	921600	WEATHERFORD	PARKER	BRAZOS

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Current Demand:	0	149	235	235	509	719	0

View Customer

WWP Obligations Summary

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Sum:	273651	302243	281150	293234	309857	330290	0

Current Supplies

1.

Region:	Source or System Name:	County Name:	Basin Name:	Source ID:	Source Type ID:
C	WOODBINE AQUIFER	TARRANT	TRINITY	22029	GW

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Volume:		0	0	0	0	0	0

WWP Supply Summary

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Supply Sum:	N/A	0	0	0	0	0	0

Recipient Needs/Surpluses

1.

Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
ARLINGTON	35000	ARLINGTON	TARRANT	TRINITY

	2010:	2020:	2030:	2040:	2050:	2060:
Need/Surplus:	-73479	-78878	-81059	-80931	-83470	0

2.

Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
AZLE	44500	AZLE	PARKER	TRINITY

Figure 6.25- The View WWP Form (middle portion)

35.

Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
WEATHERFORD	921600	WEATHERFORD	PARKER	TRINITY

	2010:	2020:	2030:	2040:	2050:	2060:
Need/Surplus:	-3012	-4653	-6854	-9810	-13778	0

36.

Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
WEATHERFORD	921600	WEATHERFORD	PARKER	BRAZOS

	2010:	2020:	2030:	2040:	2050:	2060:
Need/Surplus:	-149	-235	-353	-509	-719	0

WWP Needs/Surpluses

	2000:	2010:	2020:	2030:	2040:	2050:	2060:
Need/Surplus:	N/A	-302243	-281150	-293234	-309857	-330290	0

Water Management Strategies

Selected Strategies

1.

WMS Sponsor Region:	WMS Project ID:	WMS Project Name:
C	C-100	MARVIN NICHOLS RESERVOIR

Source Region:	Source Name:	County Name:	Basin Name:
D	MARVIN NICHOLS LAKE/RESERVOIR	RESERVOIR	SULPHUR

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	0	0	0	0

View WMS

WMS Supply Summary for Selected Strategies

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	0	0	0	0

Figure 6.26- The View WWP Form (bottom portion)

6.3.2.2 Editing a WWP

If you are an approved consultant with editing rights, you will have an **Edit** button in the upper right-hand region of your screen. If you are a consultant with editing rights to the region in which the WWP is located, you will be able to edit all aspects of the WWP and any customers that are located in your regions. If you are a consultant with editing rights to a region in which existing customers of the WPP are located, but not the WWP itself, you will be able to edit your customers of that WWP and add any new customers, if needed. If you are a consultant that does not have any existing customers of the WWP and you do not have editing rights to the region in which the WWP is located, you will still be able to add new customers from your regions to the WWP on the edit page. When you click the **Edit** button you will be taken to the Edit WWP form, described in section 6.3.3, where you may make changes to the WWP.

6.3.2.3 Viewing a WWP Customer

All users may view details about a specific WWP customer by clicking on the **View Customer** button on the View WWP form. Clicking this button will take you to the View WWP Customer form, shown in figure 6.27. To return to the View WWP form you will click on the **Back** button in the upper right-hand region of the screen.

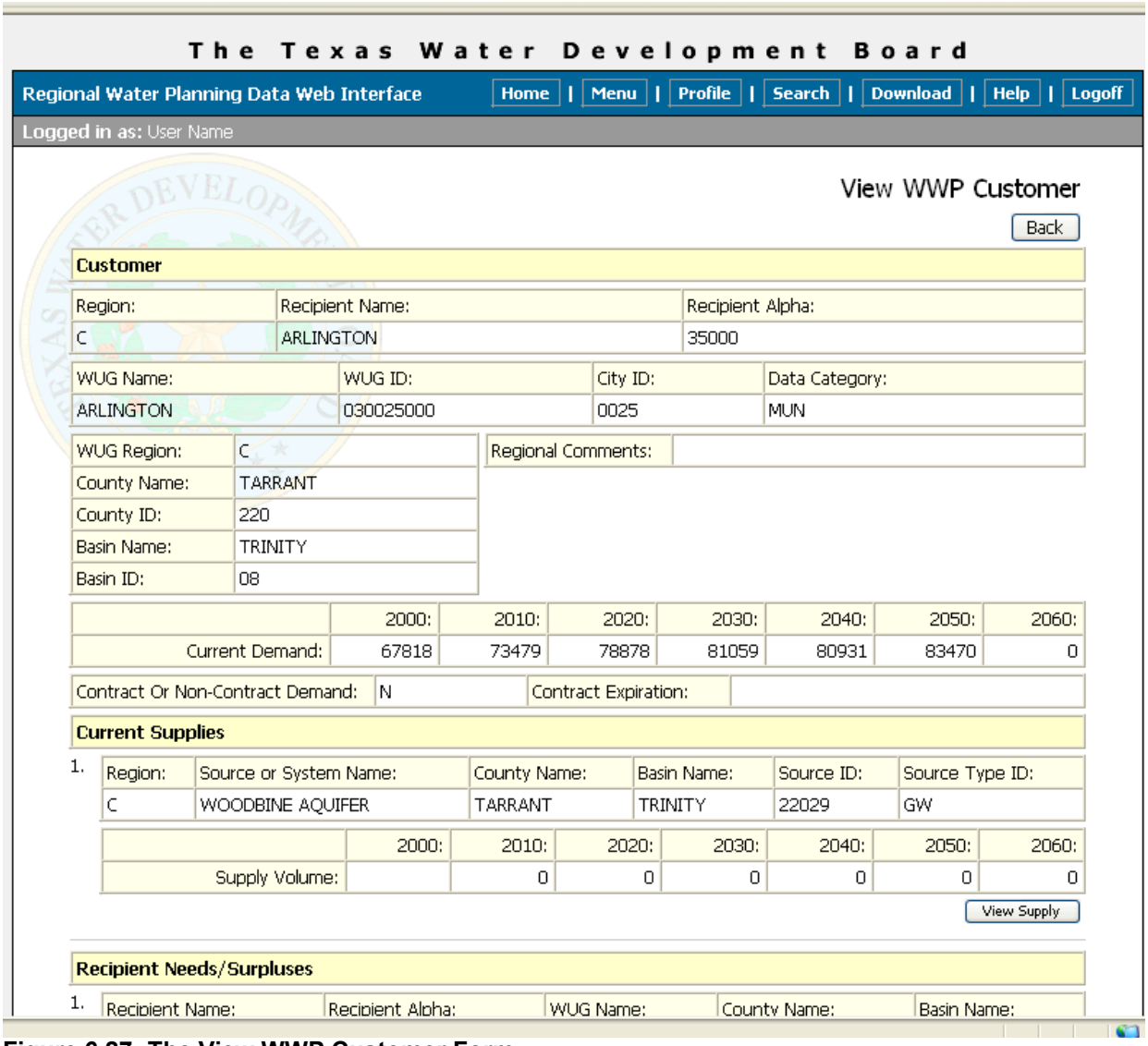
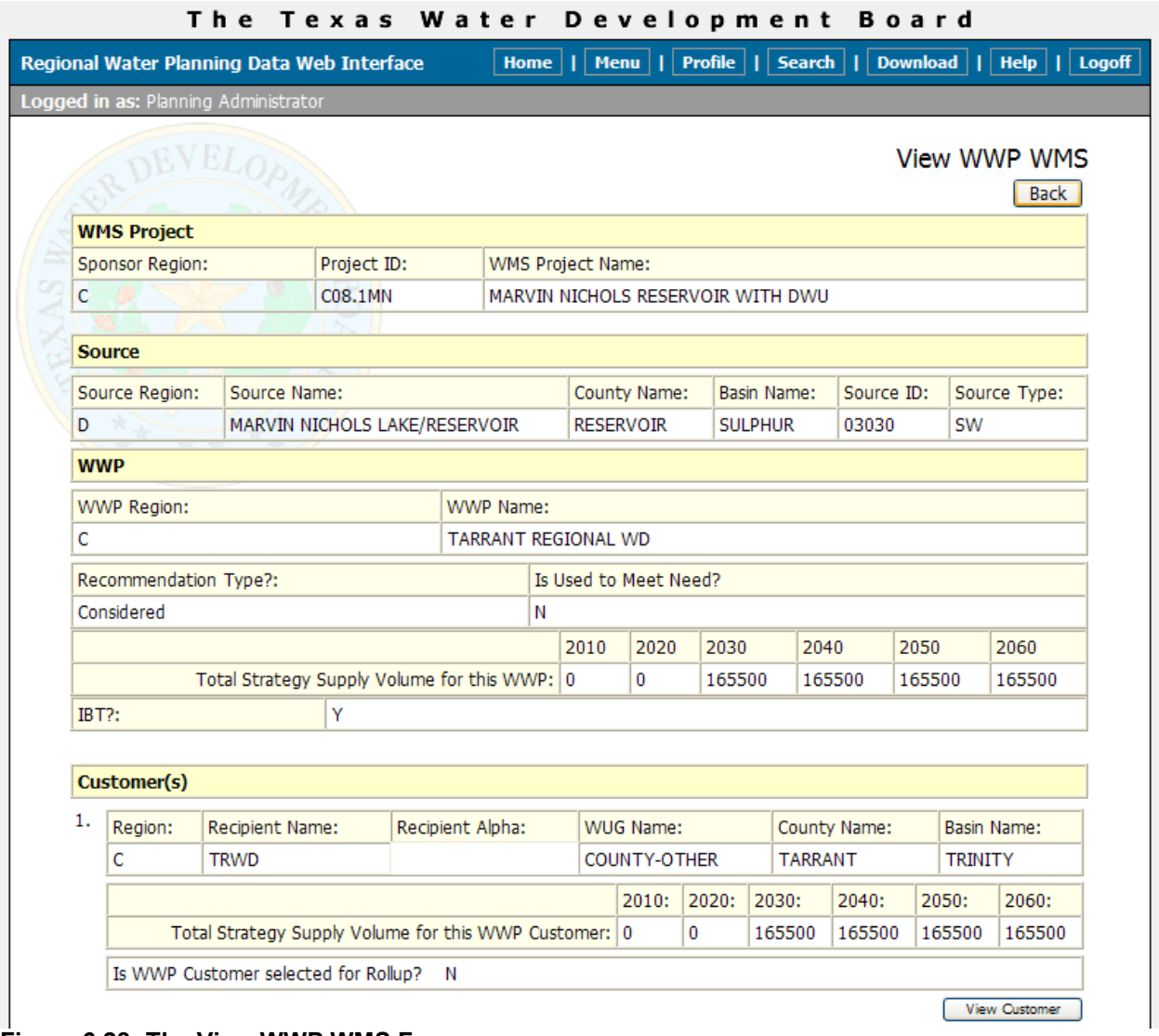


Figure 6.27- The View WWP Customer Form

6.3.2.4 Viewing a WWP WMS

All users may view details about a specific WWP WMS by clicking on the **View WMS** button on the View WWP form. Clicking this button will take you to the View WWP WMS form, shown in figure 6.28. This form is further described in section 6.4.4.2. To return to the View WWP form you will click on the **Back** button in the upper right-hand region of the screen.



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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View WWP WMS

Back

WMS Project

Sponsor Region:	Project ID:	WMS Project Name:
C	C08.1MN	MARVIN NICHOLS RESERVOIR WITH DWU

Source

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
D	MARVIN NICHOLS LAKE/RESERVOIR	RESERVOIR	SULPHUR	03030	SW

WWP

WWP Region:	WWP Name:
C	TARRANT REGIONAL WD

Recommendation Type?:	Is Used to Meet Need?
Considered	N

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WWP:	0	0	165500	165500	165500	165500

IBT?:	Y

Customer(s)

1.

Region:	Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
C	TRWD		COUNTY-OTHER	TARRANT	TRINITY

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP Customer:	0	0	165500	165500	165500	165500

Is WWP Customer selected for Rollup? N

View Customer

Figure 6.28- The View WWP WMS Form

6.3.3 Edit WWP Form

The Edit WWP form, shown in figure 6.29, is only available to approved consultants with editing rights. All fields labeled in red are editable fields.

Note that there is only one editable field on this form. A consultant who has editing rights to the region in which the WWP is located can only edit this field. It is listed as follows:

- **Data entry complete for this WWP?**

In addition to the one editable field, there are four customer-editing options and four WMS editing options.

For Customers, first, all consultants may view a customer by clicking on the **View Customer** button, this feature was described in section 6.3.2.3. Second, if you are a consultant with editing rights to the region in which the customer is located, by clicking on the **Edit Customer** button, you may edit a customer. Third, with the appropriate editing rights, you may delete a customer by clicking on the **Delete Customer** button. Finally, you may add a customer by clicking on the **Add Customer** button.

For WMS, first, all consultants may view a WMS by clicking on the **View WMS** button, this feature was described in section 6.3.2.4. Second, if you are a consultant with editing rights to the region in which the WWP is located or any customers of the WWP that have been added to the WMS are located, by clicking on the **Edit WMS** button, you may edit a WWP WMS. Third, with the appropriate editing rights, you may delete a WMS by clicking on the **Delete WMS** button. Finally, you may add a WMS by clicking on the **Add WMS** button.

Each of these features is described in the following sections.

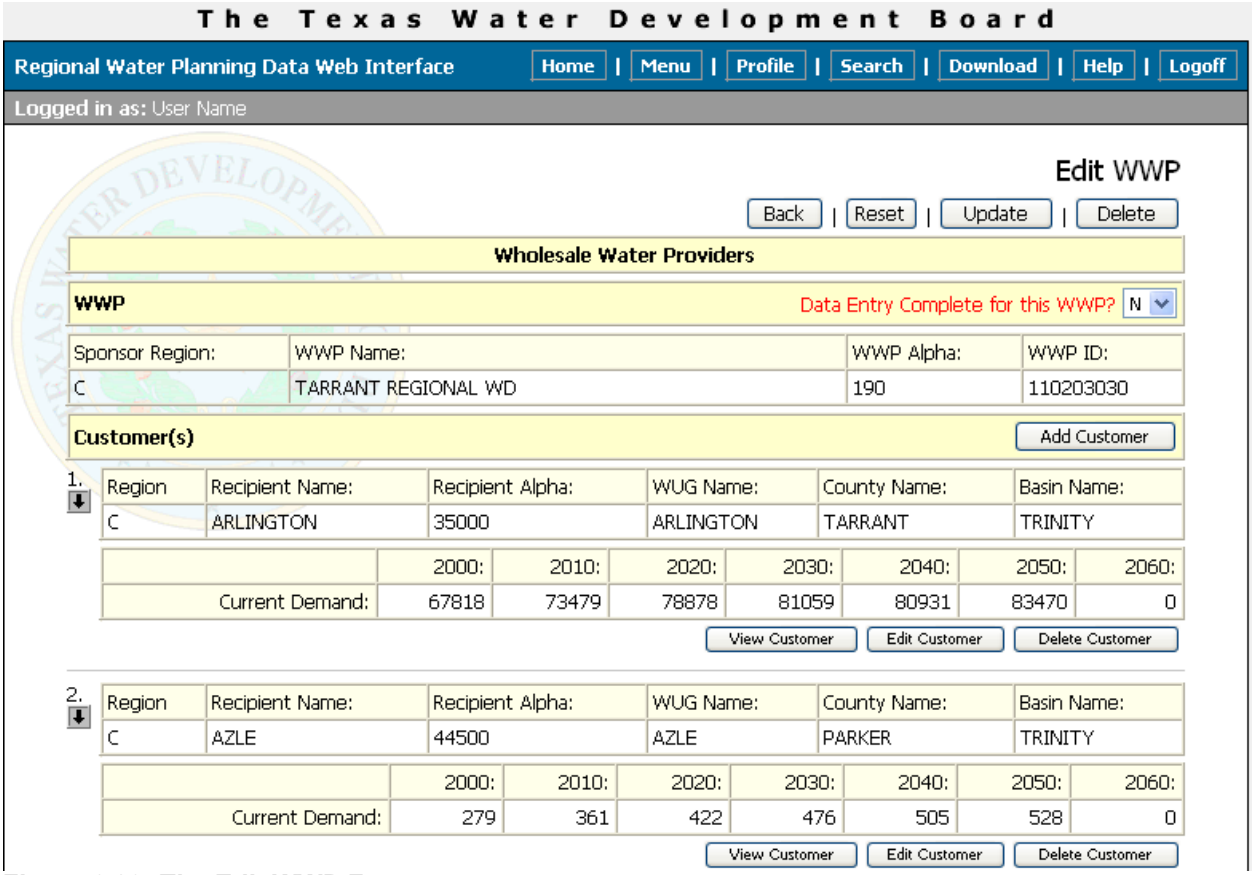


Figure 6.29- The Edit WWP Form

6.3.3.1 The Edit WWP Customer Form

When you click on the **Edit Customer** button you will be directed to the Edit WWP Customer form, pictured in figure 6.30. All editable fields are labeled in red.

There are five different editable fields listed as follows:

- **Recipient Name**
- **Regional Comments**
- **Current Demand:** 2010, 2020, 2030, 2040, 2050, 2060 (2000 is not editable)
- **Contract or Non-Contract Demand**
- **Contract Expiration**

In addition to the five editable fields, there are four customer-supply-editing options. First, you may view a customer supply by clicking on the **View Supply** button. Second, by clicking on the **Edit Supply** button, you may edit a customer supply. Third, you may delete a customer supply by clicking on the **Delete Supply** button. Finally, you may add a customer supply by clicking on the **Add Supply** button. Each of these features is described in the following sections.

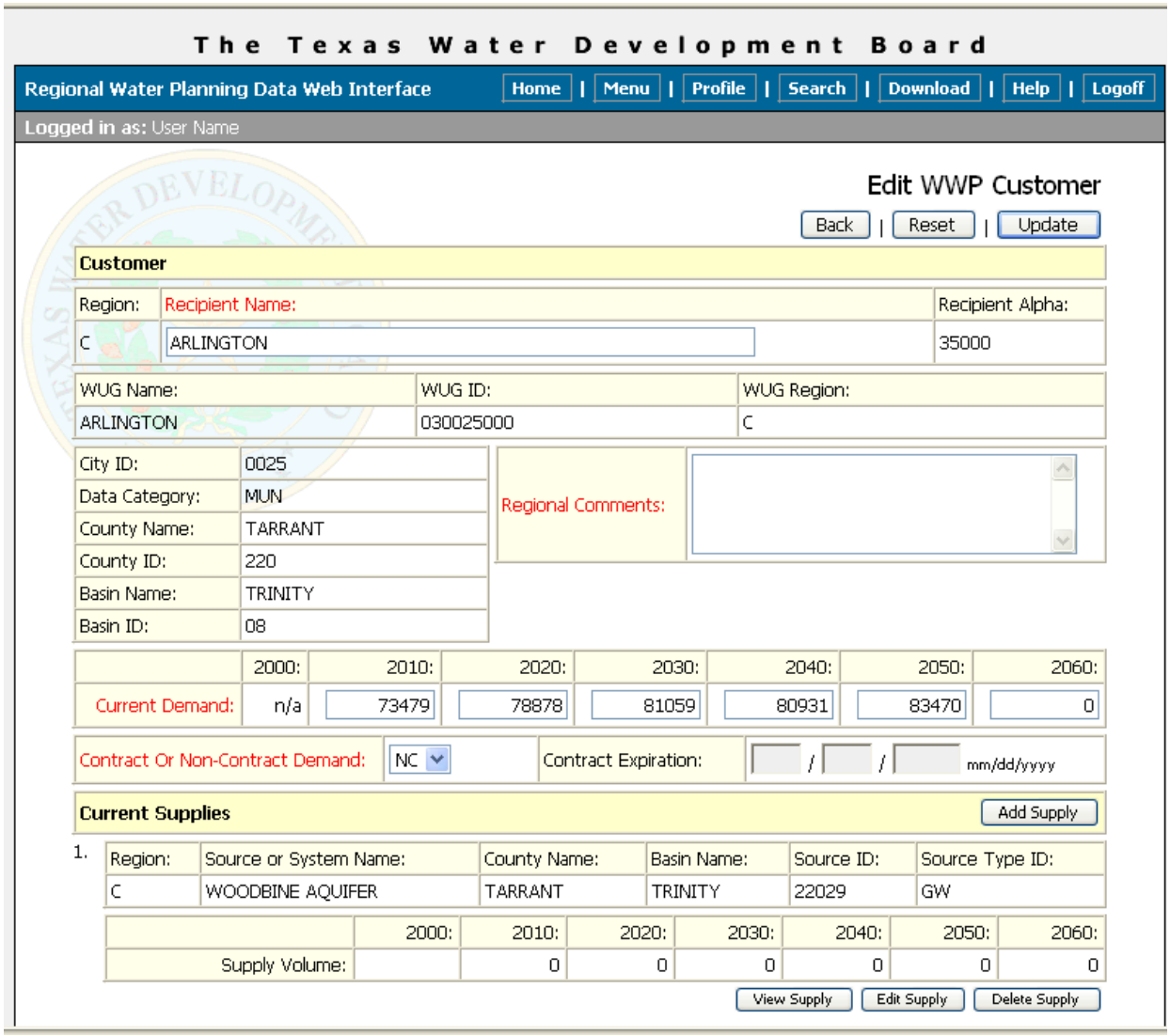


Figure 6.30- The Edit WWP Customer Form

6.3.3.5.1 Viewing a WWP Customer Supply

When you click on the **View Supply** button on the Edit WWP Customer form the View WWP Customer Supply form will load. This form, pictured in figure 6.31, lists the details of the customer supply. To return to the Edit WWP Customer button, click the **Back** button at the top right of the form.

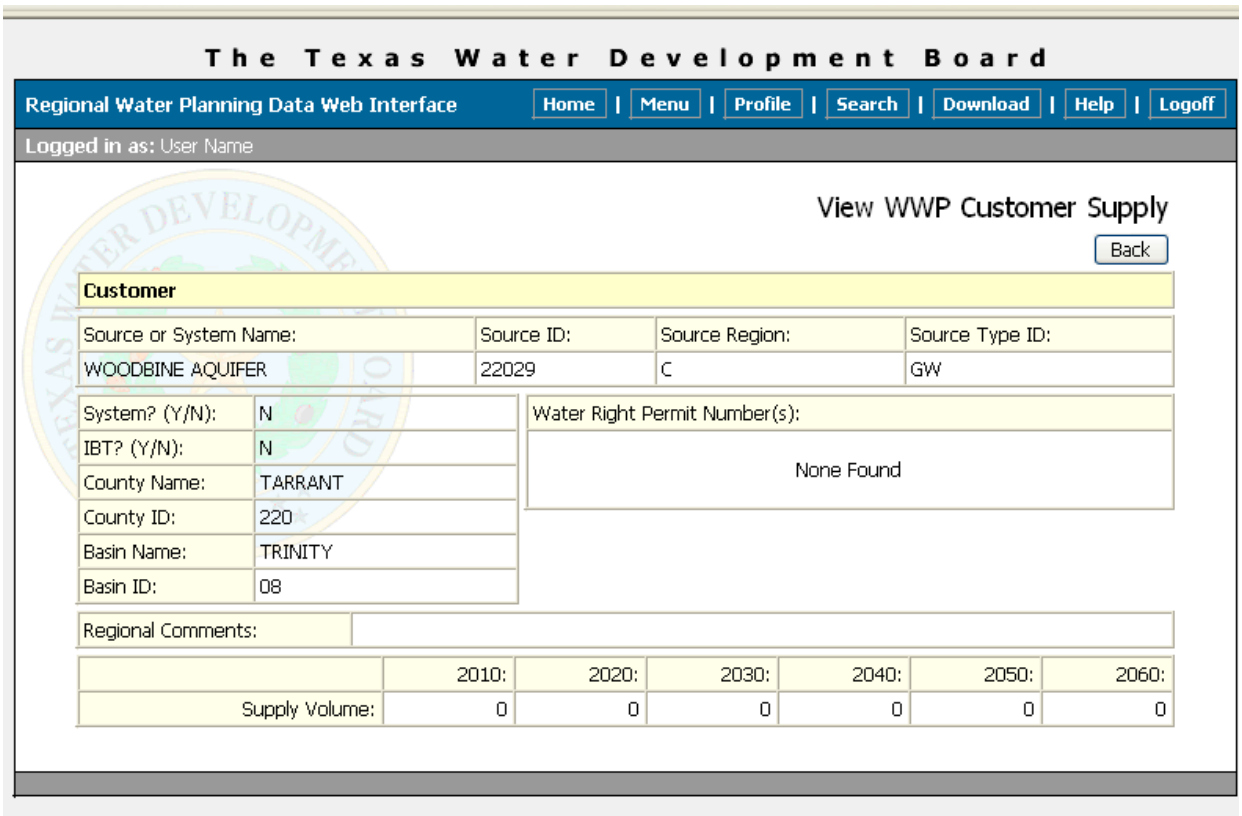


Figure 6.31- The View WWP Customer Supply Form

6.3.3.5.2 Adding a WWP Customer Supply

To add a WWP customer supply, you will click on the **Add Supply** button on the Edit WWP Customer form. The Add WWP Customer Supply form will load, pictured in figure 6.32. Select the supply or supplies to add to the WWP Customer by checking the boxes to the left of the supply. Once you have selected all of your supplies, click the **Add Supply** button to add the supplies and return to the Edit WWP Customer form.

Enlarge Window

Add WWP Customer Supply

Search? Cancel | Add Supply

Add?	Region	Name	County	Basin	Source ID	Type ID
☐	G	ABILENE LAKE/RESERVOIR	RESERVOIR	BRAZOS	12060	SW
☐	O	ALAN HENRY LAKE/RESERVOIR	RESERVOIR	BRAZOS	12510	SW
☐	G	ALCOA LAKE/RESERVOIR	RESERVOIR	BRAZOS	12350	SW
☐	G	ALVARADO LAKE/RESERVOIR	RESERVOIR	TRINITY	08950	SW
☐	M	AMISTAD-FALCON LAKE/RESERVOIR SYSTEM	RESERVOIR	RIO GRANDE	230A0	SW
☐	B	AMON G. CARTER LAKE/RESERVOIR	RESERVOIR	TRINITY	08020	SW
☐	C	ARLINGTON LAKE/RESERVOIR	RESERVOIR	TRINITY	08120	SW
☐	I	ATHENS LAKE/RESERVOIR	RESERVOIR	NECHES	06010	SW
☐	F	BALLINGER/MOONEN LAKE/RESERVOIR	RESERVOIR	COLORADO	14340	SW
☐	F	BALMORHEA LAKE/RESERVOIR	RESERVOIR	RIO GRANDE	23020	SW
☐	C	BARDWELL LAKE/RESERVOIR	RESERVOIR	TRINITY	08210	SW
☐	A	BAYLOR LAKE/RESERVOIR	RESERVOIR	RED	02090	SW
☐	F	BEALS CREEK COMBINED RUN-OF-RIVER IRRIGATION	HOWARD	COLORADO	3414080	SW
☐	F	BEALS CREEK RUN-OF-RIVER CRMWD DIVERTED WATER	HOWARD	COLORADO	3461401012	SW
☐	B	BEAVER CREEK RUN-OF-RIVER MINING	WILBARGER	RED	3460205127	SW
☐	I	BELLWOOD LAKE/RESERVOIR	RESERVOIR	NECHES	06015	SW
☐	E	BIG AGUJA CREEK RUN-OF-RIVER CITY OF BALMORHEA	JEFF DAVIS	RIO GRANDE	3462305439	SW
☐	D	BIG CREEK LAKE/RESERVOIR	RESERVOIR	SULPHUR	03000	SW
☐	D	BIG SANDY CREEK LAKE/RESERVOIR	RESERVOIR	SABINE	05080	SW

Figure 6.32- The Add WWP Customer Supply Form

6.3.3.5.3 Editing a WWP Customer Supply

To edit a WWP customer supply, you will click on the **Edit Supply** button on the Edit WWP Customer form. The Edit WWP Customer Supply form will load, pictured in figure 6.33. You will select Yes or No from the **IBT? (Y/N)** drop-down box. You will add a water right permit number, if necessary. If you need to make additional comments or add additional information you will enter these in the **Regional Comments** field. Finally, you will complete the **Supply Volume** fields for the years 2010, 2020, 2030, 2040, 2050, and 2060. If you have any questions about the values to be submitted for any of these fields please refer to Exhibit B. To return to the Edit WWP Customer page click on the **Back** button in the upper right corner of the form.

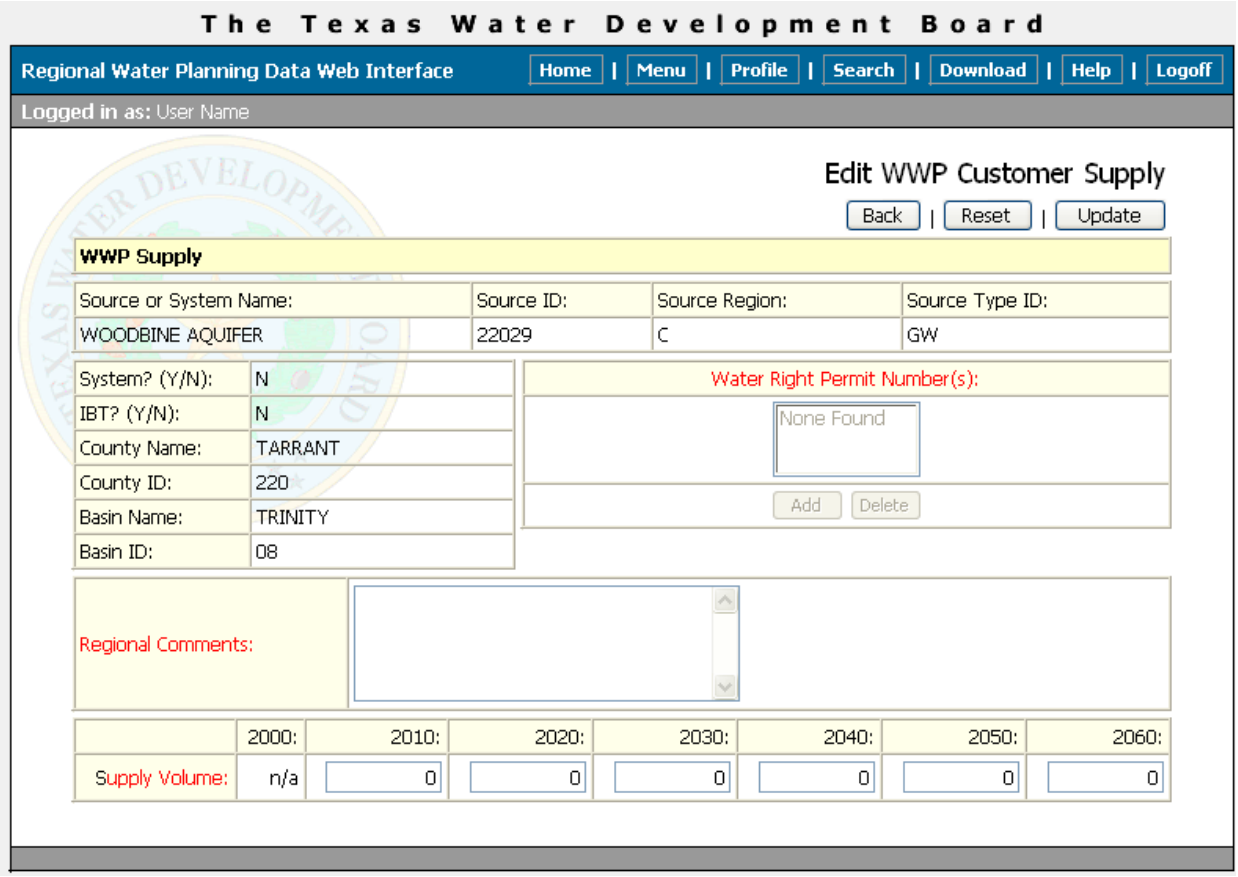


Figure 6.33- The Edit WWP Customer Supply Form

6.3.3.5.4 Deleting a WWP Customer Supply

To delete a WWP customer supply, you will click on the **Delete Supply** button on the Edit WWP Customer form. You will have a pop-up box that will ask you if you are sure you want to delete this supply. Click **OK** to delete the supply and **Cancel** to cancel the delete and return to the Edit WWP Customer form.

6.3.3.5.5 Resetting the Values on the Edit WWP Customer Form

If you would like to reset the values on the form back to the original values pulled from the database, click the Reset button in the upper right-hand region of the screen. This button will clear all data that you have entered on the form.

6.3.3.2.6 Submitting Your Changes

Once you have entered all the values for the customer, you may submit and save your values by clicking on the **Update** button in the upper right-hand region of your screen. This action will save your changes and return you to the Edit WWP form.

6.3.3.2 Deleting a Customer

When you click on the **Delete Customer** button on the Edit WWP form, you will see a pop-up box that will ask you if you are sure you want to delete that customer. If you want to continue and delete the customer, click the **OK** button. If you do not want to delete the supply, click on the **Cancel** button.

6.3.3.3 Adding a WWP Customer

When you click on the **Add Customer** button on the Edit WWP form, a new window will open with the Add WWP Customer form as pictured in figure 6.34. All editable fields are labeled in red.

There are five different editable fields listed as follows:

- **Recipient Name**
- **Recipient Alpha**
- **WUG RWPG | WUG Name | County Name | Basin Name | WUGID**
- **Regional Comments**
- **Current Demand:** 2010, 2020, 2030, 2040, 2050, 2060 (2000 is not editable)
- **Contract or Non-Contract Demand**
- **Contract Expiration**

Once these fields are completed click the **Add** button at the top right of your screen to add the WWP customer and return to the Edit WWP form. To cancel, click the **Close** button to return to the Edit WWP form without adding the customer.

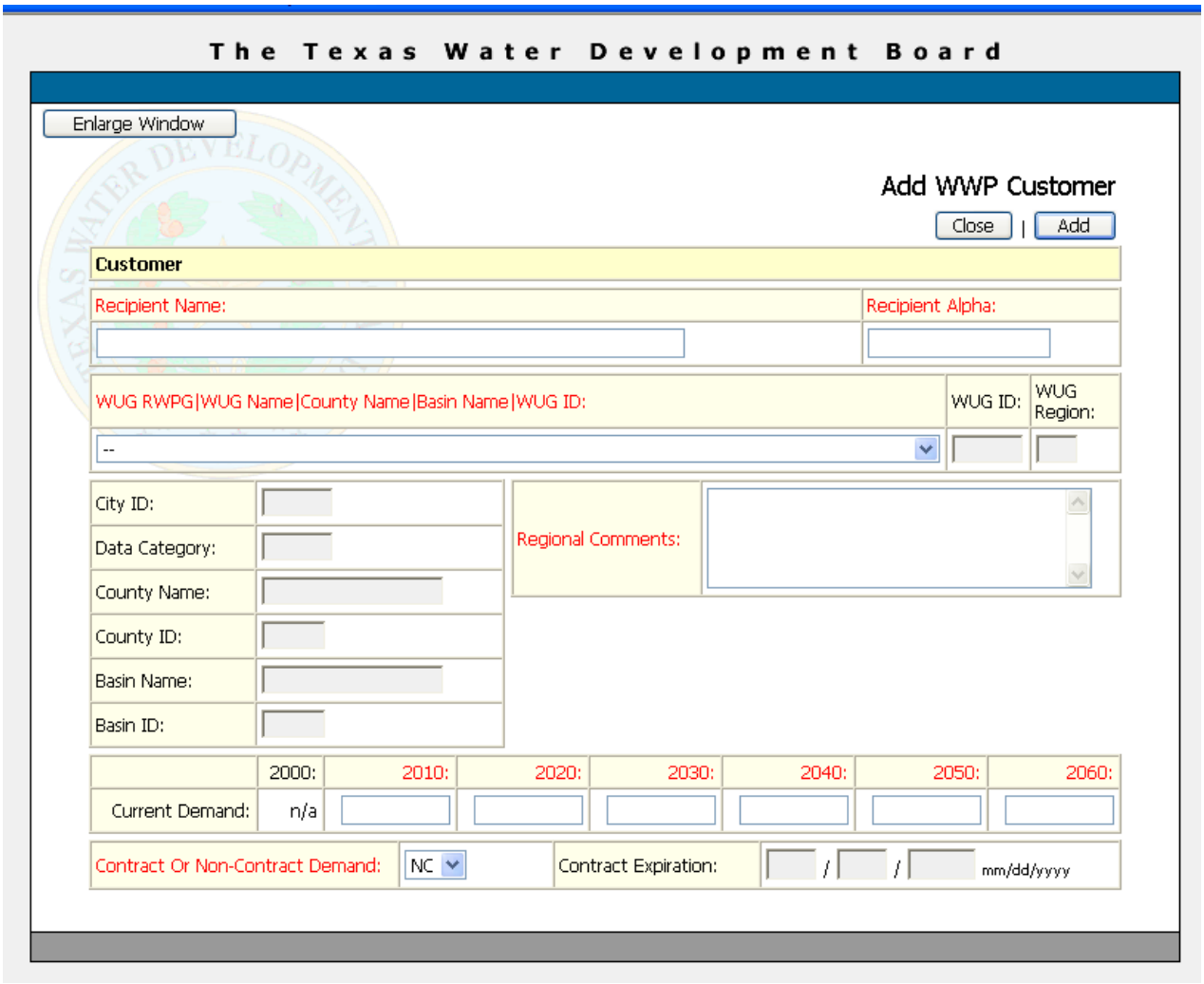
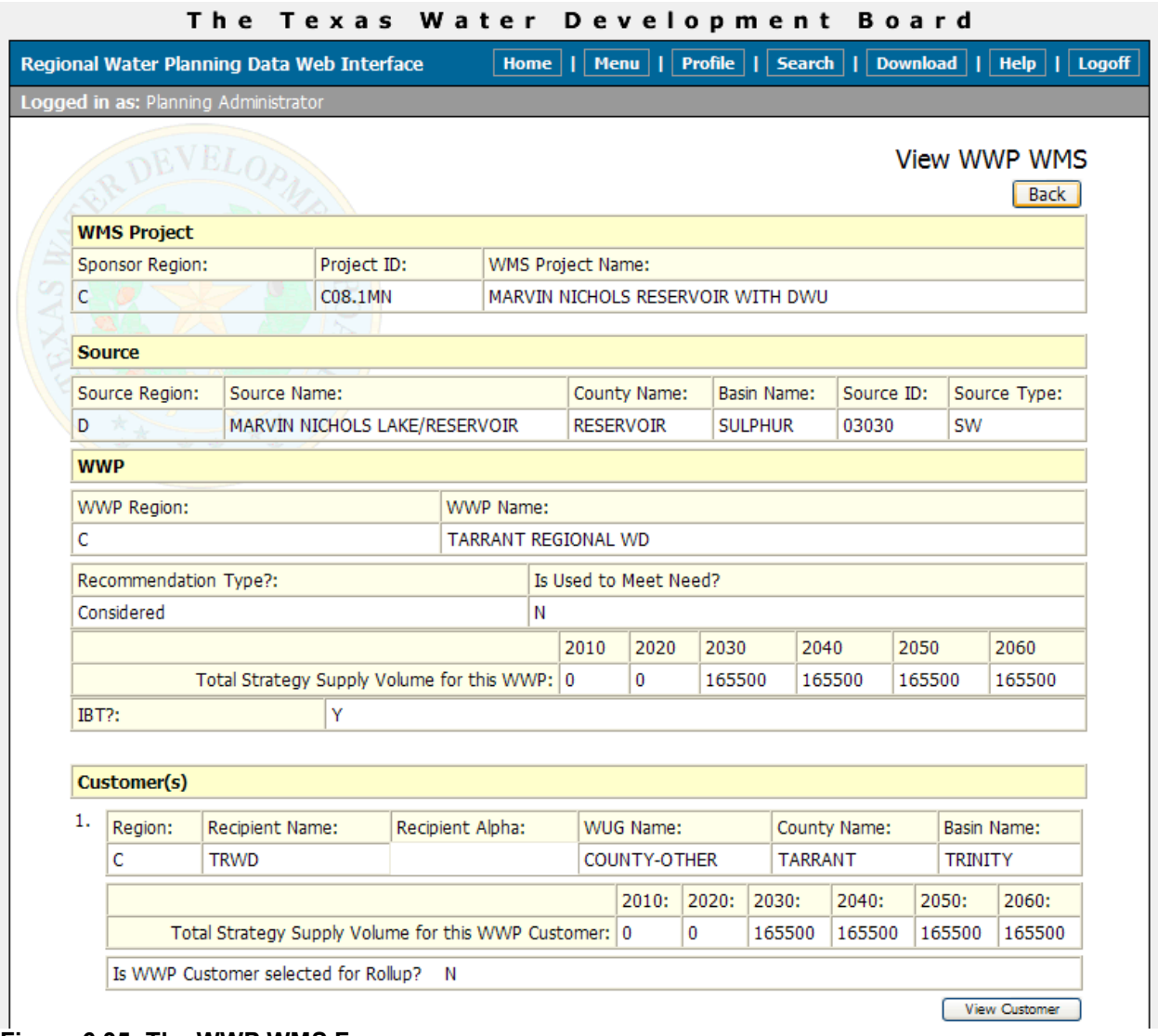


Figure 6.34- The Add WWP Customer Form

6.3.3.4 Editing a WWP WMS

When you click on the **Edit WMS** button on the Edit WWP form, the Edit WWP WMS form will load. This form, pictured in figure 6.35, is described further in section 6.4.7.5. To return to the Edit WWP form, click the **Back** button at the top right of the screen.



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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View WWP WMS

Back

WMS Project

Sponsor Region:	Project ID:	WMS Project Name:
C	C08.1MN	MARVIN NICHOLS RESERVOIR WITH DWU

Source

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
D	MARVIN NICHOLS LAKE/RESERVOIR	RESERVOIR	SULPHUR	03030	SW

WWP

WWP Region:	WWP Name:
C	TARRANT REGIONAL WD

Recommendation Type?:	Is Used to Meet Need?
Considered	N

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WWP:	0	0	165500	165500	165500	165500

IBT?:	Y

Customer(s)

1.

Region:	Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
C	TRWD		COUNTY-OTHER	TARRANT	TRINITY

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP Customer:	0	0	165500	165500	165500	165500

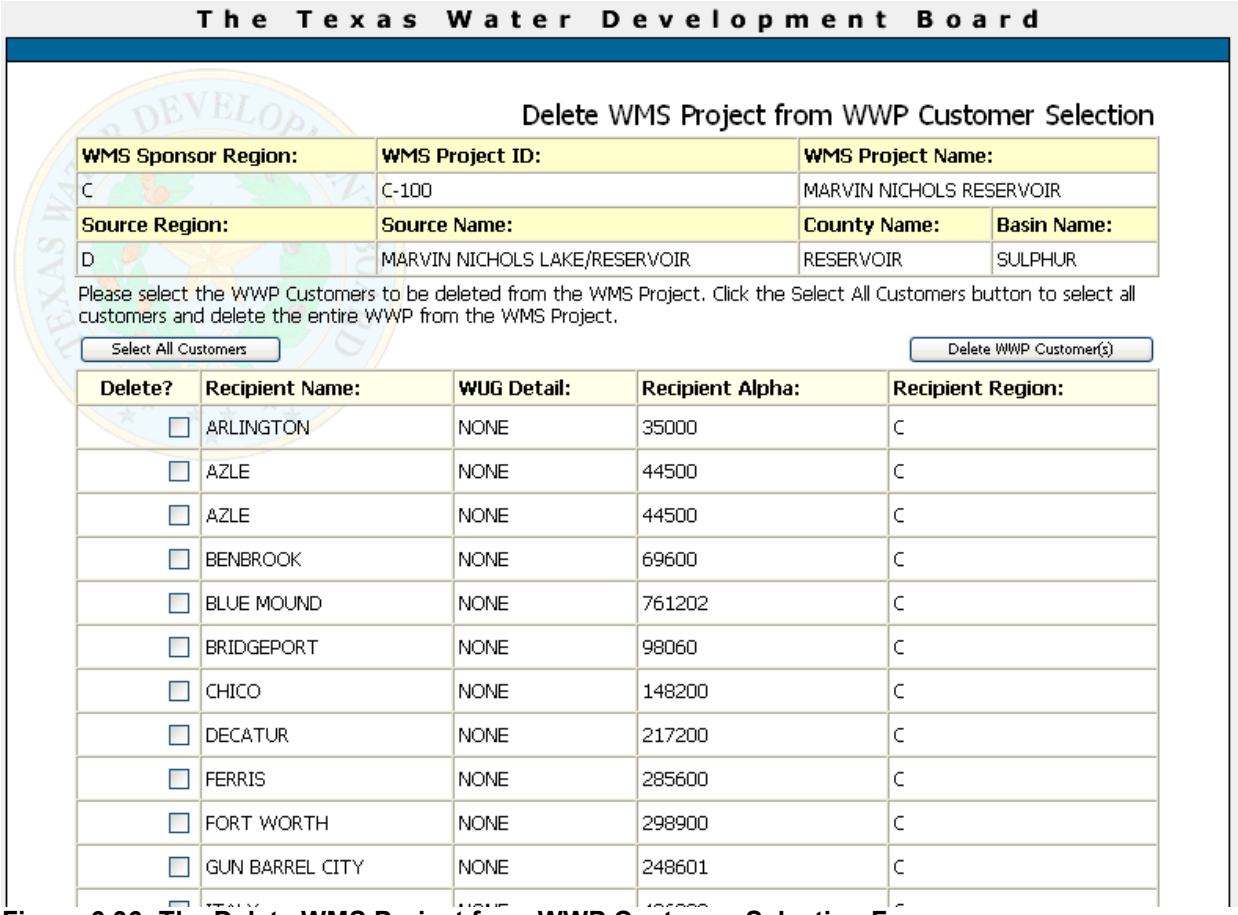
Is WWP Customer selected for Rollup? N

View Customer

Figure 6.35- The WWP WMS Form

6.3.3.5 Deleting a WWP WMS

To delete a WWP WMS, you will click on the **Delete WMS** button on the Edit WWP form. When the **Delete WMS** button is clicked the Delete WMS Project from WWP Customer Selection form will load, pictured in figure 6.36. This form lists all of the Customers for that WWP that are associated with the WMS Project. Select the WWP Customers you would like to remove from the WMS Project by clicking the check box to the left of the Customer listing. To select all Customers and delete the entire WMS Project from the WWP, click the **Select All Customers** button. Once you have made your selection, click the **Delete WWP Customer(s)** button. A pop-up box will load that will ask you if you are sure you want to delete this WMS Project. Click **OK** to delete the WMS Project and **Cancel** to cancel the delete and return to the Edit WWP form.



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Delete WMS Project from WWP Customer Selection

WMS Sponsor Region:	WMS Project ID:	WMS Project Name:	
C	C-100	MARVIN NICHOLS RESERVOIR	
Source Region:	**Source Name:**	**County Name:**	**Basin Name:**
D	MARVIN NICHOLS LAKE/RESERVOIR	RESERVOIR	SULPHUR

Please select the WWP Customers to be deleted from the WMS Project. Click the Select All Customers button to select all customers and delete the entire WWP from the WMS Project.

Select All Customers | Delete WWP Customer(s)

Delete?	Recipient Name:	WUG Detail:	Recipient Alpha:	Recipient Region:
☐	ARLINGTON	NONE	35000	C
☐	AZLE	NONE	44500	C
☐	AZLE	NONE	44500	C
☐	BENBROOK	NONE	69600	C
☐	BLUE MOUND	NONE	761202	C
☐	BRIDGEPORT	NONE	98060	C
☐	CHICO	NONE	148200	C
☐	DECATUR	NONE	217200	C
☐	FERRIS	NONE	285600	C
☐	FORT WORTH	NONE	298900	C
☐	GUN BARREL CITY	NONE	248601	C

Figure 6.36- The Delete WMS Project from WWP Customer Selection Form

6.3.3.6 Adding a WWP WMS

When you click on the **Add WMS** button on the Edit WWP form, a new window will open with the Add WMS Project to WWP form, as pictured in figure 6.37. You can select a water management strategy by clicking the radio button beside each strategy. You may also request to add a new water management strategy by clicking on the **Request to Add WMS Project** link at the top of the form. This feature is explained further in section 6.4.1. Some water management strategies listed may not have sources associated with them so that a WWP may be added. These strategies will have an **Add Source(s)** button instead of a radio button. Click on the **Add Source(s)** button to add a source to the strategy. Once the source is added, the Add WMS Project to WWP form will reload with that strategy/source combination listed. You will then be able to add that strategy to the WWP.

Once you have selected the water management strategy that you want to add, click the **Add WMS** button. This will load the Add WWP Customer(s) to WMS Project form in the same window, pictured in figure 6.38. Select the customers you would like to add to the

WMS Project, by clicking on the checkbox beside the customer listing. Once you have selected the customer(s) you want to add, click the **Add Customer(s)** button. This will add the water management strategies to your WWP and return you to the Edit WWP form.

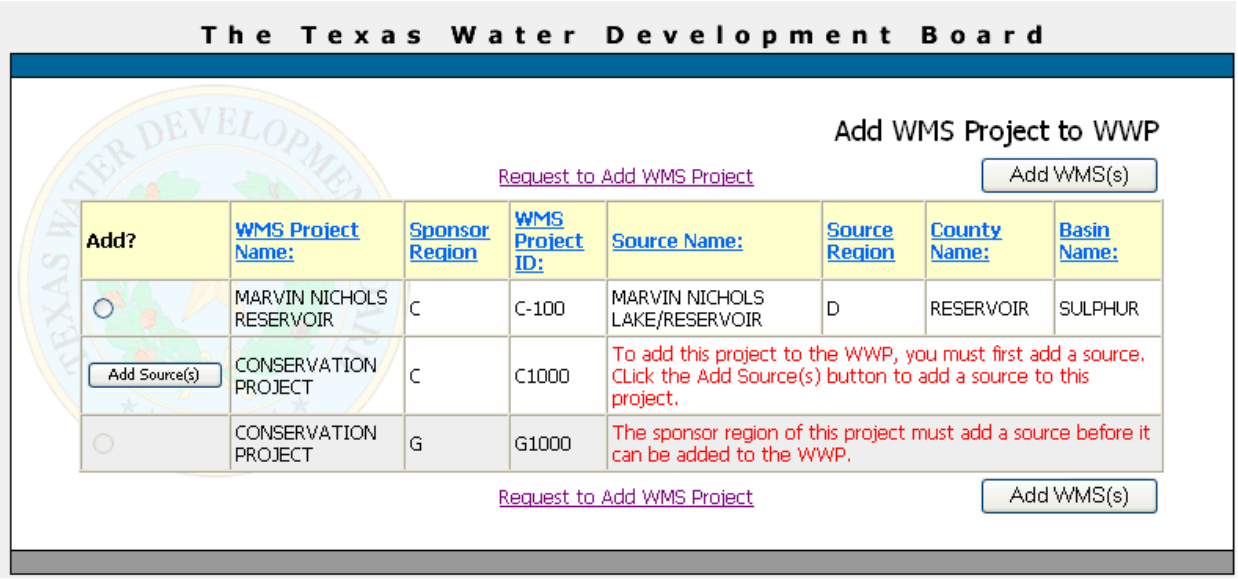


Figure 6.37- The Add WMS Project to WWP Form

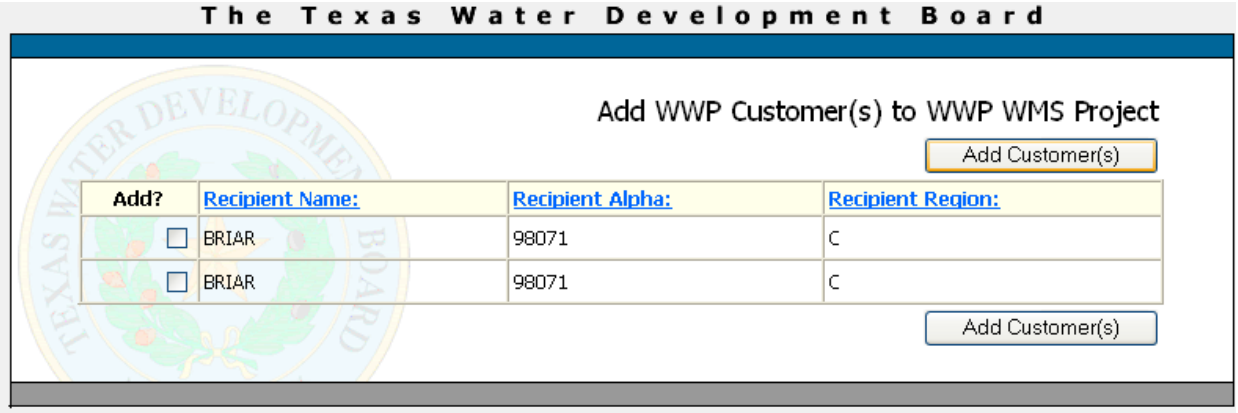


Figure 6.38- The Add WWP Customer(s) to WWP WMS Project Form

6.3.3.7 Submitting your Changes to the WWP

Once you have completed your editing of the WWP you may submit your changes by clicking on the **Update** button. If you are completely finished updating the WWP, select yes from the **Data Entry Complete for this WWP?** drop-down box directly below the update button. If you are not finished editing the WWP, select no from the **Data Entry Complete for this WWP?** drop-down box. Your information will be saved, and you may return later to finish editing the WWP.

6.3.3.8 Requesting that a WWP be Deleted

To request that a WWP be deleted, click on the **Delete** button on the Edit WWP Form. This will load the Delete WWP form, similar to the contact form described in section 10.0. Complete your contact information and click the **Submit** button to submit your request. Your request will be reviewed and you will be notified when the review process is complete. To cancel the request, click the **Cancel** button.

6.3.4 Requesting to Add a Wholesale Water Supplier

To request to add a WUG select the **Add Water User Group Request** link from the **Menu** button (**Menu > Water User Groups > Add Water User Group Request**). This loads the Add WUG Request form, pictured in figure 6.39. There are eight editable fields on this form. They are listed as follows:

- **WWP Region**
- **WWP Name**
- **WWP Alpha**
- **Comments for this Request**

Complete all fields as fully as possible. To submit the request for review, click the Request **button.** Your request will be reviewed and you will be notified when the review process is complete. To cancel the request, click the **Back** button.

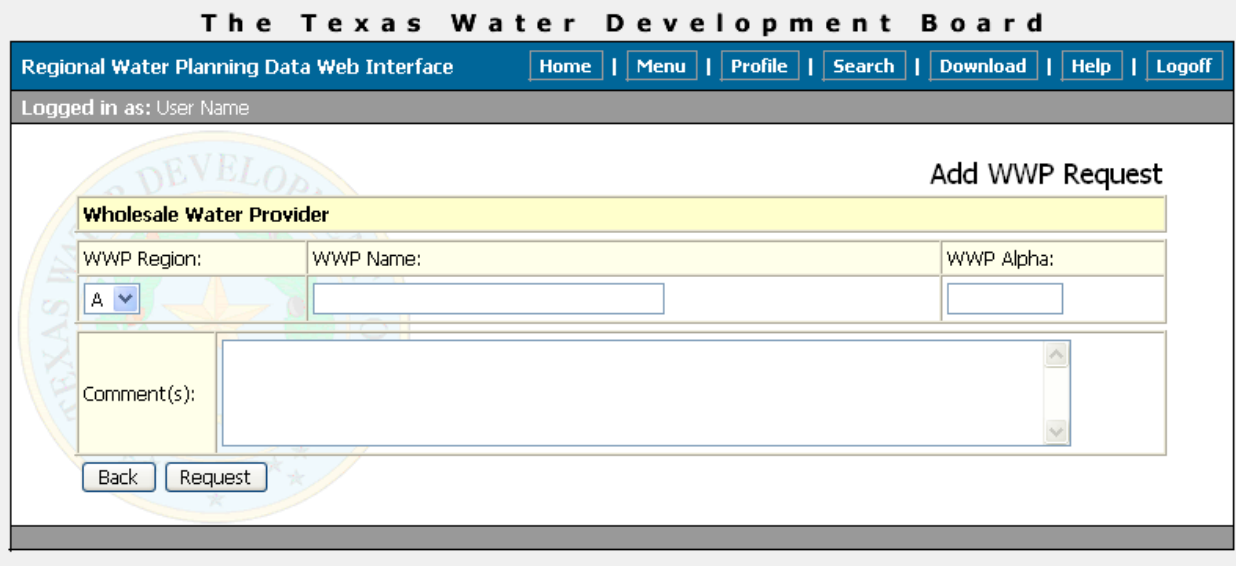


Figure 6.39- The Add WWP Request Form

6.4 Water Management Strategies

The data within the Water Management Strategy forms include all added WMSs for each regional water planning area. Please refer to Exhibit B for further explanation of Water Management Strategies.

6.4.1 Requesting to Add a Water Management Strategy Project

To begin your work on Water Management Strategies, you must first request to add a Water Management Strategy Project. To do so, click on the **Request to Add WMS Project** link under Water Management Strategies on the **Menu** button.

6.4.1.1 Request to Add WMS Project Form

The Request to Add WMS Project form loads when you click on the **Request to Add WMS Project** link on the **Menu** button. This form is pictured in figure 6.40. There are nine editable fields on this form. They are listed as follows:

- **Region Requesting to Add WMS Project**
- **Sponsor Region**
- **Project ID**
- **WMS Project Name**
- **WMS Type**
- **WMS Infrastructure**
- **Select Additional RWPGs that will use this project**
- **Regional Comments**
- **Comments for this Request**

Make sure you select what regions can use this project, as this is how access is set up for other regions to edit their data associated with the project. Additional buttons on the page include the **Back** button, which takes you to the previous page you were viewing, the **Reset** button, which resets the form, and the **Request** button, submits the request to the Administrator.

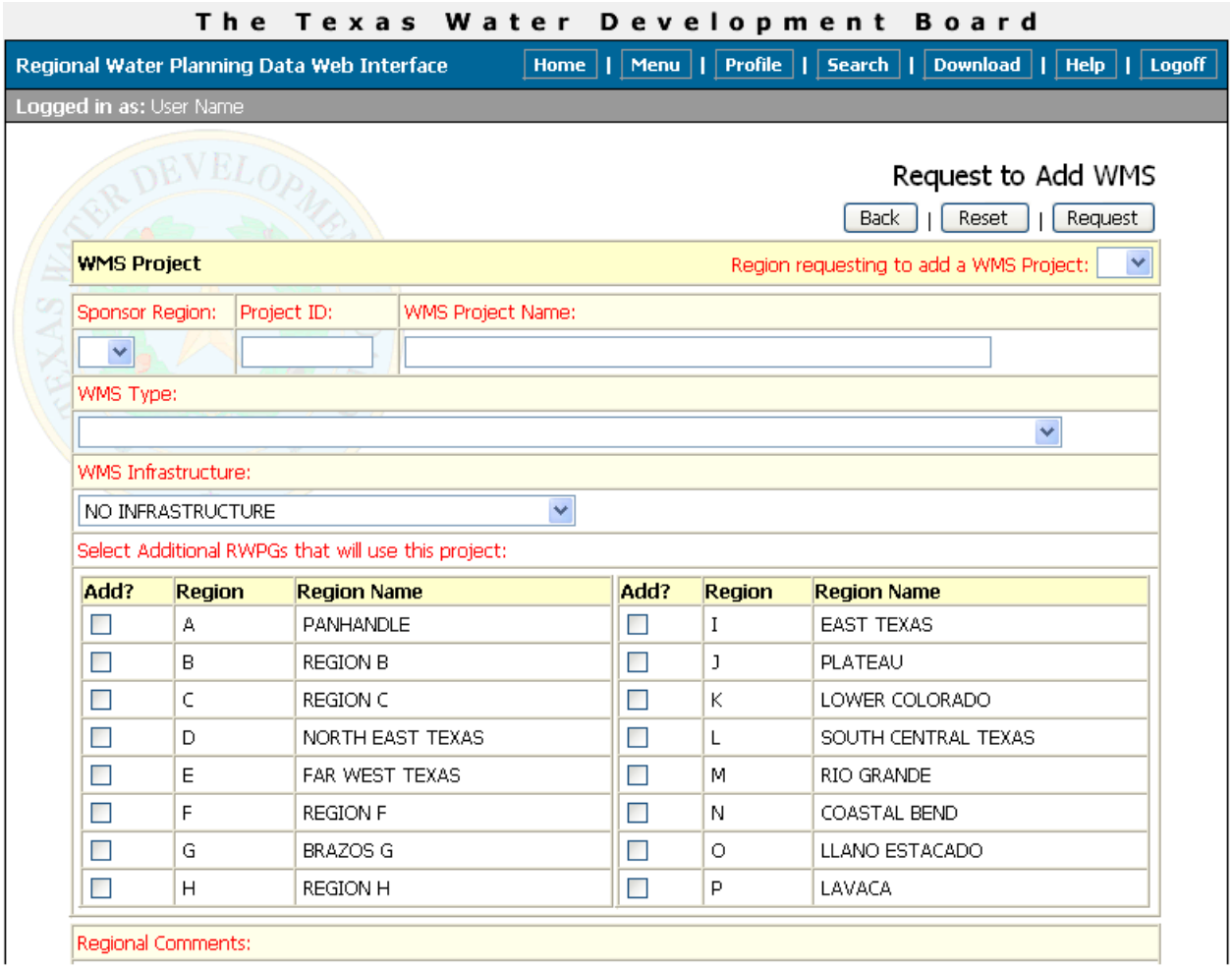
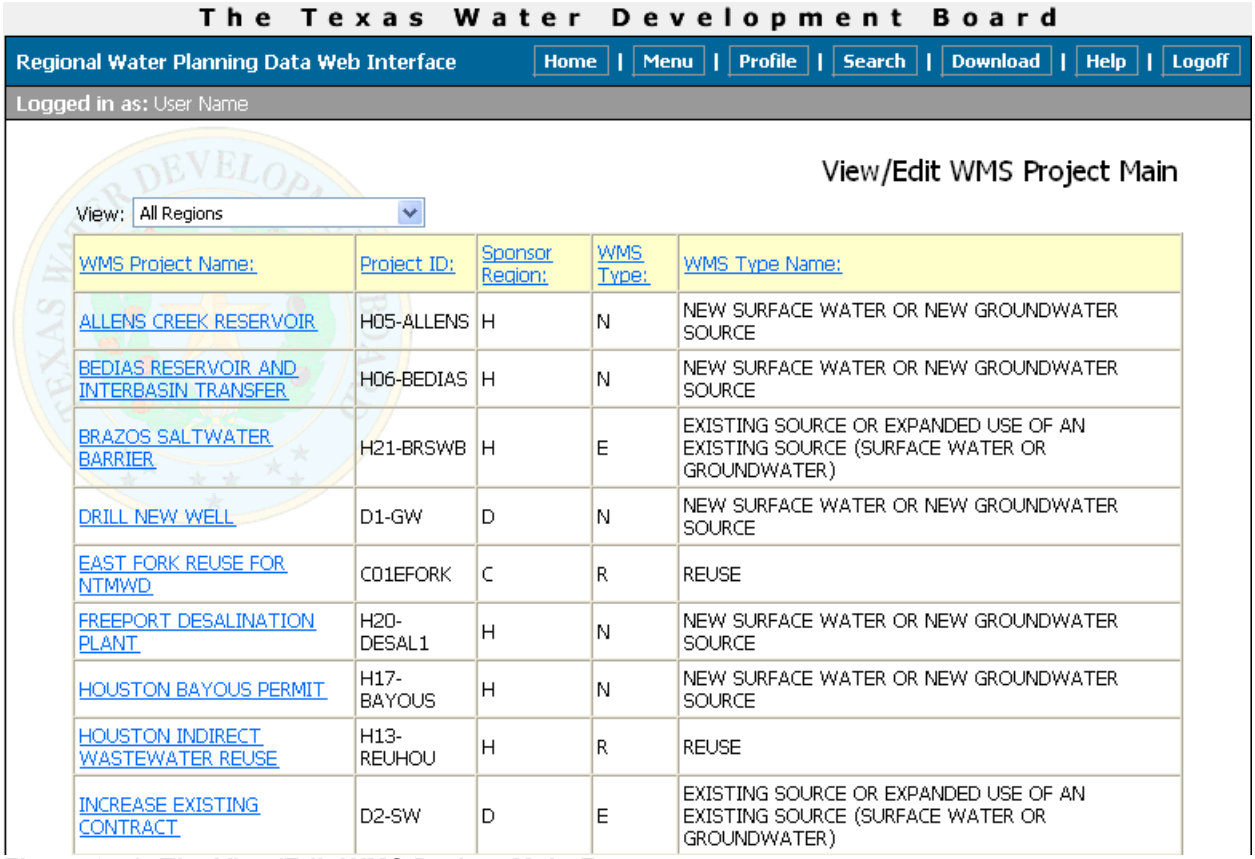


Figure 6.40- The Request to Add WMS Form

6.4.2 View/Edit WMS Project Main Form

Once a WMS Project has been added you will then go to the View/Edit WMS Project Main form, which can be accessed from the **Menu** button (**Menu > Water Management Strategies > View/Edit WMS Projects**) and is shown in Figure 6.41. This form lists all the WMS Projects available in the database.



WMS Project Name:	Project ID:	Sponsor Region:	WMS Type:	WMS Type Name:
ALLENS CREEK RESERVOIR	H05-ALLENS	H	N	NEW SURFACE WATER OR NEW GROUNDWATER SOURCE
BEDIAS RESERVOIR AND INTERBASIN TRANSFER	H06-BEDIAS	H	N	NEW SURFACE WATER OR NEW GROUNDWATER SOURCE
BRAZOS SALTWATER BARRIER	H21-BRSWB	H	E	EXISTING SOURCE OR EXPANDED USE OF AN EXISTING SOURCE (SURFACE WATER OR GROUNDWATER)
DRILL NEW WELL	D1-GW	D	N	NEW SURFACE WATER OR NEW GROUNDWATER SOURCE
EAST FORK REUSE FOR NTMWD	C01EFORK	C	R	REUSE
FREEPORT DESALINATION PLANT	H20-DESAL1	H	N	NEW SURFACE WATER OR NEW GROUNDWATER SOURCE
HOUSTON BAYOUS PERMIT	H17-BAYOUS	H	N	NEW SURFACE WATER OR NEW GROUNDWATER SOURCE
HOUSTON INDIRECT WASTEWATER REUSE	H13-REUHOU	H	R	REUSE
INCREASE EXISTING CONTRACT	D2-SW	D	E	EXISTING SOURCE OR EXPANDED USE OF AN EXISTING SOURCE (SURFACE WATER OR GROUNDWATER)

Figure 6.41- The View/Edit WMS Project Main Form

6.4.2.1 Sorting the WMS Project List

You may sort this list by WMS Project Name, Project ID, Sponsor Region, WMS Type or WMS Type Name, by clicking on the appropriate column header. Or, if you would prefer, you may search for a WMS Project by clicking the **Search Water Management Strategy Project(s)** link on the **Search** button. This feature is further described in section 8.4.

6.4.2.2 Limiting the Records in the WMS Project List

If you are an approved consultant with editing rights, you may also limit the number of records in the list by selecting the view choice from the dropdown box above the table. You may select to view records either by all regions, by your sponsored projects (the WMS Projects whose sponsor region you have editing rights to), or by your non-sponsored projects (the WMS Projects that you have editing rights to, but not editing rights to the WMS Project's sponsor region).

6.4.2.3 Viewing a WMS Project Detail

To view detailed information about a specific WMS Project or to edit a WMS Project, click on the specific WMS Project name that is listed in the WMS Project name column.

6.4.3 View WMS Project Form

The View WMS Project form, containing the details of a specific WMS Project and pictured in figure 6.42 and figure 6.43, loads when you select an individual WMS Project from the View/Edit WMS Project Main form. There is no editing on this form.

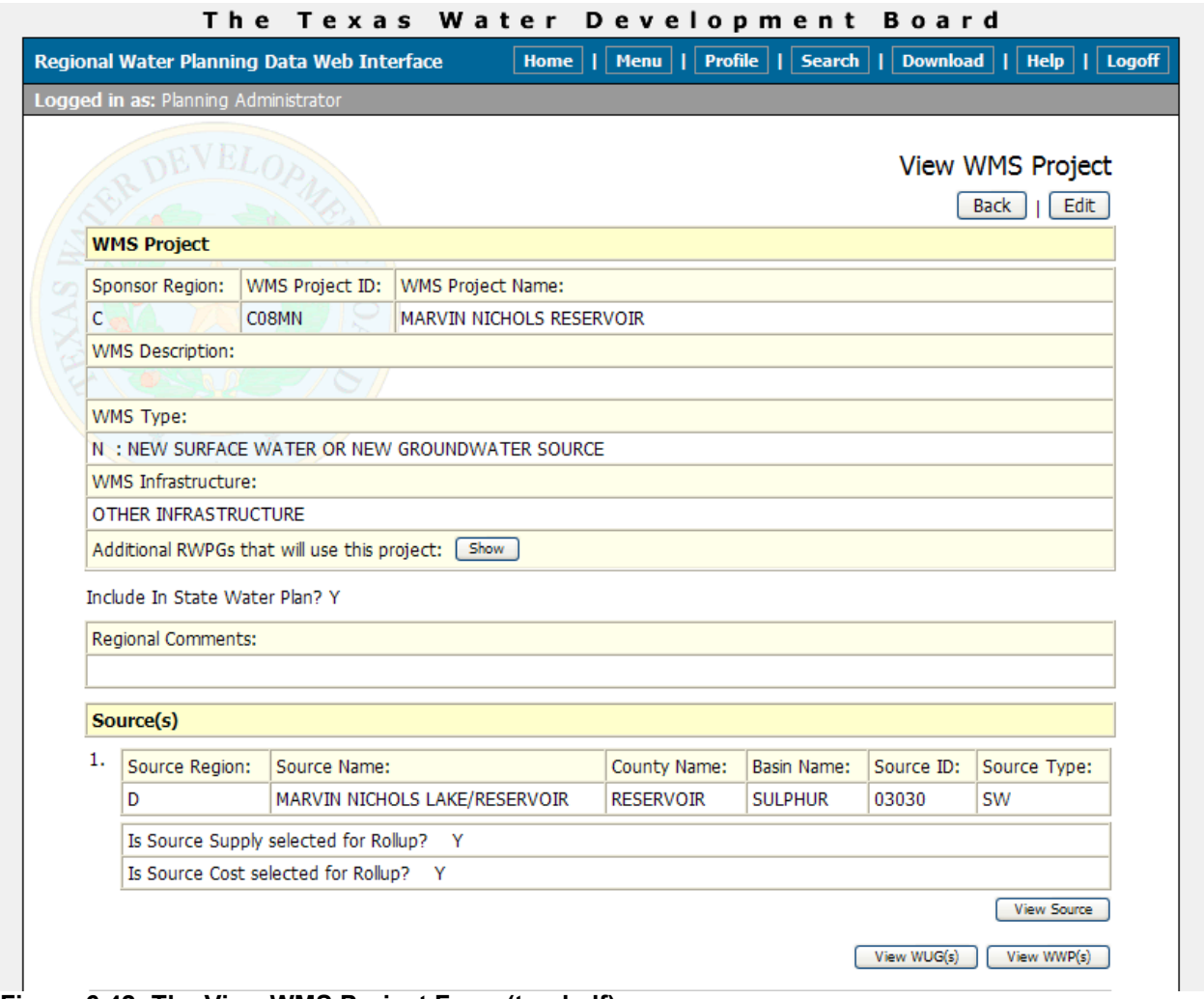


Figure 6.42- The View WMS Project Form (top half)

WMS Project Strategy Supply Summary

Calculate Total Yield of WMS based on Total Yield of Sources chosen for rollup?

Calculate Total Yield of WMS based on all Sources?

Enter Total Yield of WMS Source?

	2010:	2020:	2030:	2040:	2050:	2060:
Total Yield of WMS:	0	0	244920	262420	489840	489840

WMS Project Strategy Cost Summary

Calculate Total Cost of WMS based on Total Cost of Sources chosen for rollup?

Calculate Total Cost of WMS based on all Sources?

	2010:	2020:	2030:	2040:	2050:	2060:
Total WMS Annual Operating Costs:	$0.00	$0.00	$135,581,500	$141,023,500	$219,825,000	$117,203,000
Total WMS Capital Costs:						$2,159,053,000.00

Figure 6.43- The View WMS Project Form (bottom half)

6.4.3.1 Returning to the View/Edit WMS Project Main Form

If you do not have editing rights to this WMS Project's sponsor region or any regions associated with this WMS Project, you will only have the **Back** button in the upper right-hand region of the screen. This button will take you back to the View/Edit WMS Project Main form when clicked.

6.4.3.2 Editing a WMS Project

If you are an approved consultant with editing rights to the WMS Project's sponsor region or any regions associated with the WMS Project, you will have an **Edit** button in the upper right-hand region of your screen. If you are a consultant with editing rights to the WMS Project's sponsor region, you will be able to edit all of the WMS Project's data, add and delete Sources from the WMS Project, and add, delete, and edit any WUGs, WWPs, and/or WWP Customers that are located in your regions. If you are a consultant with editing rights to a region associated with the WMS Project you will be able to add, delete and edit any WUGs, WWPs, and/or WWP Customers that are located in your regions. When you click the **Edit** button you will be taken to the Edit WMS Project form, described in section 6.4.5, where you may make changes to the WMS Project.

6.4.3.3 Viewing a Regions Associated with a WMS Project

All users may view what Regions are associated with a WMS Project by clicking on the **Show** button on the View WMS Project form. Clicking this button will expand the region list on the page, shown in figure 6.44. To collapse this list, simply click on the **Hide** button that appears when the list is expanded.

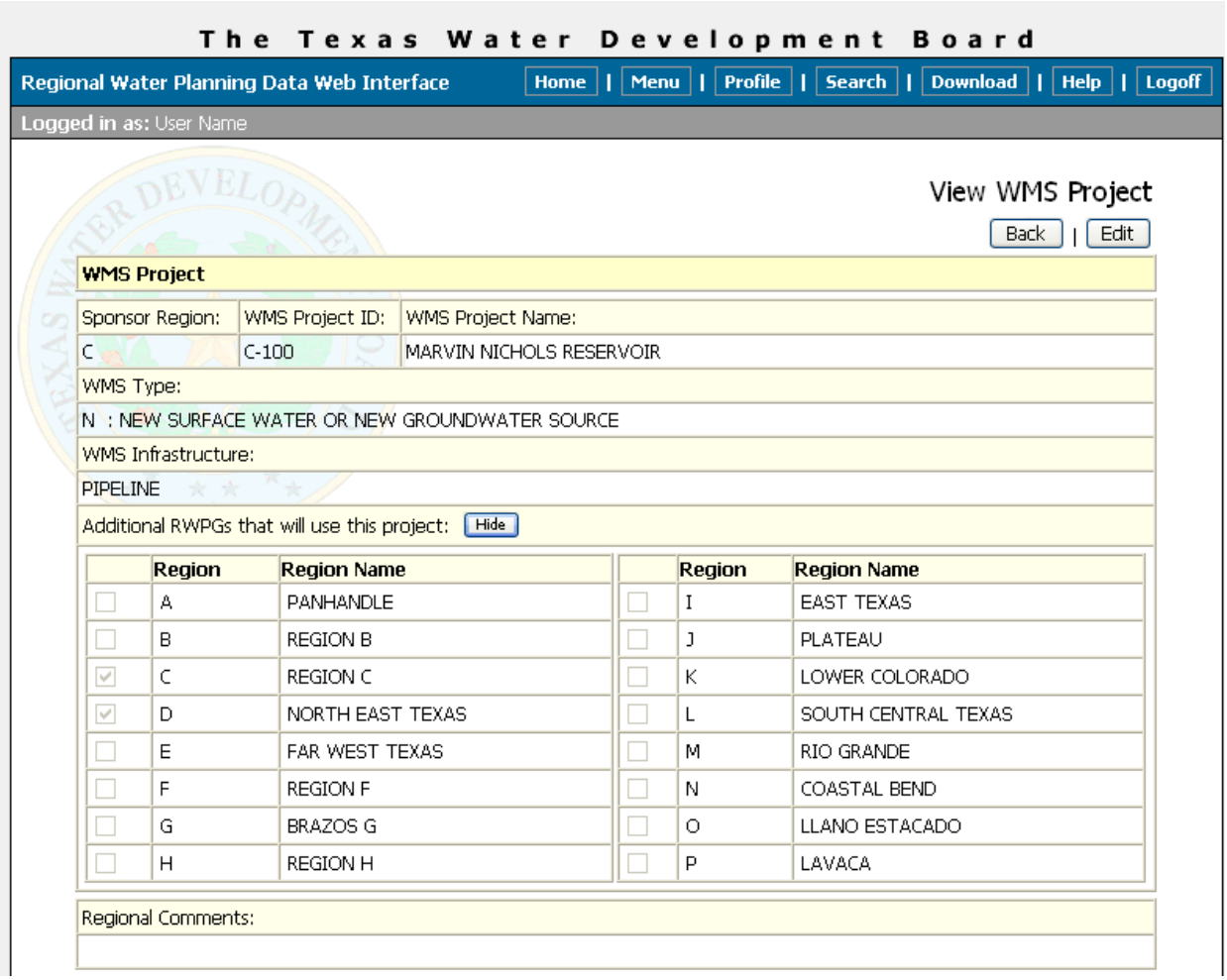


Figure 6.44- The View WMS Project Form with Region List Expanded

6.4.3.4 Viewing a Source Associated with a WMS Project

All users may view what Sources are associated with a WMS Project by clicking on the **View Source** button on the View WMS Project form. Clicking this button will take you to the View WMS Source form, shown in figure 6.45 and figure 6.46. To return to the View WMS Project form, click the **Back** button on the page.

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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View WMS Source

Back

WMS Project		
Sponsor Region:	WMS Project ID:	WMS Project Name:
C	C08MN	MARVIN NICHOLS RESERVOIR

Source				
Source Name:	Source ID:	Source Region:	Source Type:	System? (Y/N):
MARVIN NICHOLS LAKE/RESERVOIR	03030	D	SURFACE WATER	N

County Name:	RESERVOIR
County ID:	999
Basin Name:	SULPHUR
Basin ID:	03

Water Quality Improvements:	N/A : NO WATER QUALITY IMPROVEMENTS
Online Date:	2030
WMS Funding Date:	2030

Include In State Water Plan? Y

Include WMS Source Total Yield numbers in WMS Project Total Yield Rollup? Y

Include WMS Source Cost numbers in WMS Project Cost Rollup? Y

Regional Comments:

Figure 6.45- The View WMS Source Form (top half)

Source Strategy Supply Summary

- ○ Calculate Total Yield of WMS Source based on WUG and/or WWP WMS Supply chosen for rollup?
- ◉ Calculate Total Yield of WMS Source based on all WUGs and WWPs?
- ○ Enter Total Yield of WMS Source?

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply of WMS Source:	0	0	244920	262420	489840	489840

Source Strategy Cost Summary

- ○ Calculate Total Cost of WMS Source based on Total Cost of WUGs and/or WWPs chosen for rollup?
- ◉ Calculate Total Cost of WMS Source based on all WUG and/or WWP WMS Costs?

	2010:	2020:	2030:	2040:	2050:	2060:
Total WMS Source Annual Operating Costs:	$0.00	$0.00	$135,581,500	$141,023,500	$219,825,000	$117,203,000
Total WMS Capital Costs for this Source:						$2,159,053,000.00

Figure 6.46- The View WMS Source Form (bottom half)

6.4.3.5 Viewing WUGs Associated with a WMS Project

All users may view what WUGs are associated with a WMS Project by clicking on the **View WUG(s)** button on the View WMS Project form. Clicking this button will take you to the WUG section of the View WMS Source form, shown in figure 6.47. To return to the View WMS Project form, click the **Back** button on the page.

WUG(s)

Selected Strategies

1.

WUG Region:	WUG Name:	WUG Detail:	WUG ID:	County Name:	Basin Name:
H	BIG OAKS MUD	NONE	084020000	FORT BEND	SAN JACINTO

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WUG:	0	0	1332	1332	1332	1332

Is WUG selected for Rollup? Y

Is WUG Cost selected for Rollup? Y

View WUG

2.

WUG Region:	WUG Name:	WUG Detail:	WUG ID:	County Name:	Basin Name:
H	CINCO MUD #2	NONE	084058000	FORT BEND	SAN JACINTO

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WUG:	0	0	5102	5102	5102	5102

Is WUG selected for Rollup? Y

Is WUG Cost selected for Rollup? Y

View WUG

3.

WUG Region:	WUG Name:	WUG Detail:	WUG ID:	County Name:	Basin Name:
H	CINCO MUD #6	NONE	084059000	FORT BEND	SAN JACINTO

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WUG:	0	0	936	936	936	936

Is WUG selected for Rollup? Y

Is WUG Cost selected for Rollup? Y

View WUG

Figure 6.47- The View WMS Source Form WUG Section

6.4.3.6 Viewing WWPs Associated with a WMS Project

All users may view what WWPs are associated with a WMS Project by clicking on the **View WWP(s)** button on the View WMS Project form. Clicking this button will take you to the WWP section of the View WMS Source form, shown in figure 6.48. To return to the View WMS Project form, click the **Back** button on the page.

WWP(s)

Selected Strategies

1.

Sponsor Region:	WWP Name:
C	NORTH TEXAS MWD

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	87420	87420	174840	174840

View WWP

2.

Sponsor Region:	WWP Name:
C	TARRANT REGIONAL WD

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	140000	140000	280000	280000

View WWP

3.

Sponsor Region:	WWP Name:
C	UPPER TRINITY REGIONAL WD

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	17500	35000	35000	35000

View WWP

Figure 6.48- The View WMS Source Form WWP Section

6.4.4 Viewing a WMS Source

The View WMS Source form, shown in figures 6.45, 6.46, 6.47and 6.48, allows a user to view details about a source associated with a WMS project. It has two buttons that allow the user to view the details of WUG and WWP WMSs, the **View WUG** button and the **View WWP** button.

6.4.4.1 View WUG WMS Form

When you click on the **View WUG** button on the View WMS Source form, the View WUG WMS form loads, as pictured in figure 6.49. This form displays the details of a

WUG WMS. To return to the View WMS Source form, click the **Back** button on the page.

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

View WUG WMS

Back

WMS Project		
Sponsor Region:	Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

Source					
Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
H	ALLENS CREEK LAKE/RESERVOIR	AUSTIN	BRAZOS	12900	SW

Water Quality Improvements:	Online Date:
NO WATER QUALITY IMPROVEMENTS	2030

WUG					
WUG Region:	WUG Name:	WUG ID:	WUG Detail:	County Name:	Basin Name:
H	BIG OAKS MUD	084020000	NONE	FORT BEND	SAN JACINTO

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WUG:	0	0	1332	1332	1332	1332

Include Total Strategy Supply Volume for this WUG in WMS Source Total Yield Rollup? Y

Recommendation Type?	Is Used to Meet Need?		IBT?
Recommended	Y		Y
Seller's Name:	Seller's Alpha:	WWP ID:	WUG ID:
HOUSTON CITY OF	396200	140108095	080285000

Recursive WMS Supply?:	Recursive WMS Project ID:
N	

Include WUG WMS Cost numbers in WMS Source Cost Rollup? Y

Note: Costing data is based on WUG ID.						
	2010	2020	2030	2040	2050	2060
WUG WMS Annual Cost:	$0.00	$0.00	$174,492.00	$174,492.00	$174,492.00	$174,492.00

WUG Capital Cost:	$5,880,838.00
Term of Debt Service:	0

Regional Comments:

Figure 6.49- View WUG WMS Form

6.4.4.2 View WWP WMS Form

When you click on the **View WWP** button on the View WMS Source form, the View WWP WMS form loads, as pictured in figure 6.50. This form displays the details of a WWP WMS. To return to the View WMS Source form, click the **Back** button on the page. To view details about a specific WWP Customer listed on the page click the **View Customer** button.

View WWP WMS

Back

WMS Project

Sponsor Region:	Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

Source

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
H	ALLENS CREEK LAKE/RESERVOIR	AUSTIN	BRAZOS	12900	SW

WWP

WWP Region:	WWP Name:
G	BRAZOS RIVER AUTHORITY

Recommendation Type?:	Is Used to Meet Need?
Recommended	N

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WWP:	0	0	40650	40650	40650	40650

IBT?:	N

Customer(s)

1.

Region:	Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
H	BRAZOS RIVER AUTHORITY - FUTURE CUSTOMERS		COUNTY-OTHER	BRAZORIA	BRAZOS

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP Customer:	0	0	40650	40650	40650	40650

Is WWP Customer selected for Rollup? N

View Customer

Include WWP WMS Cost numbers in WMS Source Cost Rollup? Y

	2010	2020	2030	2040	2050	2060
WWP WMS Annual Cost:	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

WWP Capital Costs:	$51,012,000.00
Term of Debt Service:	0

Regional Comments:

Figure 6.50- View WWP WMS Form

6.4.4.2.1 View WWP Customer WMS Form

When the View Customer button is clicked on the View WWP WMS form, the View WWP Customer WMS form is loaded, as pictured in figure 6.51. This form displays the details of the WWP Customer WMS. To return to the View WWP WMS form, click the Back button on the page.

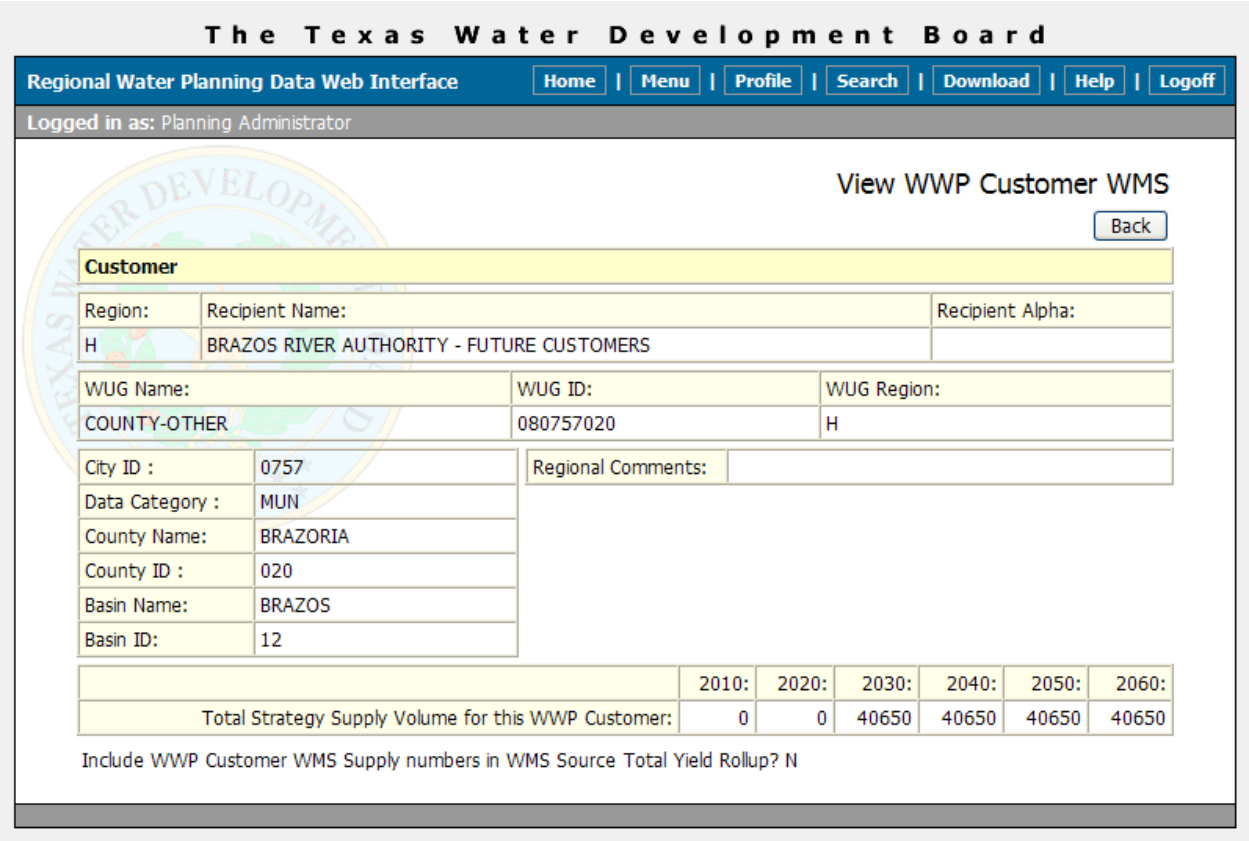

Figure 6.51- View WWP Customer WMS Form

6.4.5 Edit WMS Project Form

The Edit WMS Project form, shown in figure 6.52 and figure 6.53, loads when you click the **Edit** button on the View WMS Project form. To return to the View WMS Project form, click the **Back** button on the page. This form is only available to approved consultants with editing rights. All fields labeled in red are editable fields.

For consultants who have permissions to edit the WMS Project sponsor region, note that there are six editable fields on this form. They are listed as follows:

- **WMS Description**
- **Additional RWPGs that will use this project**
- **Include in State Water Plan?**
- **Regional Comments**
- **WMS Project Strategy Supply Summary**
- **WMS Project Strategy Cost Summary**

In addition to the editable fields, there are four source-editing options. First, if you have permissions to the WMS Project's sponsor region you may add a source by clicking on the **Add Source** button. Second, all consultants may view a source by clicking on the **View Source** button; this feature was described in section 6.4.4. Third, all consultants with permissions to the project may edit a source by clicking on the **Edit Source** button. Finally, if a user has permissions to the WMS Project's sponsor region, you may delete a source by clicking on the **Delete Source** button. Each of these features is described in the following sections.

There are two additional buttons listed on the Edit WMS Project page. The **View /Edit WUG(s)** button loads the WUG section of the Edit WMS Source form. The **View/Edit WWP(s)** button loads the WWP section of the Edit WMS Source form. These sections of the Edit WMS Source form will be described in the following sections.

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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

Edit WMS Project

Back | Reset | Update | Delete

WMS Project Data Entry Complete for this WMS Project? N

Sponsor Region:	Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

WMS Description:

WMS Type:

N : NEW SURFACE WATER OR NEW GROUNDWATER SOURCE

WMS Infrastructure:

OTHER INFRASTRUCTURE

Additional RWPGs that will use this project: Show

Include in State Water Plan? Y

Regional Comments:

Permitted yield is 99,650 acre-feet/year (70% Houston, 30% BRA) -
Permit owners are TWDB, BRA and City of Houston -
Water Right Permit 12-3194A issued Jan 16, 2002
Total Capital Cost: $170,040,000.

Source(s) Add Source(s)

1.

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
H	ALLENS CREEK LAKE/RESERVOIR	AUSTIN	BRAZOS	12900	SW

Is Source Supply selected for Rollup? Y

Is Source Cost selected for Rollup? Y

View Source | Edit Source | Delete Source

Add/Edit WUG(s) | Add/Edit WWP(s)

Figure 6.52- Edit WMS Project Form (top half)

WMS Project Strategy Supply Summary

○ Calculate Total Yield of WMS based on Total Yield of Sources chosen for Rollup?

◉ Calculate Total Yield of WMS based on all Sources?

○ Enter Total Yield of WMS?

	2010:	2020:	2030:	2040:	2050:	2060:
Total Yield of WMS:	0	0	97410	97410	97410	97410

WMS Project Strategy Cost Summary

○ Calculate Total Cost of WMS based on Total Cost of Sources chosen for Rollup?

◉ Calculate Total Cost of WMS based on all Sources?

	2010:	2020:	2030:	2040:	2050:	2060:
Total WMS Annual Operating Costs:	$0.00	$0.00	$12,760,710.(	$12,760,710.(	$12,760,710.(	$12,760,710.(
Total WMS Capital Costs:						$471,279,231.00

Figure 6.53- Edit WMS Project Form (bottom half)

6.4.6 Adding a Source to a WMS Project

To add a Source to a WMS Project, you click on the **Add Source(s)** button on the Edit WMS Project form. This will load the Associate WMS Source form, pictured in 6.54, which lists all of the Sources located in the regions associated with the WMS Project. You can sort this list by Region, Name, County, Basin, Source ID, or Source Type by clicking on the column headings. If you cannot find a specific Source, you can search for a source by clicking on the "**Cannot find Source? Search?**" link at the top of the page. To add a Source or multiple Sources, simply click on the check box to the right of the source listing to select it. Once you have selected your source, click the **Associate Source(s)** button to add the Source(s) to the WMS Project. If the source you need is not currently listed as a source, you can request to add a source. Refer to section 6.1.6 for guidance on how to add a source.

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Associate WMS Source

Cannot find Source? Search?

Associate Source

Add?	Region	Name	County	Basin	Source ID	Source Type
☐	C	ARLINGTON LAKE/RESERVOIR	RESERVOIR	TRINITY	08120	SW
☐	C	BARDWELL LAKE/RESERVOIR	RESERVOIR	TRINITY	08210	SW
☐	C	BENBROOK LAKE/RESERVOIR	RESERVOIR	TRINITY	08060	SW
☐	C	BONHAM LAKE/RESERVOIR	RESERVOIR	RED	02270	SW
☐	C	BRIDGEPORT LAKE/RESERVOIR NON-SYSTEM PORTION	RESERVOIR	TRINITY	08010P	SW
☐	C	BRIDGEPORT-EAGLE MOUNTAIN-WORTH LAKE/RESERVOIR SYSTEM	RESERVOIR	TRINITY	086C0	SW
☐	C	BRYSON LAKE/RESERVOIR	RESERVOIR	BRAZOS	12870	SW
☐	C	CARRIZO-WILCOX AQUIFER	FREESTONE	TRINITY	08110	GW
☐	C	CARRIZO-WILCOX AQUIFER	FREESTONE	BRAZOS	08110	GW
☐	C	CARRIZO-WILCOX AQUIFER	HENDERSON	TRINITY	10710	GW
☐	C	CARRIZO-WILCOX AQUIFER	NAVARRO	TRINITY	17510	GW
☐	C	CEDAR CREEK LAKE/RESERVOIR NON-SYSTEM PORTION	RESERVOIR	TRINITY	08190P	SW
☐	C	CEDAR CREEK-RICHLAND CHAMBERS LAKE/RESERVOIR SYSTEM	RESERVOIR	TRINITY	086E0	SW
☐	C	CLARK LAKE/RESERVOIR	RESERVOIR	TRINITY	08640	SW
☐	C	COFFEE MILL LAKE/RESERVOIR	RESERVOIR	RED	02280	SW
☐	C	CONSERVATION	COLLIN	SABINE	3805043	C
☐	C	CONSERVATION	COLLIN	TRINITY	3808043	C
☐	C	CONSERVATION	COOKE	RED	3802049	C
☐	C	CONSERVATION	COOKE	TRINITY	3808049	C

Figure 6.54- Add Source to WMS Project Form

6.4.7 The Edit WMS Source Form

When you click on the **Edit Source** button you will be directed to the Edit WMS Source form, pictured in figure 6.55 and figure 6.56. All editable fields are labeled in red and are only editable by the users who have permissions to the WMS Project's sponsor region.

There are ten different editable fields listed as follows:

- **Data Entry Complete for this Source**
- **Water Quality Improvements**
- **Online Date**
- **WMS Funding Date**
- **Regional Comments**
- **Include in State Water Plan?**
- **Include in WMS Source Total Yield numbers in WMS Project Total Yield Rollup?**
- **Include in WMS Source Cost numbers in WMS Project Cost Rollup?**
- **Source Strategy Supply Summary**
- **Source Strategy Cost Summary**

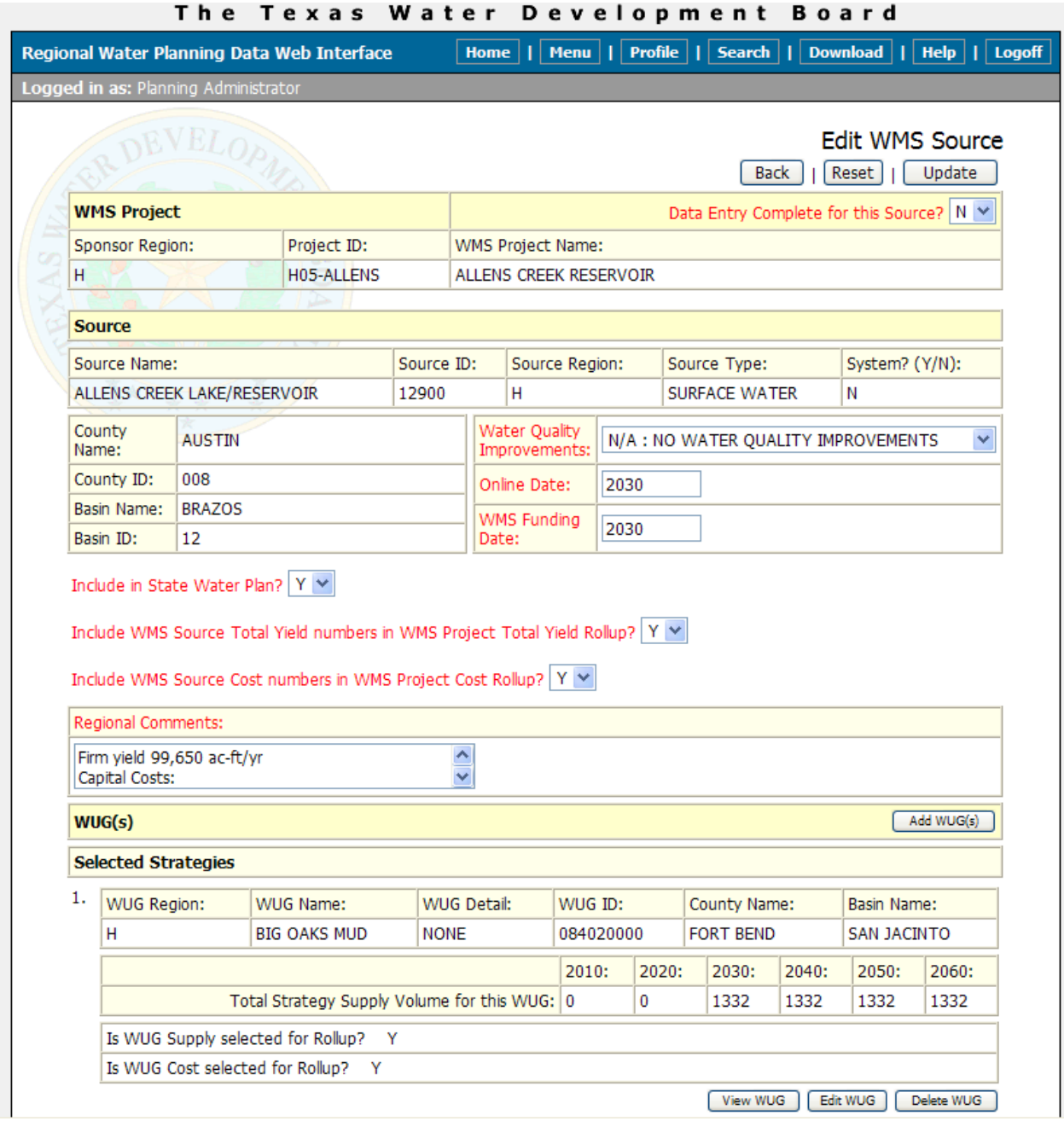
Be sure to edit all of these fields on the Edit WMS Source form.

In addition to the ten editable fields, there are four WUG and four WWP editing options.

For WUGs, you may first add a WUG by clicking on the **Add WUG** button. You will only be able to add WUGs that are located in regions associated with the WMS Project and whose region you have permissions to edit. Second, you may view a WUG associated with the WMS Source by clicking on the **View WUG** button, this feature was discussed in section 6.4.4.1. Third, by clicking on the **Edit WUG** button, you may edit a WUG WMS if you have editing rights to the region in which the WUG is located. Finally, you may delete a WUG by clicking on the **Delete WUG** button if you have editing rights to the region in which the WUG is located.

For WWPs you may first add a WWP by clicking on the **Add WWP** button. You will only be able to add WWPs whose customers are located in regions associated with the WMS Project and whose customer regions you have permissions to edit. Second, you may view a WWP associated with the WMS Source by clicking on the **View WWP** button, this feature was discussed in section 6.4.4.2. Third, by clicking on the **Edit WWP** button, you may edit a WWP WMS if you have editing rights to the region in which the WWP is located. Finally, you may delete a WWP by clicking on the **Delete WWP** button if you have editing rights to the region in which the WWP is located.

Each of these features is described in the following sections. To return to the Edit WMS Project form, click the **Back** button in the upper right corner of the form.



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Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

Edit WMS Source

Back | Reset | Update

WMS Project		Data Entry Complete for this Source? N
Sponsor Region:	Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

Source

Source Name:	Source ID:	Source Region:	Source Type:	System? (Y/N):
ALLENS CREEK LAKE/RESERVOIR	12900	H	SURFACE WATER	N

County Name:	AUSTIN	Water Quality Improvements:	N/A : NO WATER QUALITY IMPROVEMENTS
County ID:	008	Online Date:	2030
Basin Name:	BRAZOS	WMS Funding Date:	2030
Basin ID:	12		

Include in State Water Plan? Y

Include WMS Source Total Yield numbers in WMS Project Total Yield Rollup? Y

Include WMS Source Cost numbers in WMS Project Cost Rollup? Y

Regional Comments:

Firm yield 99,650 ac-ft/yr
Capital Costs:

WUG(s) Add WUG(s)

Selected Strategies

1.

WUG Region:	WUG Name:	WUG Detail:	WUG ID:	County Name:	Basin Name:
H	BIG OAKS MUD	NONE	084020000	FORT BEND	SAN JACINTO

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WUG:	0	0	1332	1332	1332	1332

Is WUG Supply selected for Rollup? Y

Is WUG Cost selected for Rollup? Y

View WUG | Edit WUG | Delete WUG

Figure 6.55- Edit WMS Source Form (top half)

2.

Sponsor Region:	WWP Name:
H	GULF COAST WATER AUTHORITY

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	3119	3119	3119	3119

View WWP | Edit WWP | Delete WWP

3.

Sponsor Region:	WWP Name:
H	HOUSTON CITY OF

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP:	0	0	56760	56760	56760	56760

View WWP | Edit WWP | Delete WWP

Source Strategy Supply Summary

- (●) Calculate Total Yield of WMS Source based on WUG and/or WWP WMS Supply chosen for rollup?
- ( ) Calculate Total Yield of WMS Source based on all WUGs and WWPs?
- ( ) Enter Total Yield of WMS Source?

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply of WMS Source:	0	0	97410	97410	97410	97410

Source Strategy Cost Summary

- ( ) Calculate Total Cost of WMS Source based on Total Cost of WUGs and/or WWPs chosen for rollup?
- (●) Calculate Total Cost of WMS Source based on all WUG and/or WWP WMS Costs?

	2010:	2020:	2030:	2040:	2050:	2060:
Total WMS Source Annual Operating Costs:	$0.00	$0.00	$12,760,710.0	$12,760,710.0	$12,760,710.0	$12,760,710.0
Total WMS Capital Costs for this Source:						$471,279,231.00

Figure 6.56- Edit WMS Source Form (bottom half)

6.4.7.1 Adding a WUG to a WMS Source

To add a WUG to a WMS Source, you must click on the **Add WUG** button on the Edit WMS Source form. This will load the Add WUG(s) to WMS Project form, pictured in 6.57, which lists all of the WUGs located in the regions associated with the WMS Project. You can sort the list by WUG Name, WUG Detail, WUG ID, WUG Region, County Name, and Basin Name by clicking on the column headings. If you cannot find a specific WUG, you can search for a WUG by clicking on the “Search?” link at the top of the page. To add a WUG or multiple WUGs, simply click on the check box to the left of the WUG listing to select it. Once you have selected your WUG(s), click the **Add WUG(s)** button to add the WUG(s) to the WMS Source.

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Add WUG(s) to WMS Project

Search?

Add WUG(s)

Add?	WUG Name	WUG Detail	WUG ID	WUG Region	County Name	Basin Name
☐	ABLE SPRINGS WSC	NONE	044001000	D	HUNT	SABINE
☐	ABLE SPRINGS WSC	NONE	044001000	D	VAN ZANDT	SABINE
☐	ADDISON	NONE	030673000	C	DALLAS	TRINITY
☐	ALEDO	NONE	030674000	C	PARKER	TRINITY
☐	ALLEN	NONE	030008000	C	COLLIN	TRINITY
☐	ALVORD	NONE	030810000	C	WISE	TRINITY
☐	ANNETTA	NONE	030814000	C	PARKER	TRINITY
☐	ANNETTA SOUTH	NONE	030997000	C	PARKER	TRINITY
☐	ARGYLE	NONE	030677000	C	DENTON	TRINITY
☐	ARGYLE WSC	NONE	034007000	C	DENTON	TRINITY
☐	ARLINGTON	NONE	030025000	C	TARRANT	TRINITY

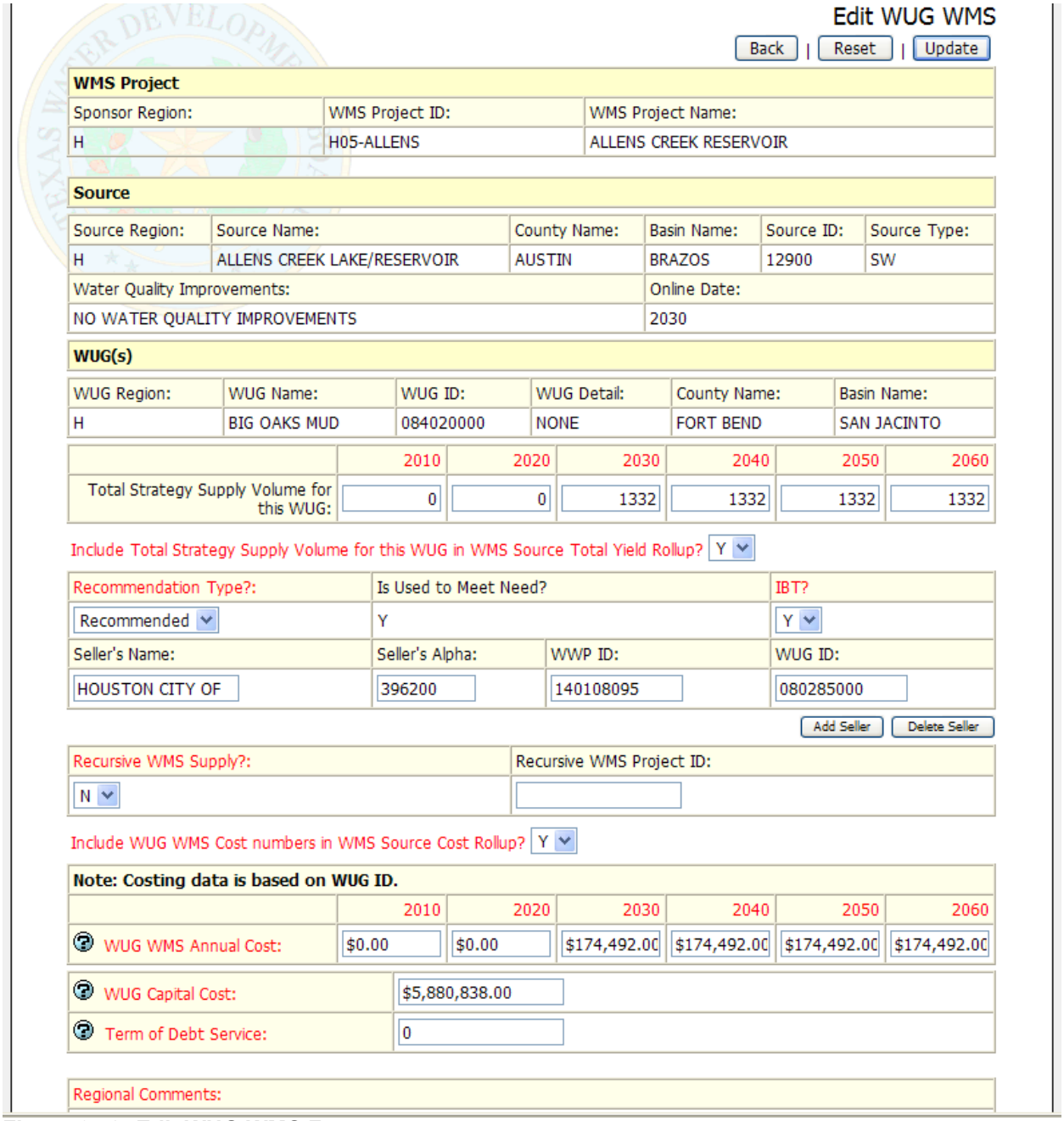
Figure 6.57- Add WUG(s) to WMS Project Form

6.4.7.2 Editing a WUG WMS

When you click on the **Edit WUG** button on the Edit WMS Source form the Edit WUG WMS form will load. This form, pictured in figure 6.58, lists the details of the WUG WMS. To return to the Edit WMS Source form, click the **Back** button at the top right of the page.

There are eleven editable fields/buttons on this form. They are listed as follows:

- **Total Strategy Supply Volume for this WUG:** 2010, 2020, 2030, 2040, 2050, 2060
- **Include Total Strategy Supply Volume for this WUG in WMS Source Total Yield Rollup?**
- **Recommendation Type?**
- **IBT?**
- **Add Seller/Delete Seller**
- **Recursive WMS Supply?**
- **Include WUG WMS Cost numbers in WMS Source Cost Rollup?**
- **WUG WMS Annual Cost:** 2010. 2020. 2030. 2040. 2050. 2060
- **WUG Capital Cost**
- **Term of Debt Service**
- **Regional Comments**



Edit WUG WMS

Back | Reset | Update

WMS Project

Sponsor Region:	WMS Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

Source

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
H	ALLENS CREEK LAKE/RESERVOIR	AUSTIN	BRAZOS	12900	SW

Water Quality Improvements:	Online Date:
NO WATER QUALITY IMPROVEMENTS	2030

WUG(s)

WUG Region:	WUG Name:	WUG ID:	WUG Detail:	County Name:	Basin Name:
H	BIG OAKS MUD	084020000	NONE	FORT BEND	SAN JACINTO

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WUG:	0	0	1332	1332	1332	1332

Include Total Strategy Supply Volume for this WUG in WMS Source Total Yield Rollup? Y

Recommendation Type?:	Is Used to Meet Need?		IBT?
Recommended	Y		Y
Seller's Name:	Seller's Alpha:	WWP ID:	WUG ID:
HOUSTON CITY OF	396200	140108095	080285000

Add Seller | Delete Seller

Recursive WMS Supply?:	Recursive WMS Project ID:
N	

Include WUG WMS Cost numbers in WMS Source Cost Rollup? Y

Note: Costing data is based on WUG ID.

	2010	2020	2030	2040	2050	2060
WUG WMS Annual Cost:	$0.00	$0.00	$174,492.00	$174,492.00	$174,492.00	$174,492.00

WUG Capital Cost:	$5,880,838.00
Term of Debt Service:	0

Regional Comments:

Figure 6.58- Edit WUG WMS Form

6.4.7.3 Deleting a WUG WMS

To delete a WUG WMS, you will click on the **Delete WUG** button on the Edit WMS Source form. You will have a pop-up box that will ask you if you are sure you want to delete this WUG. Click **OK** to delete the WUG and Cancel to cancel the delete and return to the Edit WMS Source form.

6.4.7.4 Adding a WWP to a WMS Source

To add a WWP to a WMS Source, you must click on the **Add WWP** button on the Edit WMS Source form. This will load the Add WWP(s) to WMS Project form, pictured in 6.59, which lists all of the WWPs with Customers located in the regions associated with the WMS Project. You can sort the list by WWP Name, WWP ID, and WWP Region by clicking on the column headings. To add a WWP you must actually add the WWP Customers to the WMS Source. To view each WWP's available Customers, click on the **Show Customer(s)** button. This will expand a list of that WWP's Customers. To hide this list, click on the **Hide Customer(s)** button and the list will collapse back down. To add a WWP Customer, simply click on the check box to the left of the Customer listing to select it. Once you have selected your WWP Customer(s), click the **Add WWP(s)** button to add the WWP Customer(s) and WWP(s) to the WMS Source.

Add WWP(s) to WMS Project

Return to Edit WMS Source Page | Add WWP(s)

Show WWP Customer?	WWP Name:	WWP ID:	WWP Region:
Hide Customer(s)	TARRANT REGIONAL WD	110203030	C

Add?	Recipient Name:	WUG Detail:	Recipient Alpha:	Recipient Region:
☐	BRIAR	NONE	98071	C
☐	BRIAR	NONE	98071	C
☐	BRIAR	NONE	98071	C

Show Customer(s)	FRANKLIN COUNTY WD	110204042	D
Show Customer(s)	TITUS COUNTY FWD #1	110404053	D
Show Customer(s)	NORTH TEXAS MWD	110903025	C
Show Customer(s)	NORTHEAST TEXAS MWD	110904048	D
Show Customer(s)	TRINITY RIVER AUTHORITY	120103032	C
Show Customer(s)	ANGELINA & NECHES RIVER AUTHORITY	120109100	I
Show Customer(s)	SABINE RIVER AUTHORITY	120109114	I
Show Customer(s)	WICHITA FALLS CITY OF	140102009	B

Figure 6.59- Add WWP(s) to WMS Project Form

6.4.7.5 Editing a WWP WMS

When you click on the **Edit WWP** button on the Edit WMS Source form the Edit WWP WMS form will load. This form, pictured in figure 6.60 and figure 6.61, lists the details of the WWP WMS. To return to the Edit WMS Source form, click the **Back** button at the top right of the page.

There are seven editable fields on this form. They are listed as follows:

- **Recommendation Type?**
- **IBT?**
- **Include WWP WMS Cost numbers in WMS Source Cost Rollup?**
- **WWP WMS Annual Cost:** 2010, 2020, 2030, 2040, 2050, 2060
- **WWP Capital Cost**
- **Term of Debt Service**
- **Regional Comments**

In addition to the editable fields, there are two WWP Customer related buttons. The **View Customer** button loads the View WWP Customer WMS form, which was discussed in section 6.4.4.2.1. The **Edit Customer** button loads the Edit WWP Customer form, which will be discussed as follows.

The Texas Water Development Board

Regional Water Planning Data Web Interface | Home | Menu | Profile | Search | Download | Help | Logoff

Logged in as: Planning Administrator

Edit WWP WMS

Back | Reset | Update

WMS Project

Sponsor Region:	Project ID:	WMS Project Name:
H	H05-ALLENS	ALLENS CREEK RESERVOIR

Source

Source Region:	Source Name:	County Name:	Basin Name:	Source ID:	Source Type:
H	ALLENS CREEK LAKE/RESERVOIR	AUSTIN	BRAZOS	12900	SW

WWP

WWP Region:	WWP Name:
G	BRAZOS RIVER AUTHORITY

Recommendation Type?:	Is Used to Meet Need?
Recommended	N

	2010	2020	2030	2040	2050	2060
Total Strategy Supply Volume for this WWP:	0	0	40650	40650	40650	40650

IBT?: N

Customer(s)

1.

Region:	Recipient Name:	Recipient Alpha:	WUG Name:	County Name:	Basin Name:
H	BRAZOS RIVER AUTHORITY - FUTURE CUSTOMERS		COUNTY-OTHER	BRAZORIA	BRAZOS

	2010:	2020:	2030:	2040:	2050:	2060:
Total Strategy Supply Volume for this WWP Customer:	0	0	40650	40650	40650	40650

Figure 6.60 Edit WWP WMS Form (top half)

Include WWP WMS Cost numbers in WMS Source Cost Rollup? Y

	2010:	2020:	2030:	2040:	2050:	2060:
WWP WMS Annual Cost:	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

WWP Capital Costs:	$51,012,000.00
Term of Debt Service:	0

Regional Comments:

Figure 6.61- Edit WWP WMS Form (bottom half)

6.4.7.5.1 Edit WWP Customer WMS Form

When the Edit Customer button is clicked on the Edit WWP WMS form, the Edit WWP Customer WMS form is loaded, as pictured in figure 6.62. This form displays the details of the WWP Customer WMS. To return to the View WWP WMS form, click the **Back** button on the page.

There are three editable fields on this form:

- **Regional Comments**
- **Total Strategy Supply Volume for this WWP Customer:** 2010, 2020, 2030, 2040, 2050, 2060
- **Include WWP Customer WMS Supply numbers in WMS Source Total Yield Rollup?**

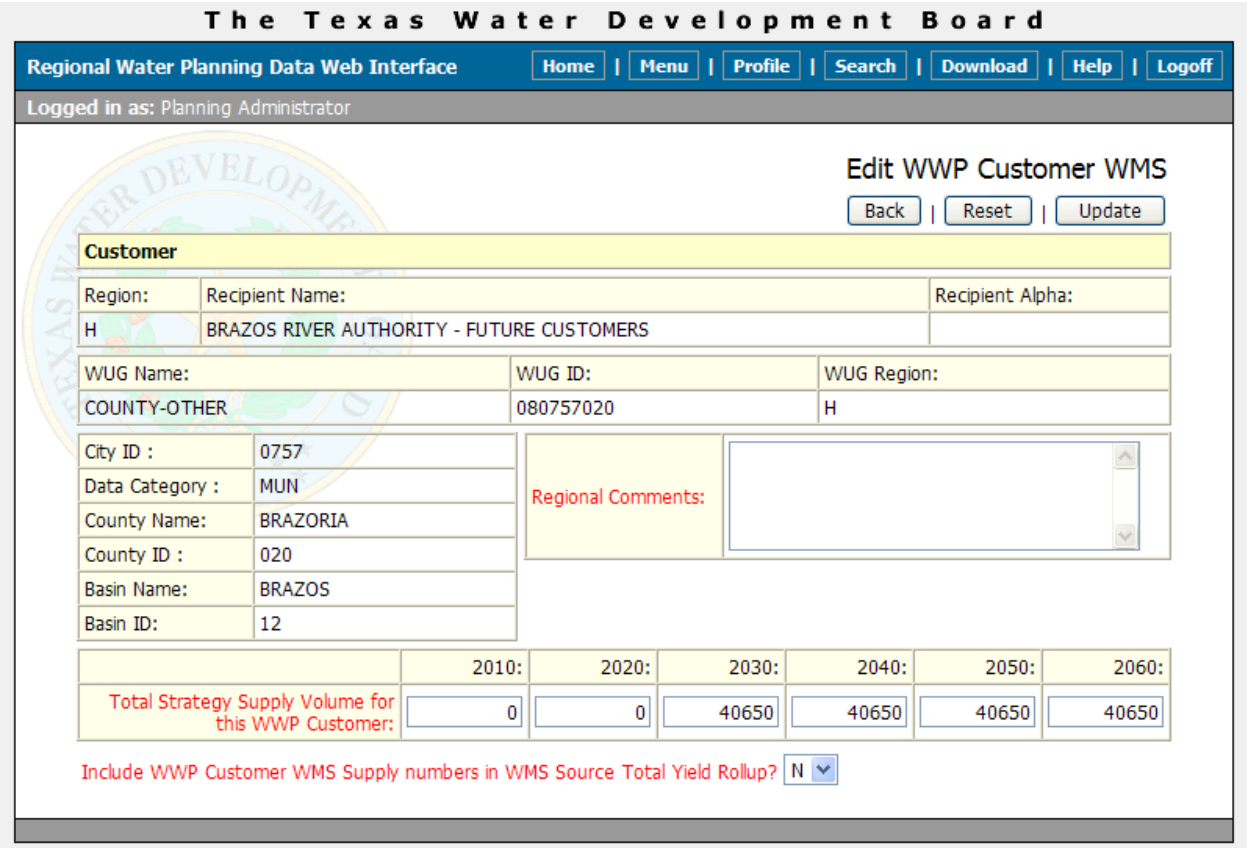


Figure 6.62- Edit WWP Customer WMS Form

6.4.7.6 Deleting a WWP WMS

To delete a WWP WMS, you will click on the **Delete WWP** button on the Edit WMS Source form. When the **Delete WWP** button is clicked the Delete WWP from WMS Project Customer Selection form will load, pictured in figure 6.63. This form lists all of the Customers for that WWP that are associated with the WMS Project. Select the WWP Customers you would like to remove from the WMS Project by clicking the check box to the left of the Customer listing. To select all Customers and delete the entire WWP from the WMS Project, click the **Select All Customers** button. Once you have made your selection, click the **Delete WWP Customer(s)** button. A pop-up box will load that will ask you if you are sure you want to delete this WWP. Click **OK** to delete the WWP and **Cancel** to cancel the delete and return to the Edit WMS Source form.

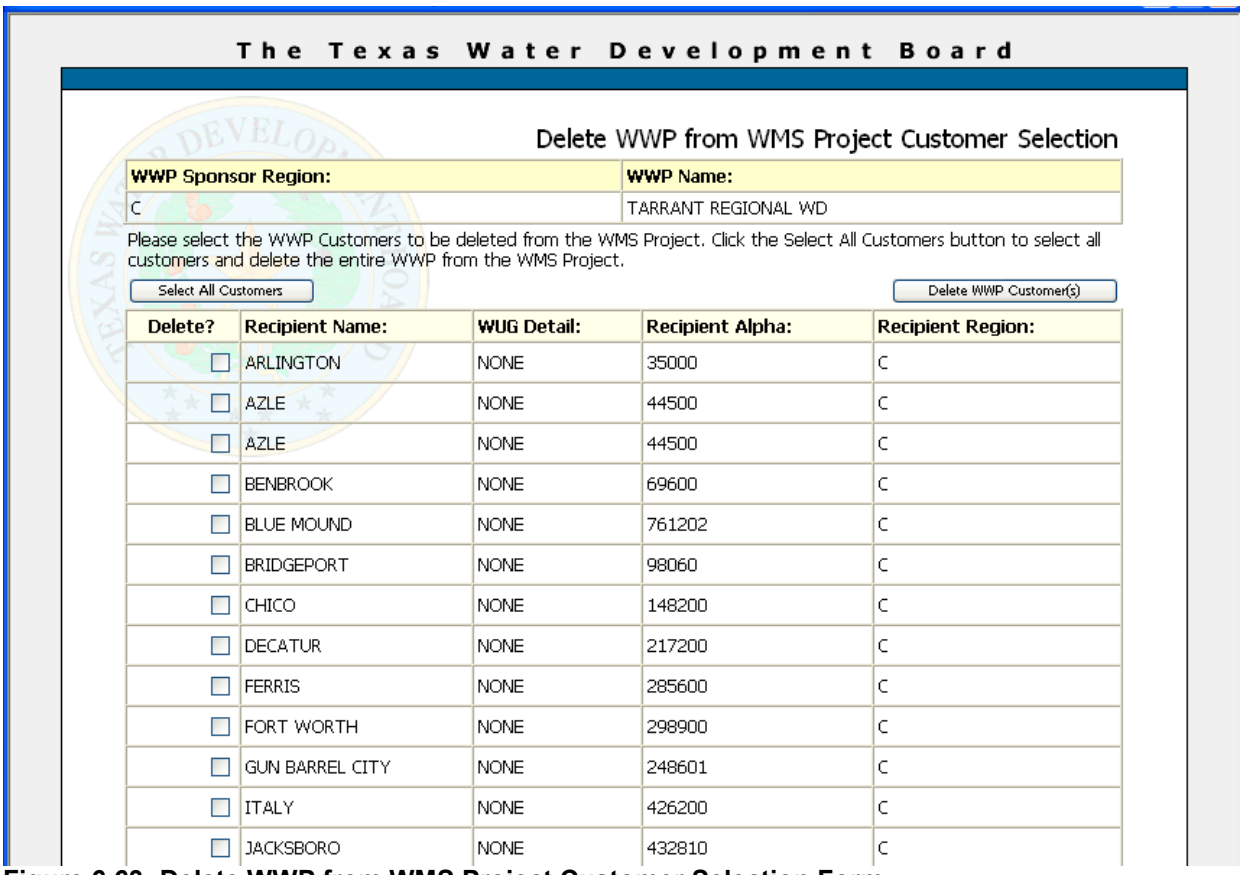


Figure 6.63- Delete WWP from WMS Project Customer Selection Form

6.4.8 Deleting a WMS Source from a WMS Project

To delete a WMS Source from a WMS Project, you will click on the **Delete Source** button on the Edit WMS Project form. You will have a pop-up box that will ask you if

you are sure you want to delete this Source. Click **OK** to delete the Source and Cancel to cancel the delete and return to the Edit WMS Project form. Please keep in mind that deleting a WMS Source will delete any and all WUG and WWP information you have added to that WMS Source.

6.4.9 Requesting to Delete a WMS Project

To request to delete a WMS Project, click the **Delete** button on the Edit WMS Project form. This will load the Delete WMS Project form, pictured in figure 6.64. First, complete the **Regional Delete Request Comments** as to why you are requesting to delete this project. If you would like to reset the form and erase your comments click the **Reset** button. To cancel your request and return to the Edit WMS Project form, click the **Back** button. Click the **Request** button to submit your request. A confirmation page will load. Your request is complete.

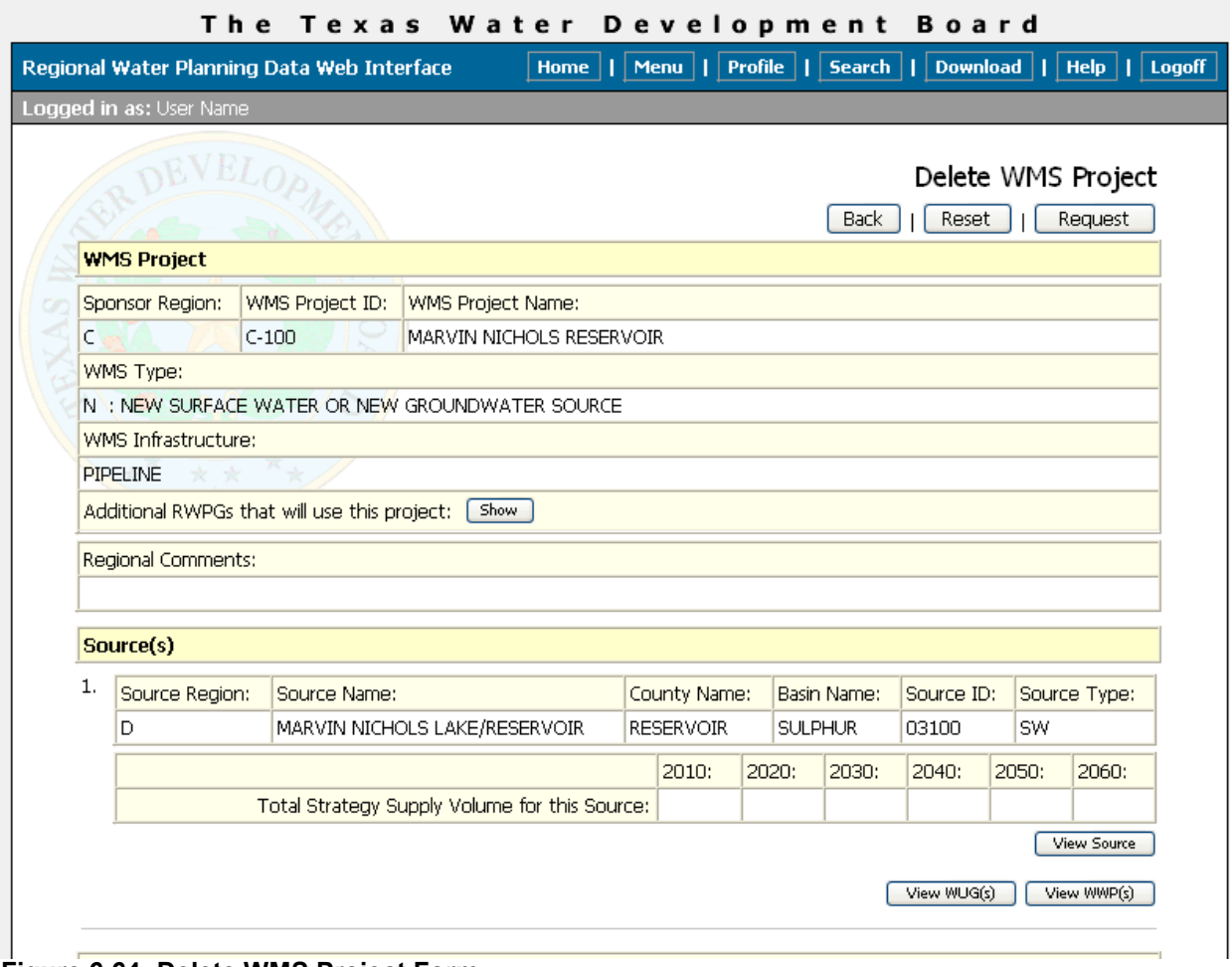


Figure 6.64- Delete WMS Project Form

6.5 Reports

Reports have been developed that detail the Regional Water Planning data.

6.5.1 Viewing the Reports Page

This feature is currently under development. It will be available soon.

7.0 Profile Forms

The Profile forms allow you to view and edit your user profile. These forms can be accessed from the **Profile** button.

7.1 The View Profile Form

The View Profile form, which can be accessed from the **Profile** button (**Profile** > **View Profile**) and shown in figure 7.1, allows you to view your user profile. The **Edit** button in the bottom right-hand region of your screen will direct you to the Edit Profile form when clicked. The **Back** button in the bottom right-hand region of your screen will take you back to the previous form you were viewing.

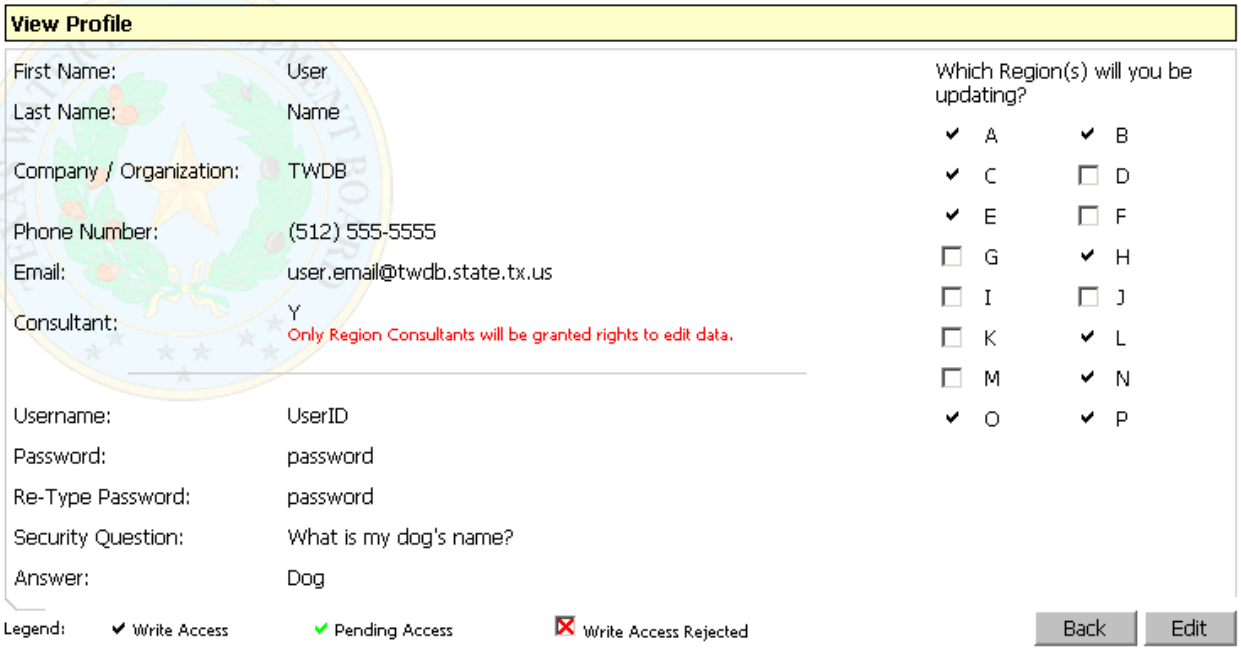


Figure 7.1- The View Profile Form

7.2 The Edit Profile Form

The Edit Profile form, which can be accessed from the **Profile** button (**Profile** > **Edit Profile**) and is pictured in figure 7.2, allows you to edit your user profile. All fields marked with red asterisks are required. Once you have made all of your changes, you click the **Update** button to submit your changes. You will be redirected to a page telling you that your changes have been submitted. If you do not want to make any changes, click the **Cancel** button and you will be taken to the previous page you were viewing.

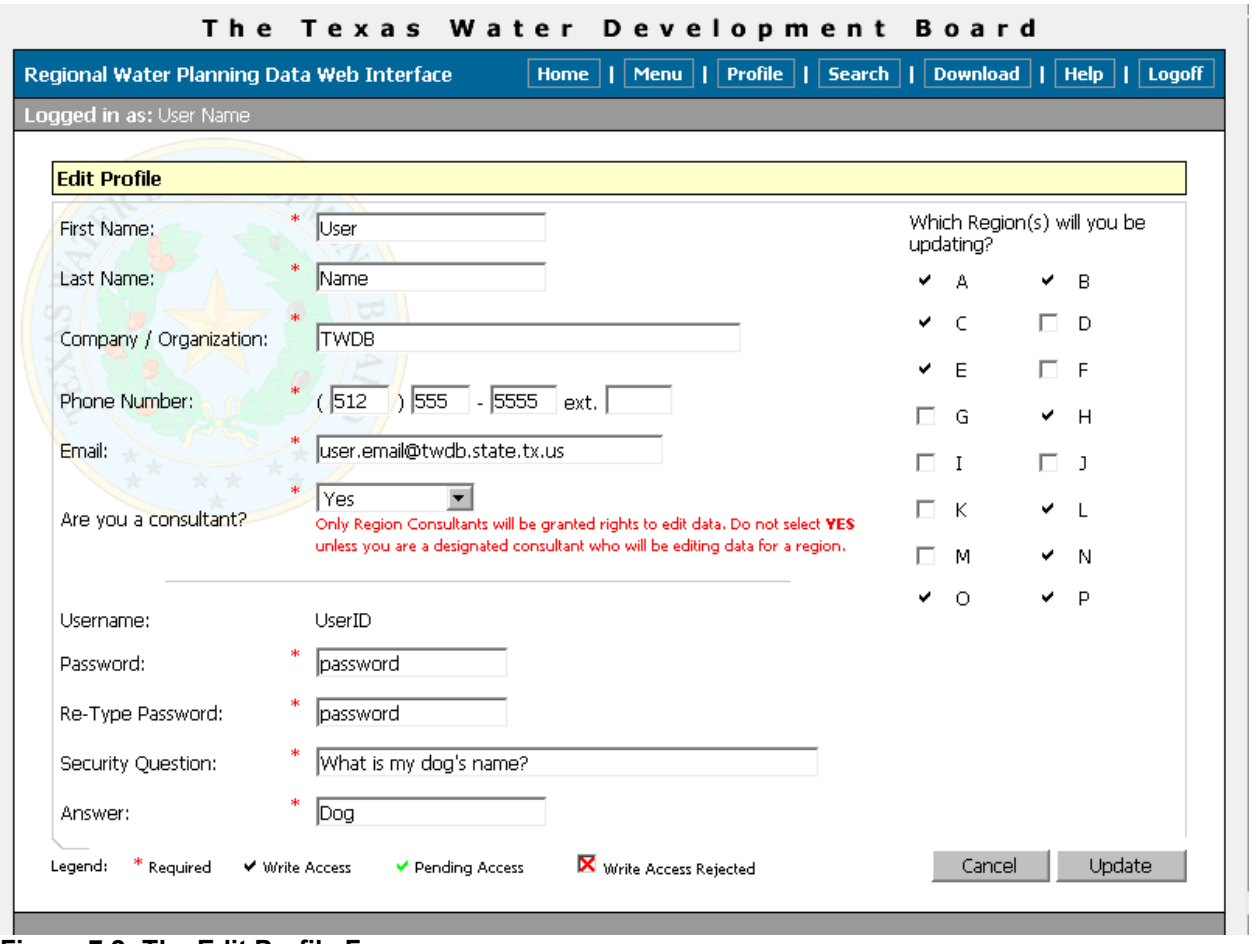


Figure 7.2- The Edit Profile Form

8.0 Search Forms

The search forms that can be accessed from the **Search** button are the Search Source(s) form, the Search Water User Group(s) form, the Search for Wholesale Water Provider(s) form, and the Search WMS Project(s) form.

8.1 The Search Source(s) Form

The Search Source(s) form, which can be accessed from the **Search** button (**Search** > **Search Source(s)**) and is shown in figure 8.1, is used to search for a source or sources. To search for a source you will select what type of search you want to perform and enter the criteria. The instructions on the form further explain how to conduct your search. Once you have entered your search variables, click the **Submit** button. A new page will load listing all available sources that meet your criteria. This form looks similar to the View/Edit Sources Main form.

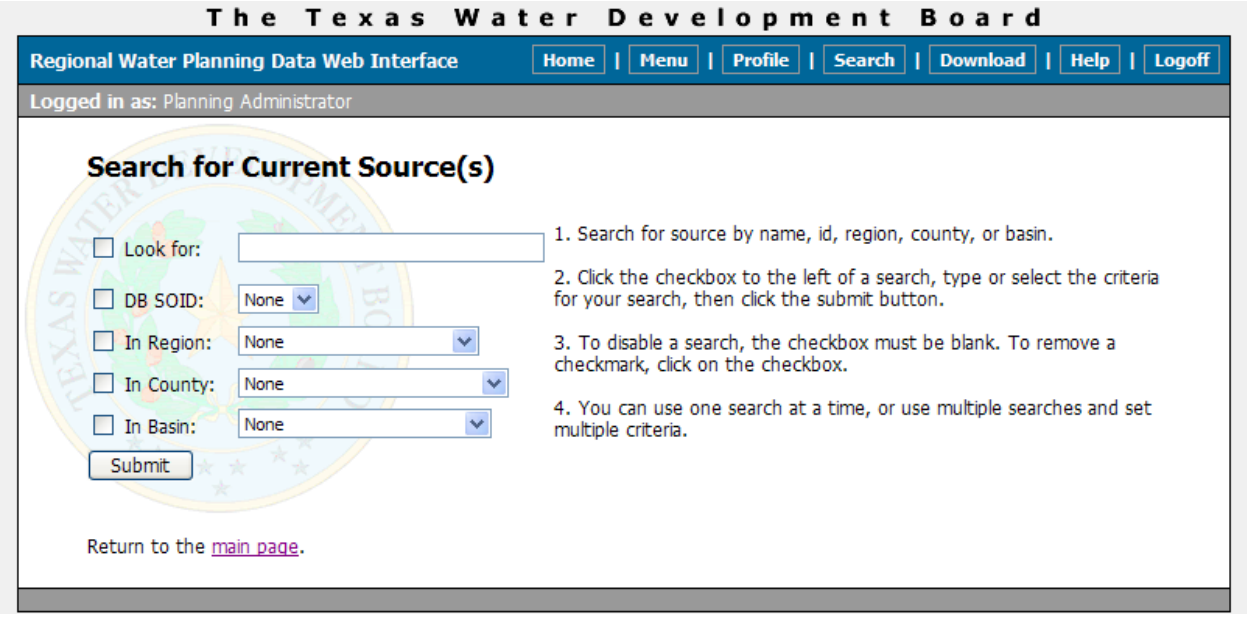


Figure 8.1- The Search Source(s) Form

8.2 The Search Water User Group(s) Form

The Search Water User Group(s) form, which can be accessed from the **Search** button (**Search** > **Search Water User Group(s)**) and is shown in figure 8.2, is used to search for a WUG or WUGs. To search for a WUG you will select what type of search you want to perform and enter the criteria. The instructions on the form further explain how to conduct your search. Once you have entered your search variables, click the **Submit** button. A new form will load listing all available WUGs that meet your criteria. This form looks similar to the View/Edit WUGs Main form.

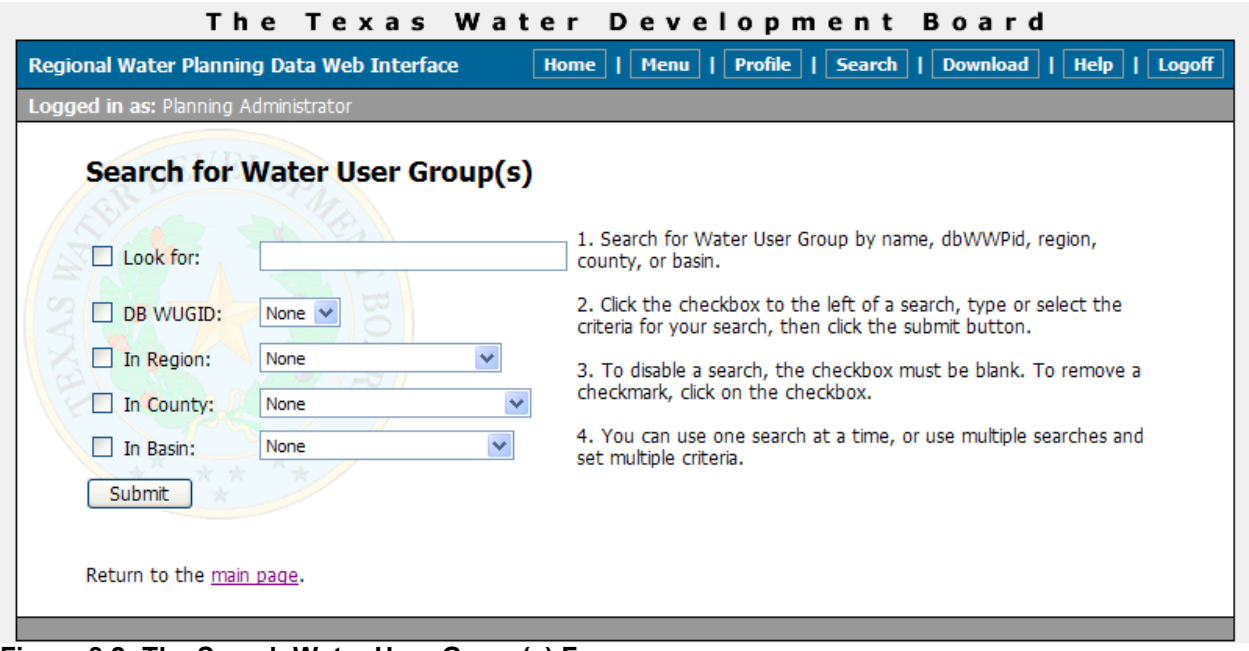


Figure 8.2- The Search Water User Group(s) Form

8.3 The Search Wholesale Water Provider(s) Form

The Search Wholesale Water Provider(s) form, which can be accessed from the **Search** button (**Search** > **Search Wholesale Water Provider(s)**) and is shown in figure 8.3, is used to search for a WWP or WWPs. To search for a WWP you will select what type of search you want to perform and enter the criteria. The instructions on the form further explain how to conduct your search. Once you have entered your search variables, click the **Submit** button. A new form will load listing all available WWPs that meet your criteria. This form looks similar to the View/Edit WWPs Main form.

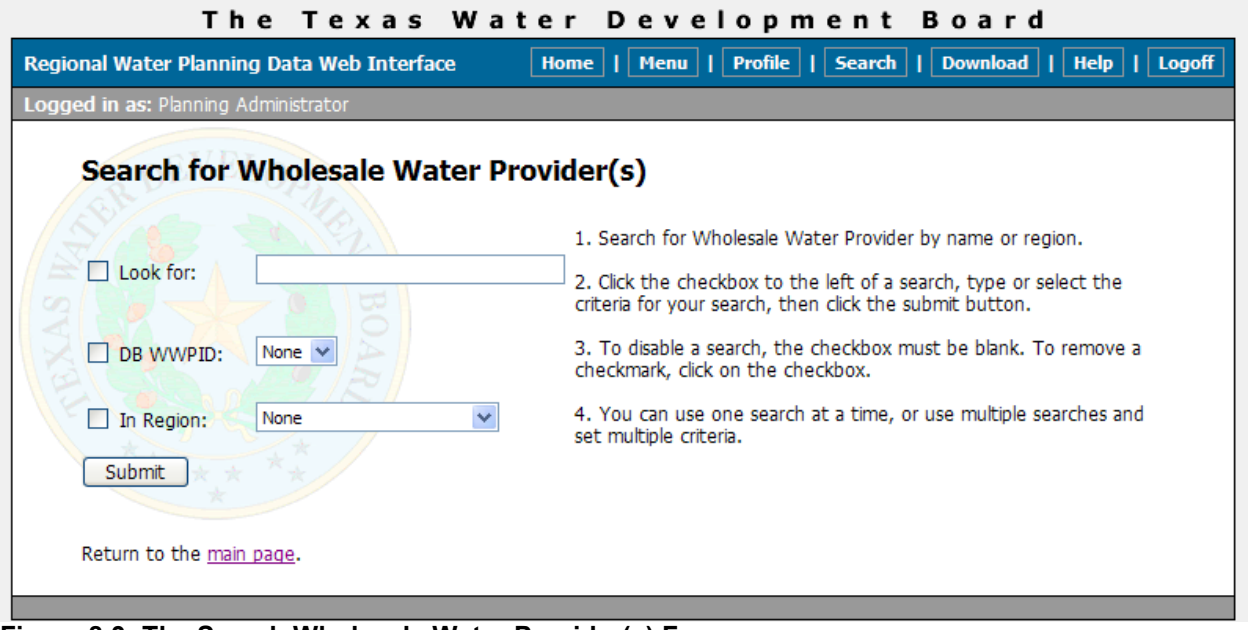


Figure 8.3- The Search Wholesale Water Provider(s) Form

8.4 The Search WMS Project(s) Form

The Search Water Management Strategy Project(s) form, which can be accessed from the **Search** button (**Search** > **Search Water Management Strategies)** and is shown in figure 8.4, is used to search for a WMS. To search for a WMS you will select what type of search you want to perform and enter the criteria. The instructions on the form further explain how to conduct your search. Once you have entered your search variables, click the **Submit** button. A new form will load listing all available WMSs that meet your criteria. This form looks similar to the View/Edit WMS Project Main form.

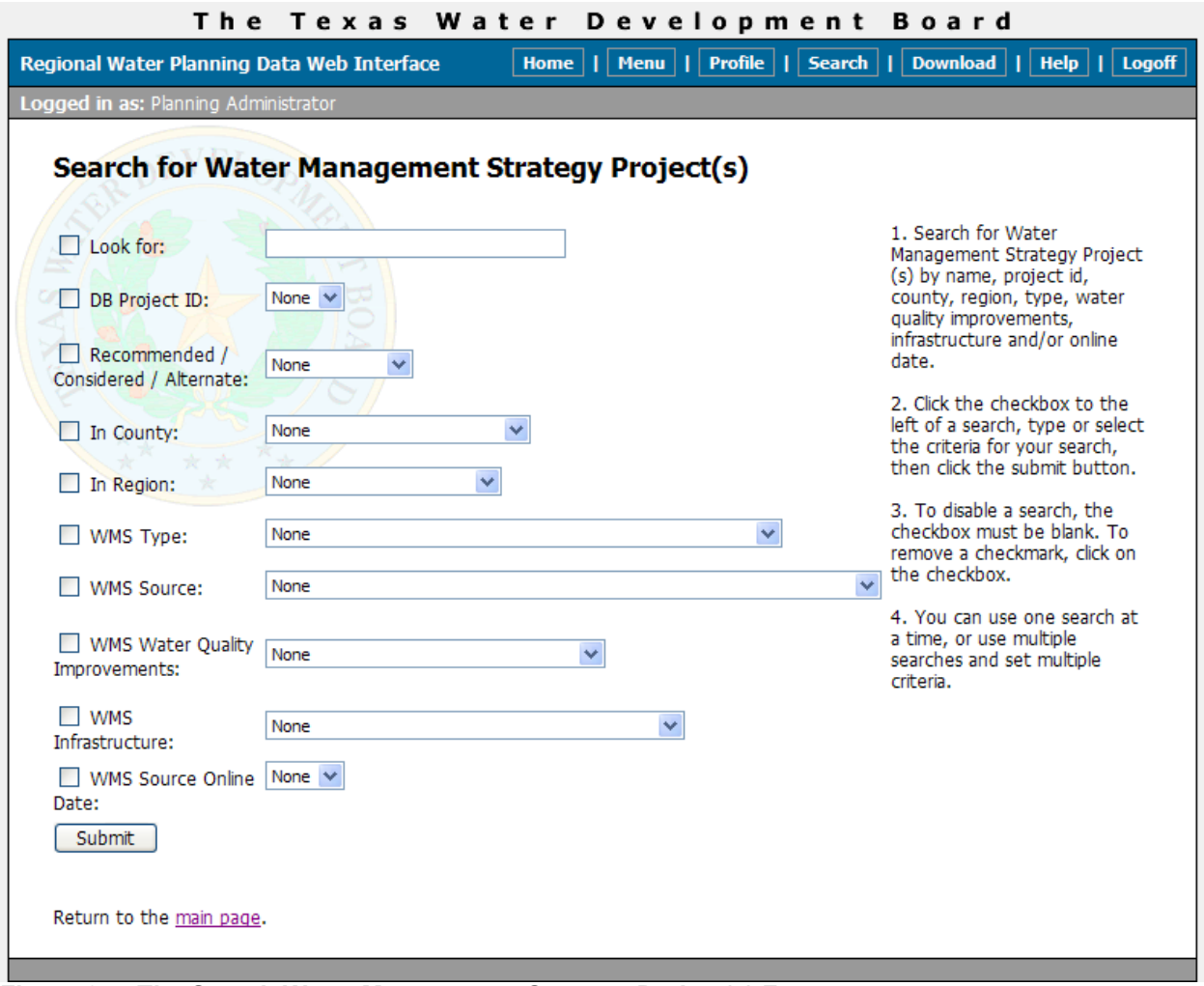


Figure 8.4- The Search Water Management Strategy Project(s) Form

9.0 The Help Page

The Help page, which is accessed by clicking on the **Help** button and is pictured in figure 10.1, has several links that can help you. The first link will direct you to an Adobe PDF of the **Guidelines for Regional Water Plan Development**. The second is to an Adobe PDF of the **Guidelines for Regional Water Planning Data Deliverables**. The third link is to an Adobe PDF of the **Short User Guide for Read-Only Users**. The fourth link is to an Adobe PDF of the **Short User Guide for Consultants with Editing Rights**. The fifth link is to this User Guide and is titled **User Guide**. Clicking on the **Contact Application Administrator** link will direct you to the contact form pictured in figure 10.2. Enter your phone number and your question or comments and click the **Submit** button to contact the administrator.

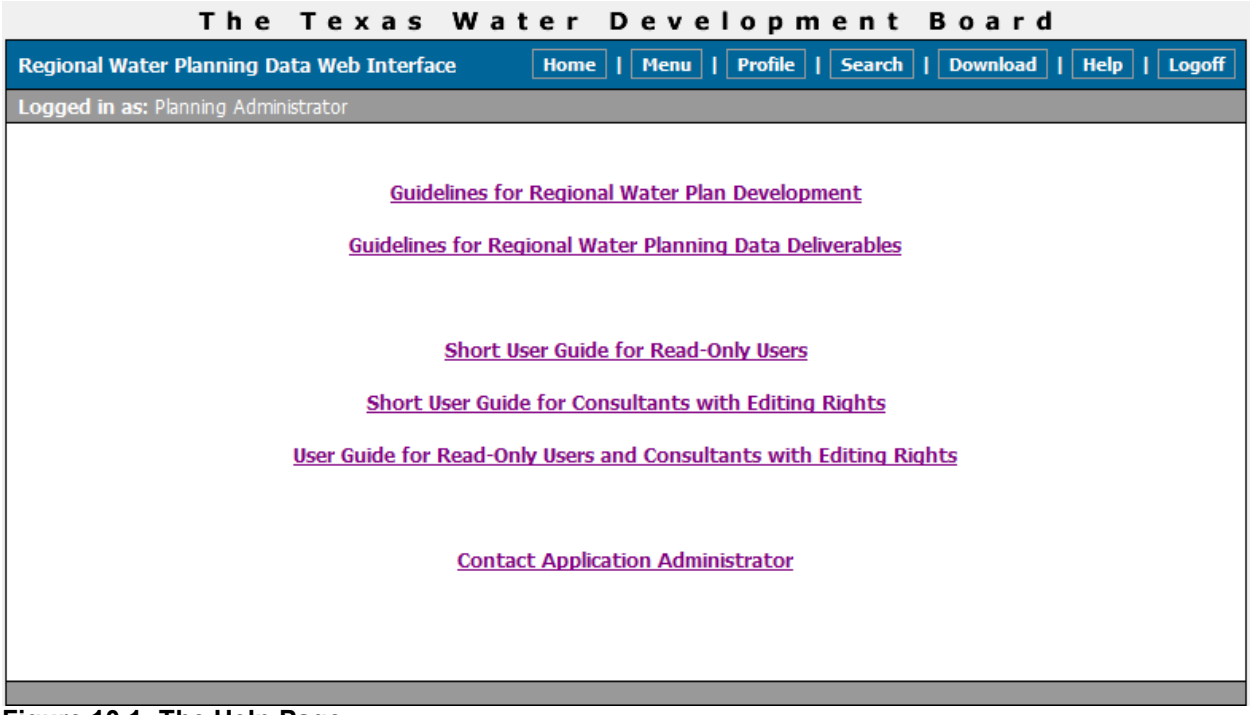


Figure 10.1- The Help Page

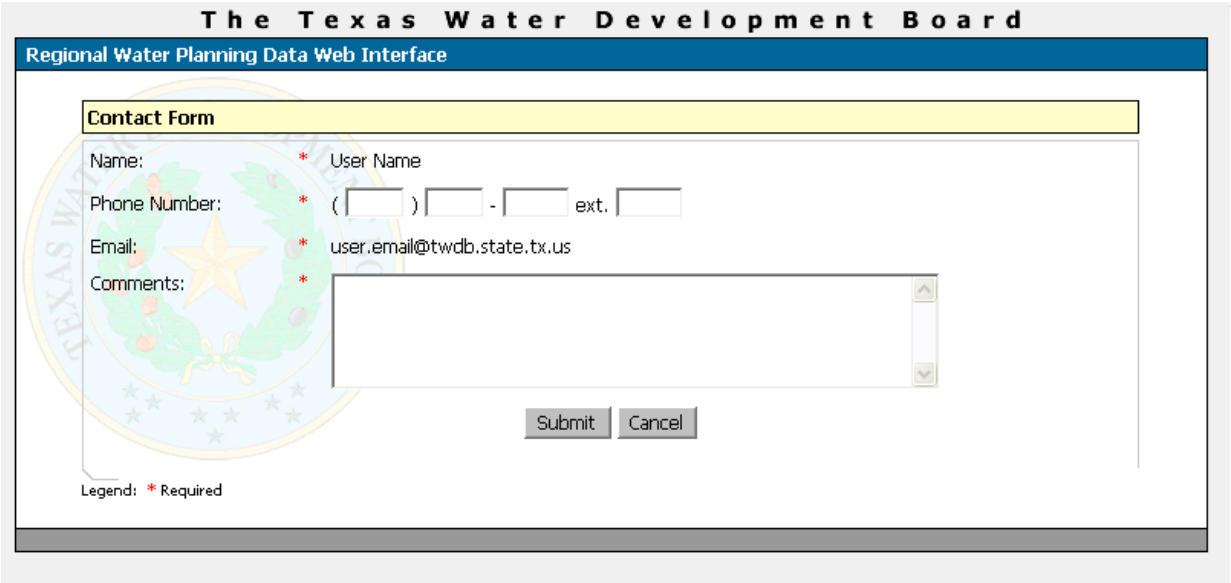


Figure 10.2- The Contact Form

10.0 Permissions for Editing

This section will briefly describe the permissions required for editing Sources, Water User Groups, and Wholesale Water Providers.

10.1 Sources

- Based on physical location of source; i.e., if the source is located in Region X and you are an approved read-write consultant for region X, then you have rights to edit Source data for region X.

- For Sources that are “shared” among regions (used by multiple regions), each region’s consultants will be able to enter the “share of availability” for each region for which they are a contracted consultant.

- Example: Reservoir A is “shared” by Regions X and Y and located in Region X. Region X edits all basic attributes (total availability, etc.) of the source and Region X and Region Y will specify the amount of the availability that is their “share”.

10.2 Water User Groups

- Based on physical location of WUG.

- For WUGs that are located in more than one region, each region’s consultants will edit their portion of the WUG.

- Example: WUG A is located partly in Region X and partly in Region Y. Region X’s consultant will be able to edit the information for the portion of the WUG in Region X, and Region Y’s consultant will be able to edit the information for the portion of the WUG in Region Y.

- We recommend coordination of work by consultants for WUGs that are located in more than one region.

10.3 Wholesale Water Providers

- Based on the “sponsor” region for the main WWP attributes and based on the physical location of the “customers/recipients” for all other information.

- For WWPs that serve multiple regions, each region that has customers will edit the contract amounts ("demands") and supplies for the customers in their regions.

- Example: WWP A serves regions X and Y and is "sponsored" by region X. Additionally, WWP A was not planned for last round. Region X's consultants will add the WWP to their list of WWPs, and then regions X and Y will add the customers in their respective regions and will be able to edit the contracts and supplies for their customers.

10.4 Water Management Strategies

- Based on the "sponsor" region for the WMS Project and those regions that are designated to use the WMS Project.

- Only a user with editing rights to the WMS Project can edit the WMS Project's main attributes and add, edit, or delete a WMS Source.

- Any user that has rights to any of the WMS Project's designated regions can add, edit, and delete a WUG (as long as that WUG is located in their region) and add, edit, and delete a WWP (as long as the WWP itself or the WWP's Customers are located in their region).

- Example: WMS Project A is "sponsored" by region X and has designated regions Y and Z to be able to use the project. A user who has editing rights to region X can edit the WMS Project's main attributes, add, edit, or delete WMS Source(s), add, edit, or delete WUGs in region X, and add, edit, or delete WWPs and WWP Customers in region X. A user who has editing rights to region Y and Z, but not X, can add, edit, or delete WUGs in region Y and Z, but not X, and add, edit, or delete WWPs and WWP Customers in region Y and Z, but not X.