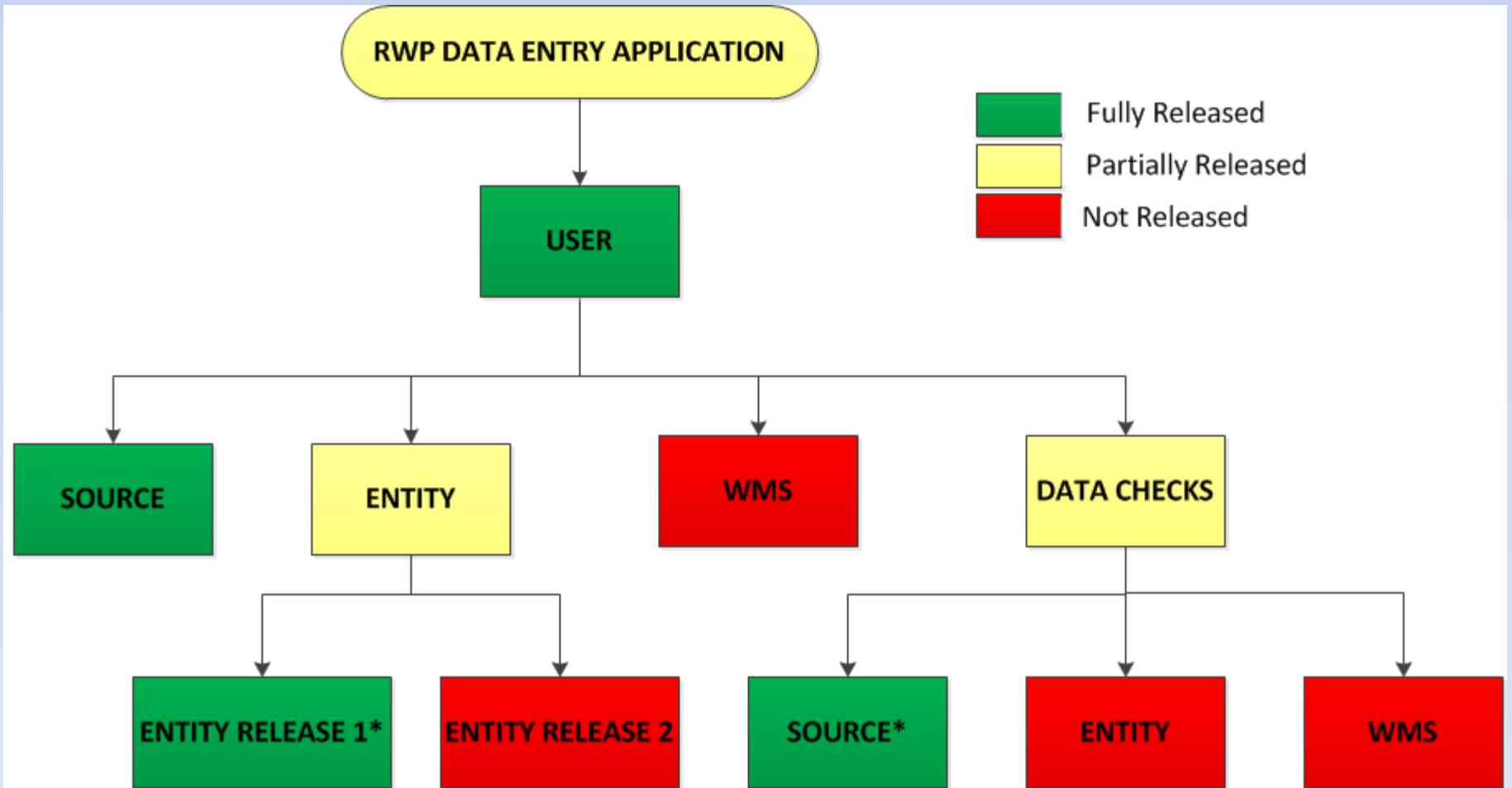


RWP Data Entry Application Training



Entity Module Release 1

Updates to RWP Data Entry Application



* Denotes new releases that we will be covering in training today

RWP Data Entry Application Help Tab Documentation

- RWP Data Entry User Guide – *Now Available*
- RWP Guidelines for Data Deliverables – *Entity Section Coming Soon*

Texas Water Development Board Regional Water Planning Data Entry

Home Logout Agency Policies Contact Webmaster

Home User Access Sources Entities WMS Data Checks **Help** APM Home

Help Page Planning Year: 2017

[RWP Data Entry User Guide](#)
[RWP Guidelines for Data Deliverables](#)

Please contact us for additional information on how to use this application.

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Connie	Townsend	(512) 4638290	Connie.Townsend@twdb.texas.gov
David	Meesey	(512) 9360852	David.Meesey@twdb.texas.gov

100%

Source Data Checks Module

Module Functionality:

- Review list of data checks and potential errors
- Edit source data related to the data checks
- Request an appeal to potential errors

The screenshot displays the Texas Water Development Board website interface. At the top left is the logo for the Texas Water Development Board. To the right, there are links for Home, Logout, Agency Policies, and Contact Webmaster. Below the logo, the text "Regional Water Planning Data Entry" is visible. A red arrow points to the "Data Checks" tab in the navigation menu, which also includes Home, User Access, Sources, Entities, WMS, and Help. The "Data Checks" tab is highlighted. Below the navigation menu, there is a sub-menu with "Source Data Checks" selected. On the right side of the page, there is a button for "APM Home" and the text "Planning Year: 2017". The main content area is titled "Data Checks: Main" and contains a paragraph of text explaining the functionality of the module. The browser's address bar at the bottom shows the URL "http://www.twdb.texas.gov/" and the zoom level is set to 100%.

Texas Water Development Board

Home Logout Agency Policies Contact Webmaster

Regional Water Planning Data Entry

Home User Access Sources Entities WMS **Data Checks** Help

APM Home

Source Data Checks Planning Year: 2017

Data Checks: Main

By clicking on the 'Source Data Checks', 'Entity Data Checks', or 'WMS Data Checks' you can review data check output for each module. Clicking the name of the source, entity, or water management strategy will allow you to update the data related to the data check. Clicking the 'Appeal' button will allow you to submit an appeal for the data check.

http://www.twdb.texas.gov/ 100%

Source Data Check Module Questions?

Entity Module Release 1

Module Functionality:

- Review entity description information
- Review WUG projection data
- Add Direct Source Volume-In to entities

Texas Water Development Board Regional Water Plan Data Entry
[Home](#) [Logout](#) [Agency Policies](#) [Contact Webmaster](#)

Home User Access Sources **Entities** WMS Data Checks Help APM Home

Entity Listing Planning Year: 2017

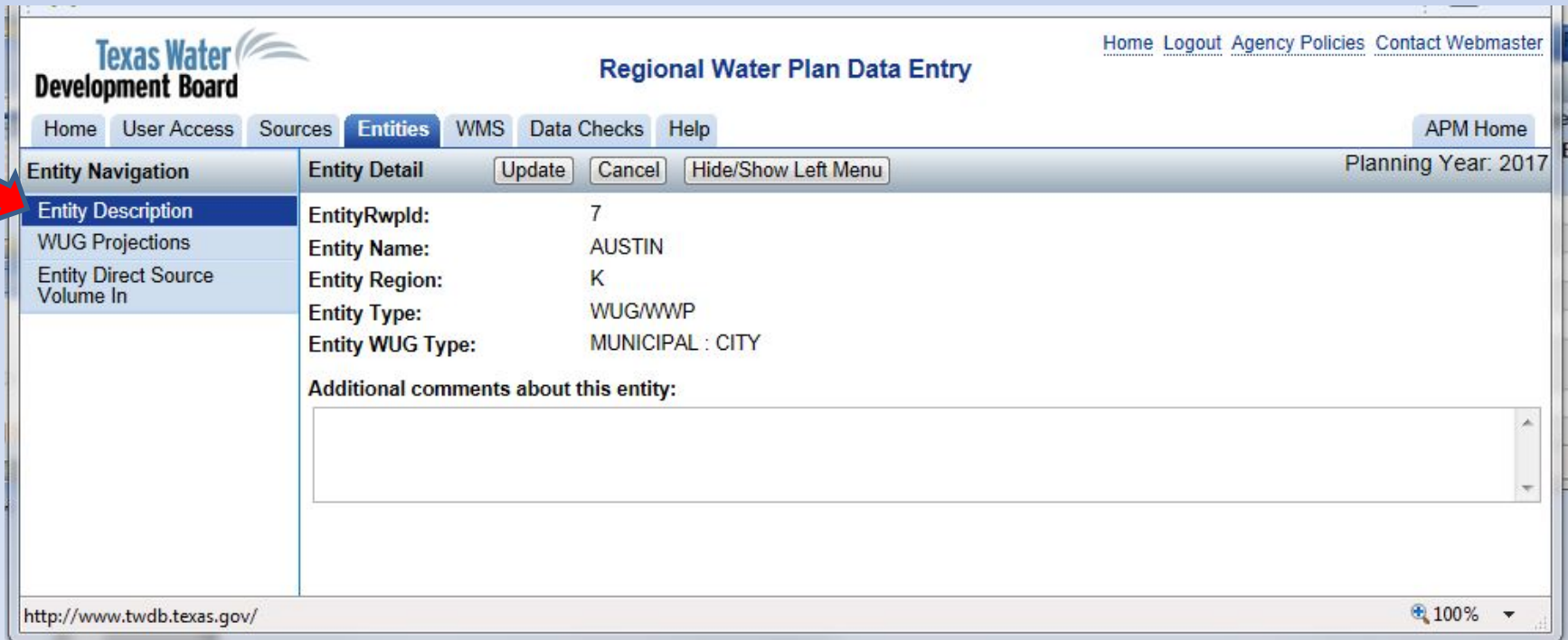
Entity Listing

Records: 2702 Page: 1 of 271 Show records on page: 10 20 30 50 100 250

Entity Name	Region	Entity Type	Entity WUG Type	Entity WUG Sub Type	EntityRwpld	Entity Summary
AMARILLO	A	WUG/WWP	MUNICIPAL	CITY	2	
BOOKER	A	WUG/Seller	MUNICIPAL	CITY	257	
BORGER	A	WUG/WWP	MUNICIPAL	CITY	12	
CACTUS	A	WUG/WWP	MUNICIPAL	CITY	17	
CANADIAN	A	WUG	MUNICIPAL	CITY	301	
CANADIAN RIVER MUNICIPAL WATER AUTHORITY	A	WWP			19	
CANYON	A	WUG/Seller	MUNICIPAL	CITY	303	
CHILDRESS	A	WUG	MUNICIPAL	CITY	317	

javascript: __doPostBack('ctl00\$body\$gvEntity\$ctl01\$lbEntityName', ''); 100%

Entity Module Release 1 – Entity Description



Texas Water Development Board Regional Water Plan Data Entry [Home](#) [Logout](#) [Agency Policies](#) [Contact Webmaster](#)

[Home](#) [User Access](#) [Sources](#) **Entities** [WMS](#) [Data Checks](#) [Help](#) [APM Home](#)

Entity Navigation Update Cancel Hide/Show Left Menu Planning Year: 2017

- Entity Description**
- WUG Projections
- Entity Direct Source Volume In

EntityRwpld: 7
Entity Name: AUSTIN
Entity Region: K
Entity Type: WUG/WWP
Entity WUG Type: MUNICIPAL : CITY

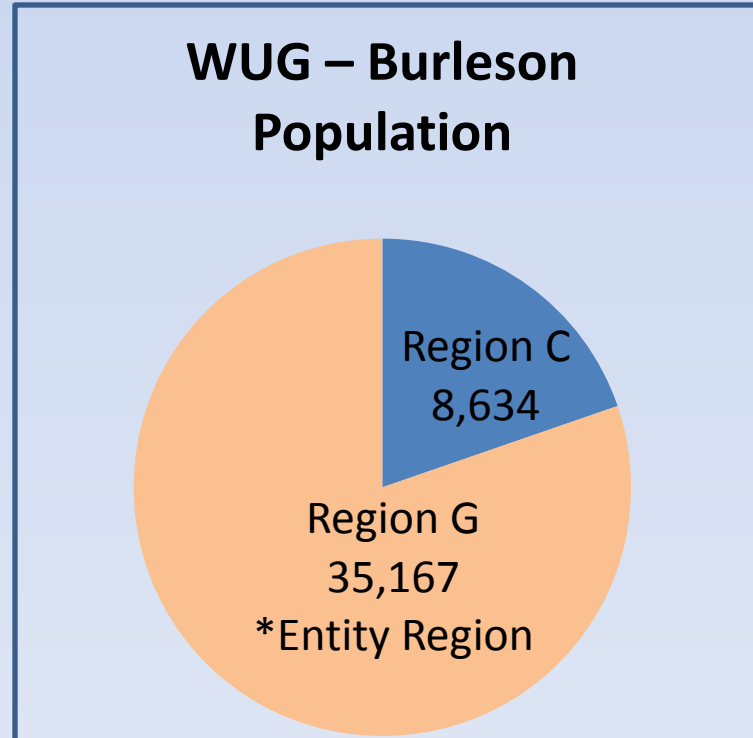
Additional comments about this entity:

<http://www.twdb.texas.gov/> 100%

Entity Description Page – Entity Region

How was the entity region assigned?

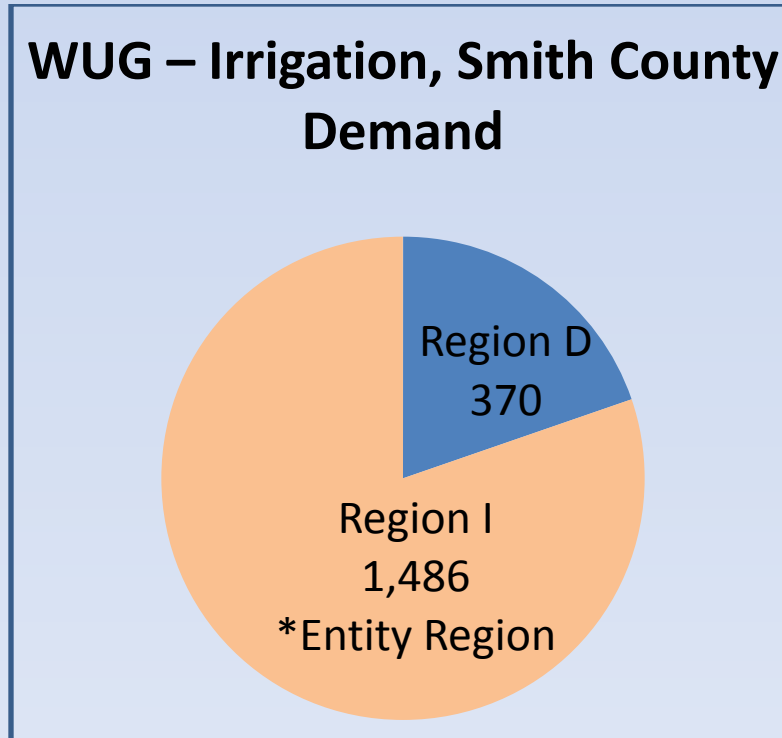
- WUG Entities with Population- WUG region split with highest population



Entity Description Page – Entity Region

How was the entity region assigned?

- WUG Entities without Population- WUG region split with highest demand



Entity Description Page – Entity Region

How was the entity region assigned?

- WWPs & Sellers- were assigned primary region based on input from RWPGs

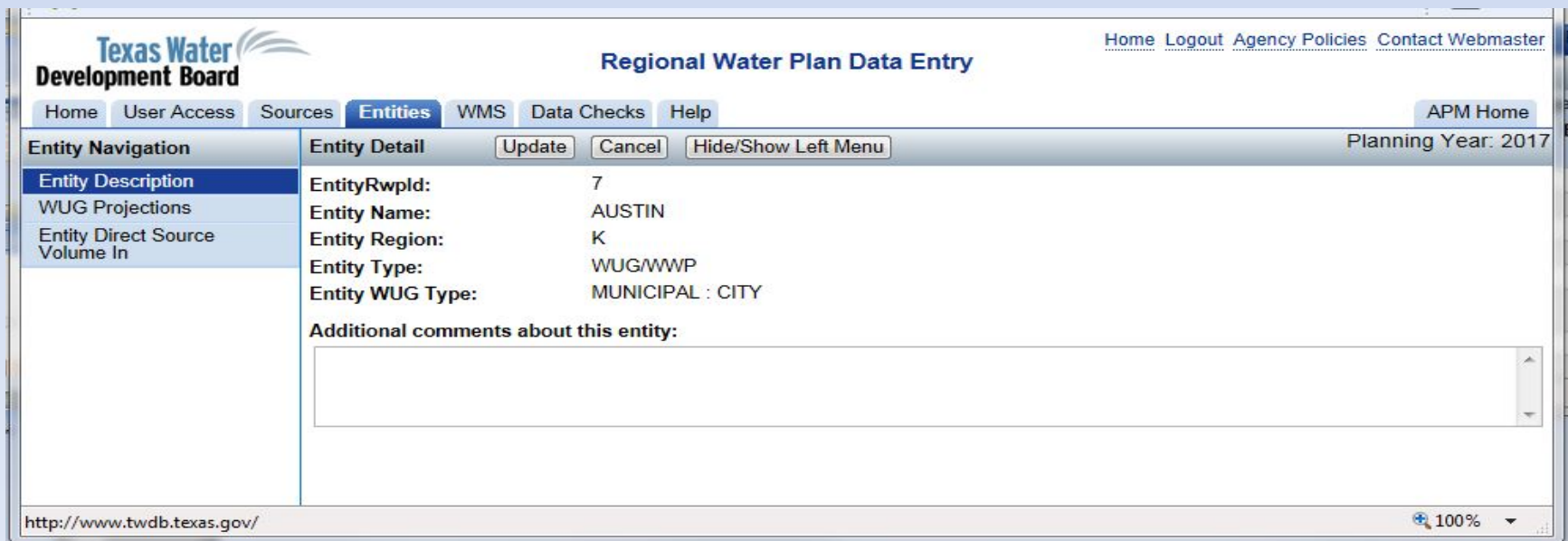


Entity Description Page – Entity Region

Data entry users with access to the entity's primary region can:

- Add Direct Source Volume-in sources to the entity and edit water volumes
- Add sales to other entities and edit water volumes (Entity Module Release 2)
- Update the entity's WUG supplies (Entity Module Release 2)

*Data entry users without access to the entity's primary region will not be able to view the entity's data within the data entry application, but can view data through application reports.



The screenshot displays the 'Regional Water Plan Data Entry' application interface. At the top left is the Texas Water Development Board logo. The main title is 'Regional Water Plan Data Entry'. Navigation links include Home, Logout, Agency Policies, and Contact Webmaster. A secondary navigation bar contains Home, User Access, Sources, Entities (selected), WMS, Data Checks, and Help. A button for 'APM Home' is on the right. The 'Planning Year: 2017' is indicated in the top right corner.

The 'Entity Navigation' sidebar on the left lists: Entity Description (selected), WUG Projections, and Entity Direct Source Volume In.

The 'Entity Detail' section shows the following information:

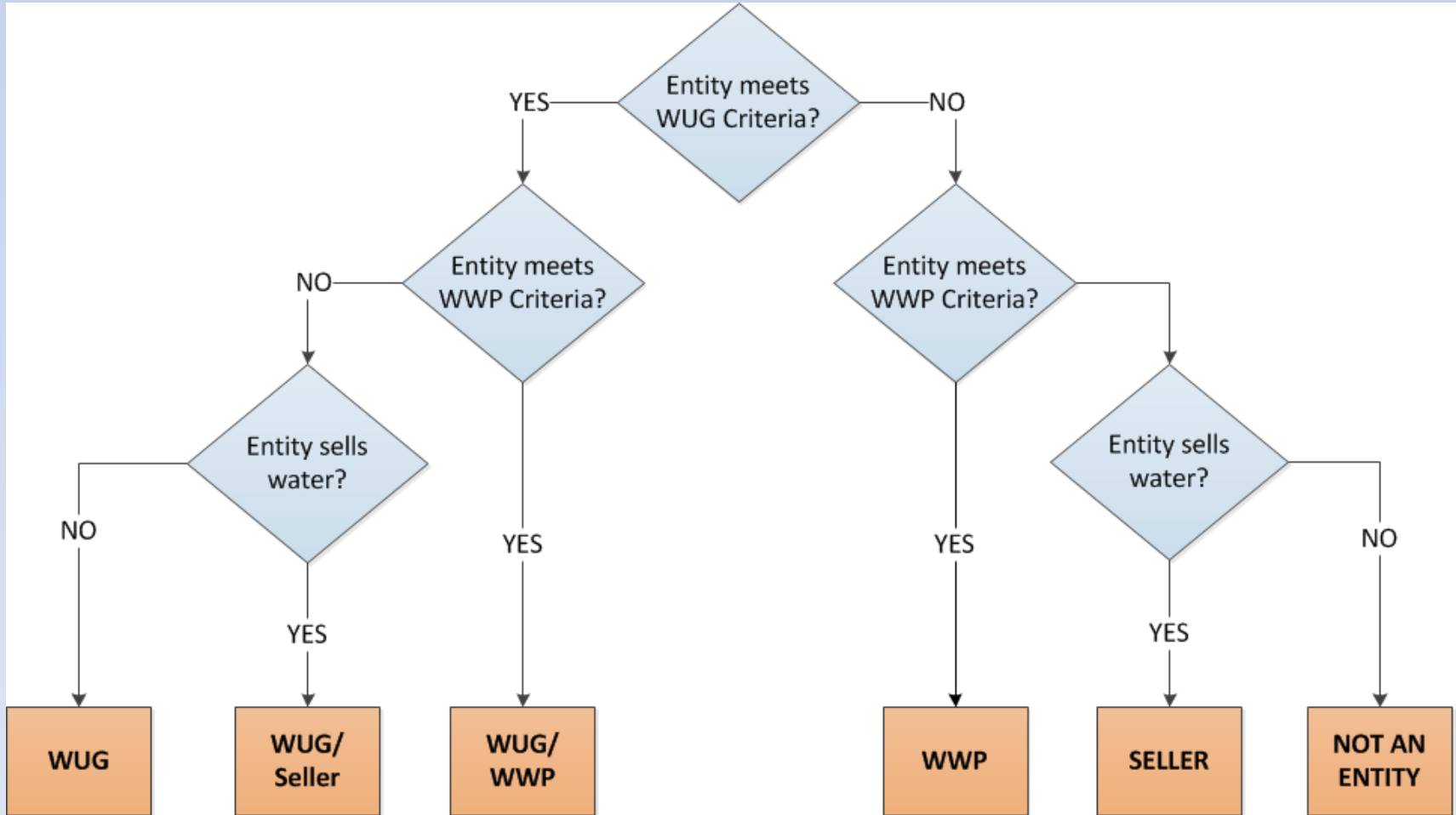
- EntityRwpld: 7
- Entity Name: AUSTIN
- Entity Region: K
- Entity Type: WUG/WWP
- Entity WUG Type: MUNICIPAL : CITY

Below this information is a text area labeled 'Additional comments about this entity:'.

Buttons for 'Update', 'Cancel', and 'Hide/Show Left Menu' are located above the entity details.

The browser address bar at the bottom shows 'http://www.twdb.texas.gov/' and a zoom level of 100%.

Entity Description Page – Entity Type



Entity Description Page – Entity Type

	Entity Module Page Visibility				
Entity Module Pages	WUG	WUG/WWP	WUG/Seller	WWP	Seller
Entity Description	X	X	X	X	X
WUG Projections	X	X	X		
Direct Source Volume-In	X	X	X	X	X
Entity Sales*		X	X	X	X
WUG Supply*	X	X	X		

*Entity module release 2

Entity Module Release 1 – Entity Projections

Entity Navigation

Entity Name: AUSTIN

Planning Year: 2017

Entity Description

WUG Projections

Entity Direct Source
Volume In

Entity WUG Projection Totals

	2020	2030	2040	2050	2060	2070
Population	976,418	1,153,977	1,330,492	1,466,936	1,589,164	1,733,756
PCSavings	6.00	8.00	8.00	8.00	8.00	8.00
GPCD	157.00	157.00	157.00	157.00	157.00	157.00
Demand	165,155	192,601	222,063	244,835	265,235	289,368

Split Entity WUG Projections

K | HAYS | COLORADO |

	2020	2030	2040	2050	2060	2070
Population	71	760	1,489	3,776	9,100	16,468
PCSavings	6.00	8.00	8.00	8.00	8.00	8.00
GPCD	157.00	157.00	157.00	157.00	157.00	157.00
Demand	13	127	249	631	1,519	2,749

K | TRAVIS | COLORADO |

	2020	2030	2040	2050	2060	2070
Population	930,842	1,096,053	1,258,060	1,377,379	1,477,455	1,596,216
PCSavings	6.00	8.00	8.00	8.00	8.00	8.00
GPCD	157.00	157.00	157.00	157.00	157.00	157.00
Demand	157,445	182,933	209,973	229,887	246,590	266,411

K | WILLIAMSON | BRAZOS |

	2020	2030	2040	2050	2060	2070
Population	45,505	57,164	70,943	85,781	102,609	121,072
PCSavings	6.00	8.00	8.00	8.00	8.00	8.00
GPCD	157.00	157.00	157.00	157.00	157.00	157.00
Demand	7,697	9,541	11,841	14,317	17,126	20,208

Entity Module Release 1 – Entity Direct Source Volume-In

The screenshot displays the Texas Water Development Board's web interface. At the top left is the logo for the Texas Water Development Board. To the right, there are links for Home, Logout, Agency Policies, and Contact Webmaster. Below the logo, a navigation bar contains links for Home, User Access, Sources, Entities (highlighted), WMS, Data Checks, and Help. On the far right of this bar is a link for APM Home. The main content area is titled "Regional Water Plan Data Entry". Below this, there is a sub-header "Entity Name: AUSTIN" with buttons for Update, Cancel, and Hide/Show Left Menu. The "Planning Year: 2017" is also displayed. A left-hand navigation menu lists "Entity Navigation", "Entity Description", "WUG Projections", and "Entity Direct Source Volume In" (highlighted with a red arrow). The main content area shows a "Summary Report" section with a "View Report" link. Below this is the title "Entity Direct Source Volume In" and a table with the following structure:

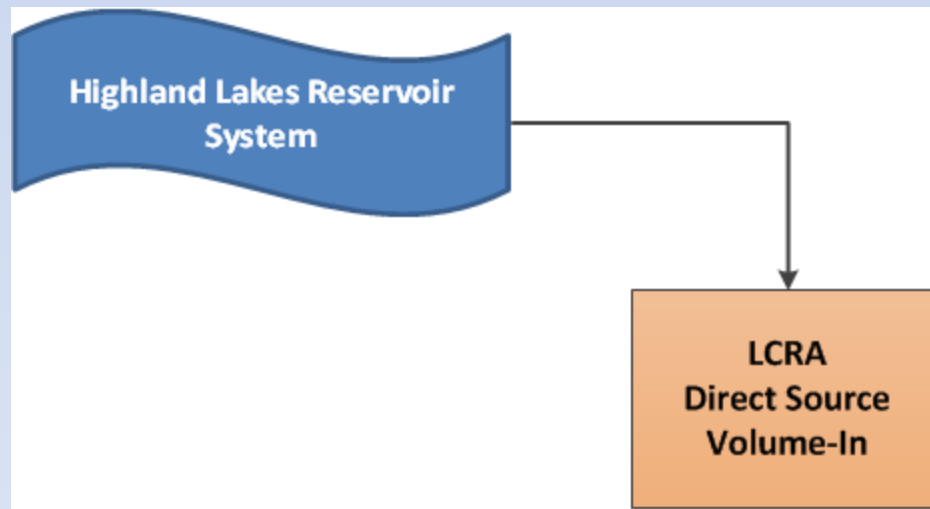
Entity Name Primary Region	
<input type="button" value="Add Source"/>	AUSTIN K

Below the table, the text "No direct source records found" is displayed. At the bottom left of the page, the URL "http://www.twdb.texas.gov/" is visible. At the bottom right, there is a zoom level indicator set to "100%".



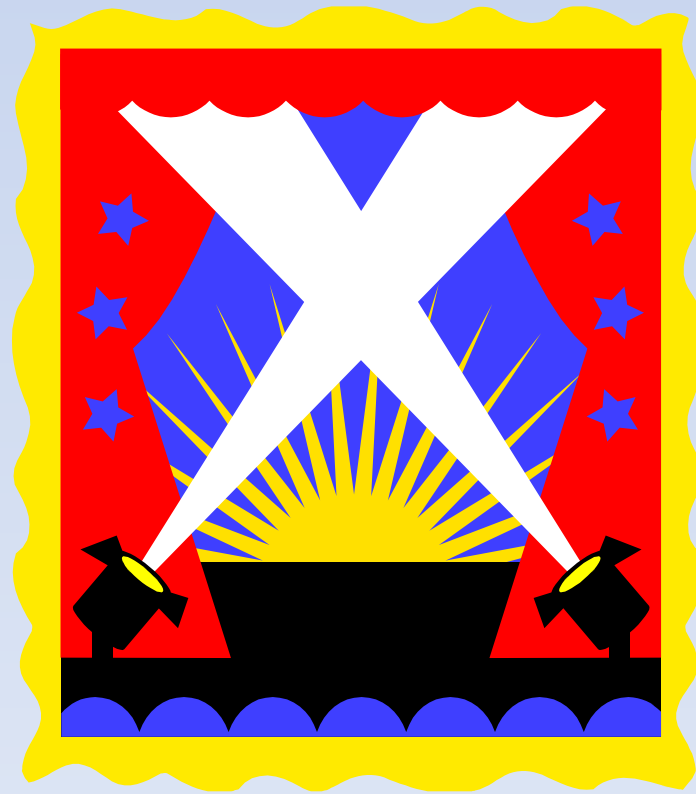
Entity Module Release 1 – Entity Direct Source Volume-In

“Direct Source Volume-In” is the total water volume available to an entity from a self supplied source. This source volume should include WUG supplies, sales to other entities, and surpluses held by entity.

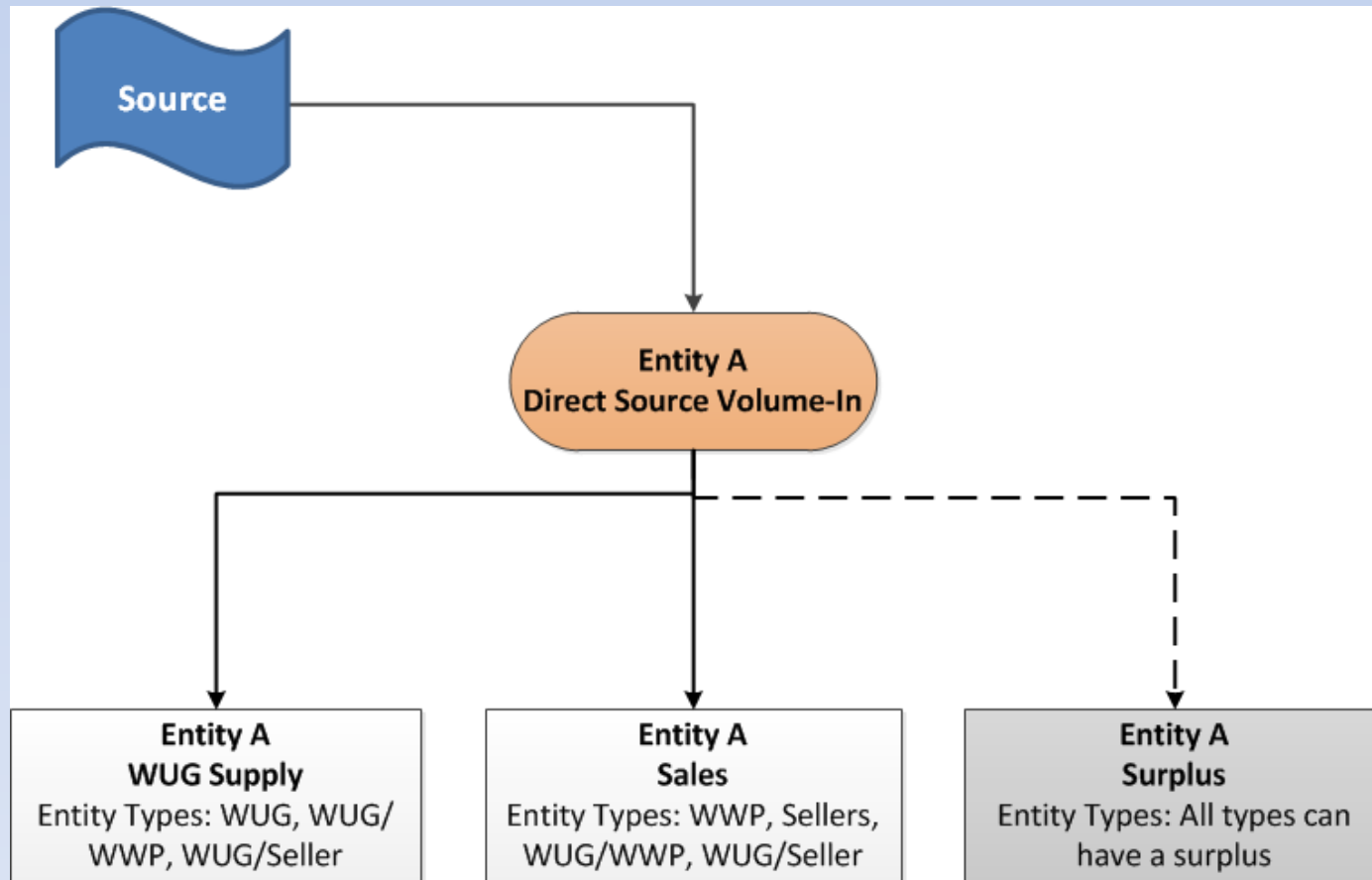


Entity Module Release 1 Questions?

Entity Release 2 Preview

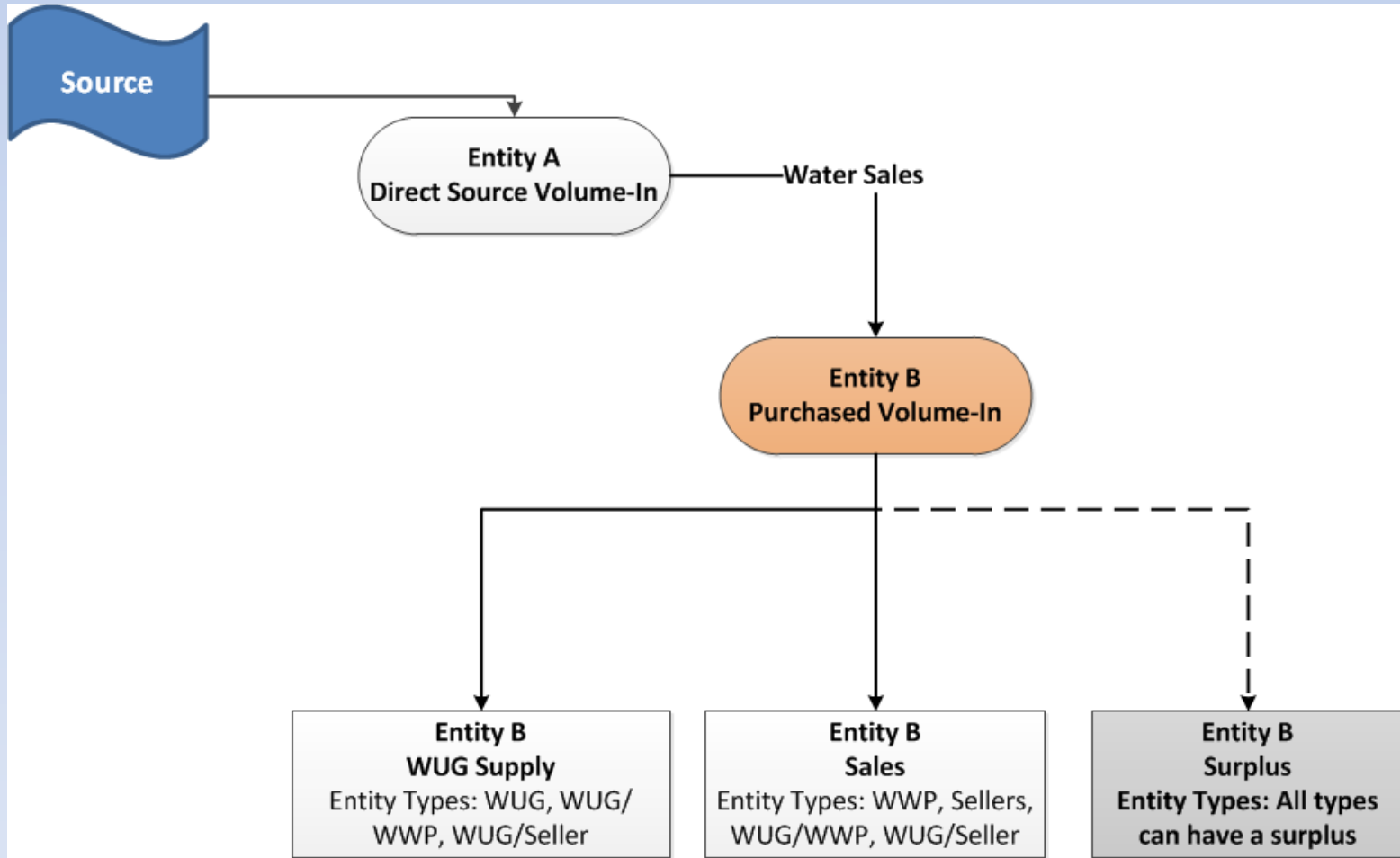


Direct Source Volume-In Overview



*WUG Supply and Sales are entered by source. Surplus is calculated.
 $(\text{Volume-In}) - (\text{WUG Supply} + \text{Sales to Other Entities}) = \text{Entity Surplus Supply}$

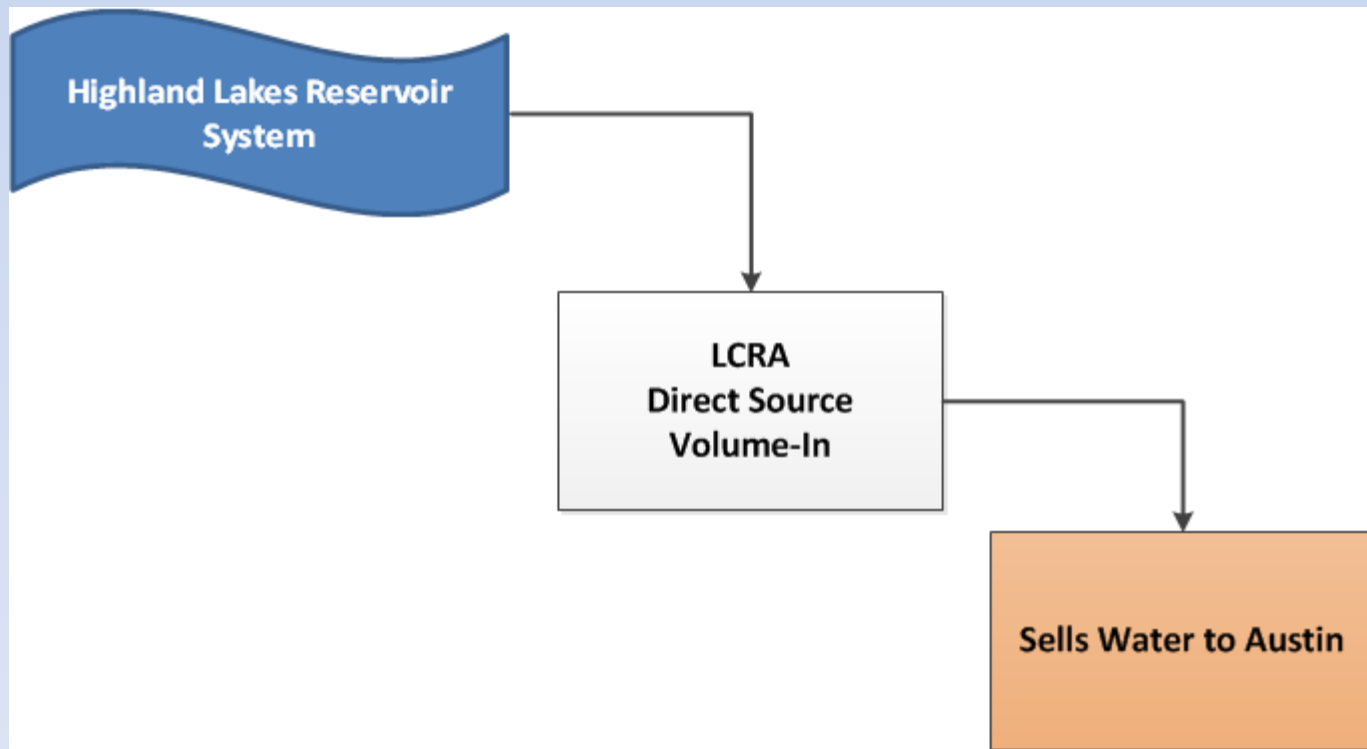
Purchased Volume-In Overview



*WUG Supply and Sales are entered by source. Surplus is calculated.
 $(\text{Volume-In}) - (\text{WUG Supply} + \text{Sales to Other Entities}) = \text{Entity Surplus Supply}$

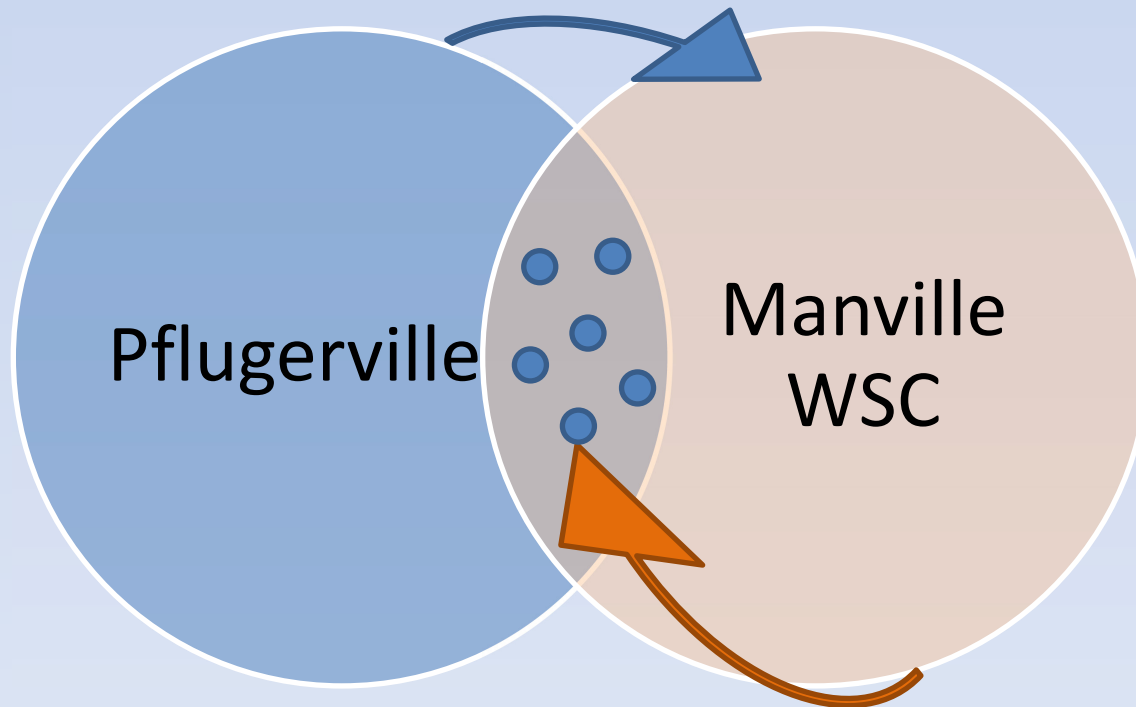
Entity Module Release 2 – Entity Sales

Wholesale Sale – Volume of water sold by one entity to another entity. Wholesale sales can be resold to other entities.



Entity Module Release 2 – Entity Sales

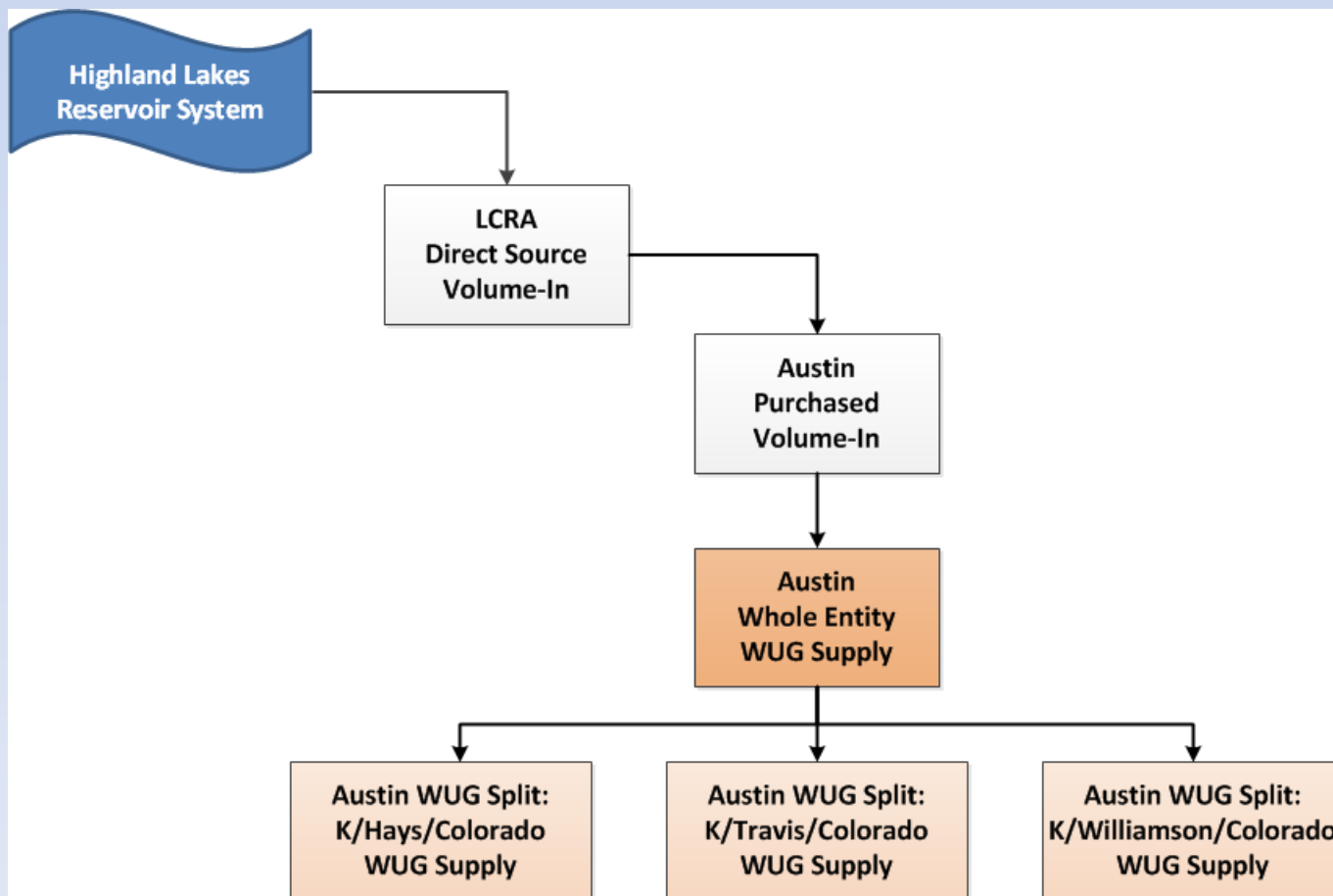
Retail Sale – Volume of water sold by one entity to individual connections in another entity’s boundary. Retail sales cannot be resold.



*Pflugerville sells water wholesale to Manville WSC. Manville WSC sells water to individual connections within its service area, located within the entity Pflugerville’s population boundary.

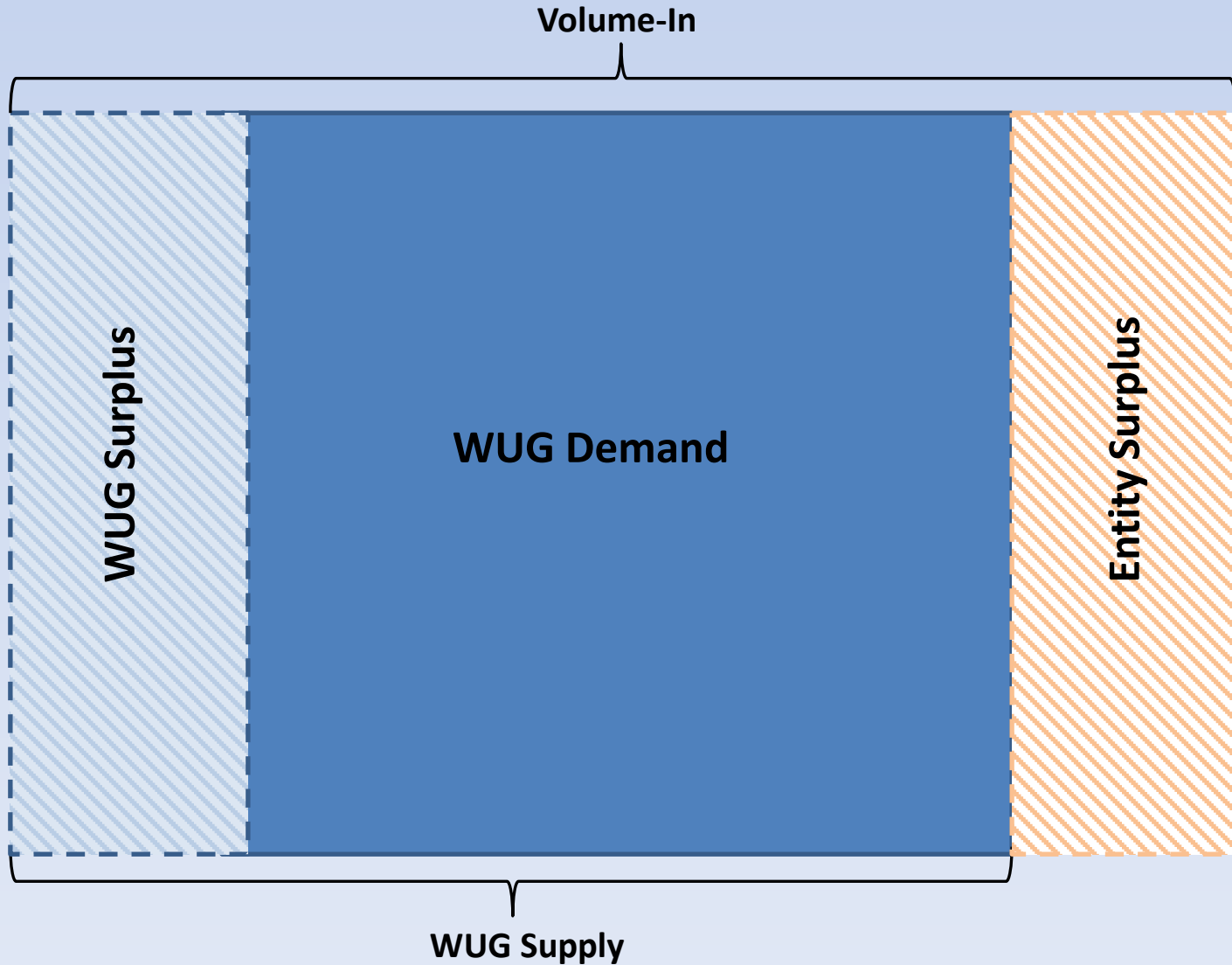
Entity Module Release 2 – WUG Supply

WUG Supply – Volume of water used to meet WUG’s projected demands. WUG supply is first entered at the whole WUG level and then allocated to WUG’s geographic splits.



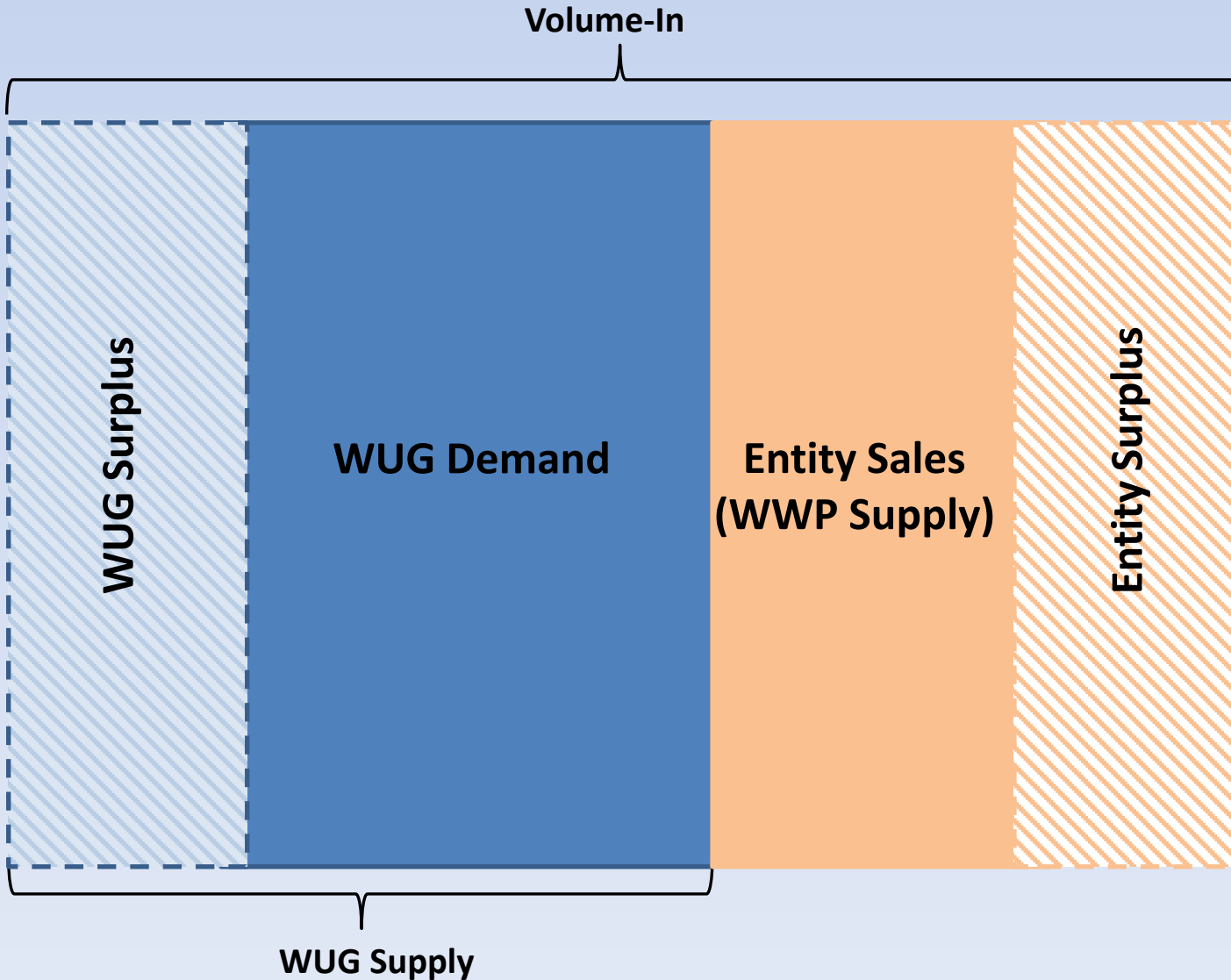
Water Volumes by Entity Type

Entity Type: WUG



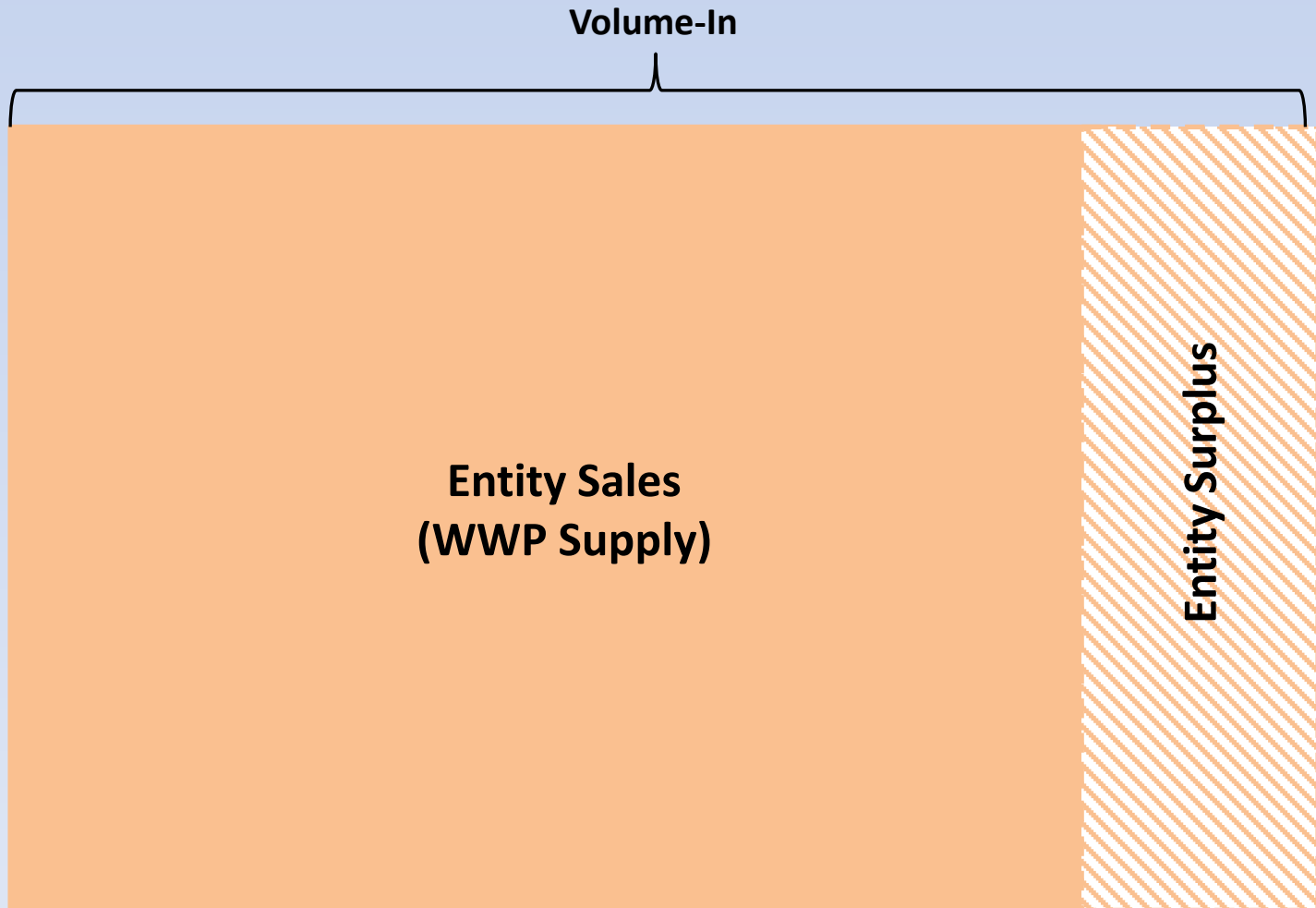
Water Volumes by Entity Type

Entity Types: WUG/WWP or WUG/Seller



Water Volumes by Entity Type

Entity Types: WWP or Seller



Entity Volume Data Entry – Example 1

Big Spring Volume-In & WUG Supply

Tier 1 – Direct Source Volume In

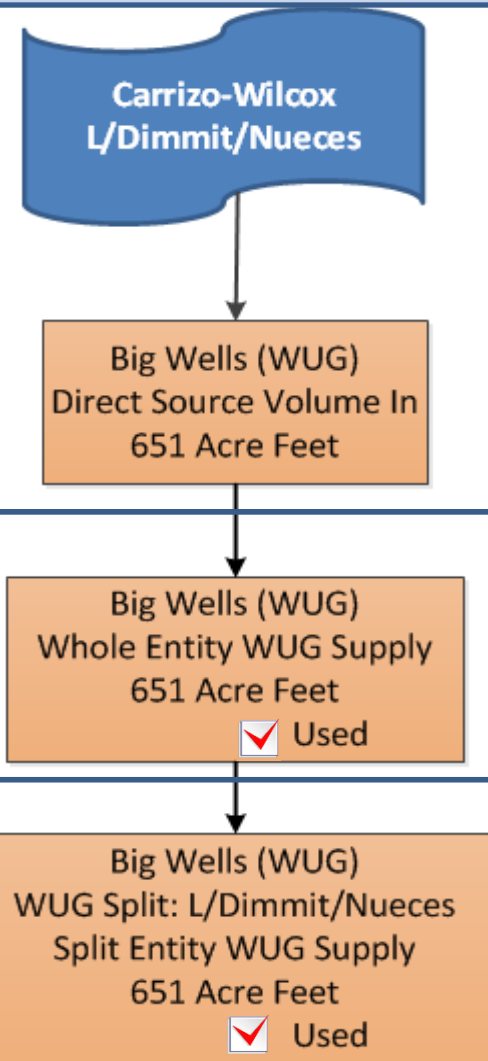
Entities with direct access to sources are “Tier 1”.
RWP Data Entry users add direct access sources through
the Direct Source Volume-In page.

Whole WUG Supply

When a direct source is added to a WUG entity, the source
is automatically added to the entity’s WUG Supply page in
the whole entity WUG supply section.

Split WUG Supply

When a direct source is added to a WUG entity, the source
is automatically added to the entity’s WUG Supply page in
the split WUG supply section.

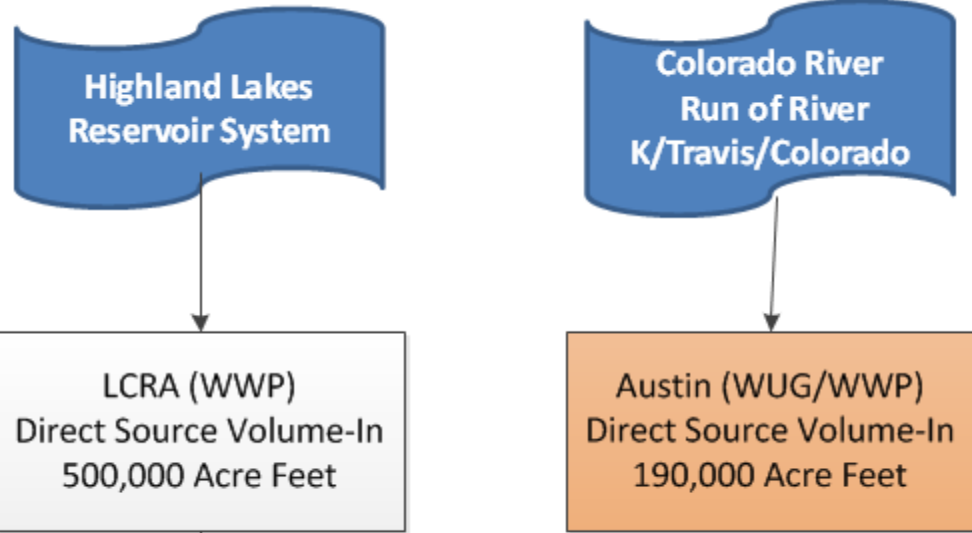


Entity Volume Data Entry – Example 2

Austin Volume-In

Tier 1 – Direct Source Volume In

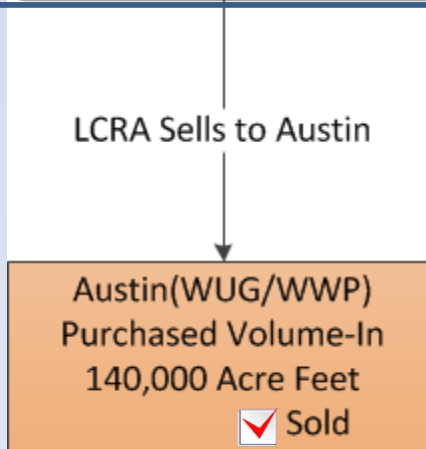
RWP Data Entry user adds direct access sources to both Austin and LCRA through their Direct Source Volume-In pages.



Tier 2 – Purchased Volume In

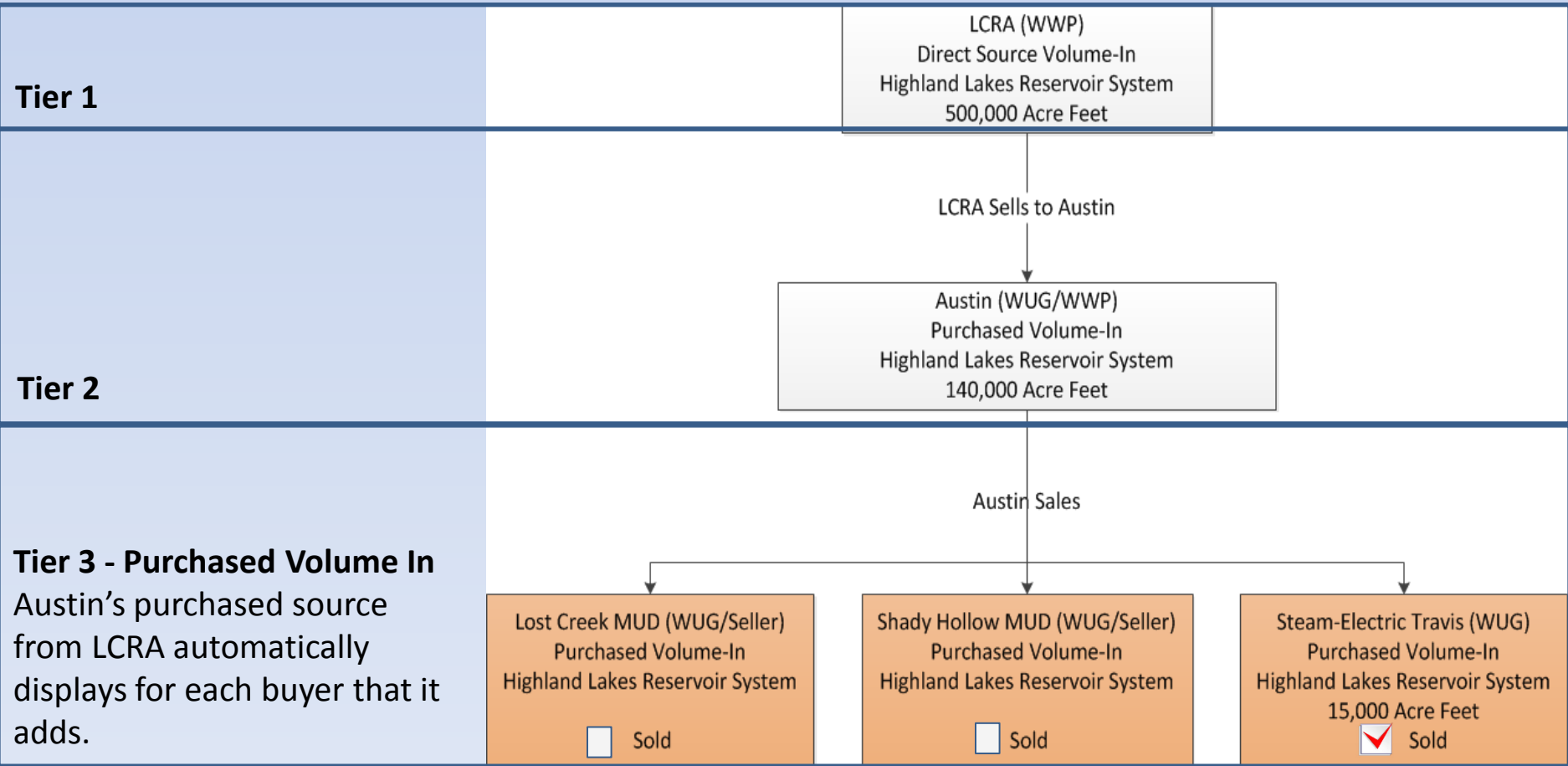
Entities that purchase water from “Tier 1” source recipients are “Tier 2” recipients.

LCRA adds the sale to Austin through its Entity Sales page. Highland Lakes Reservoir System automatically appears in Austin’s Entity Sales and WUG Supply pages.



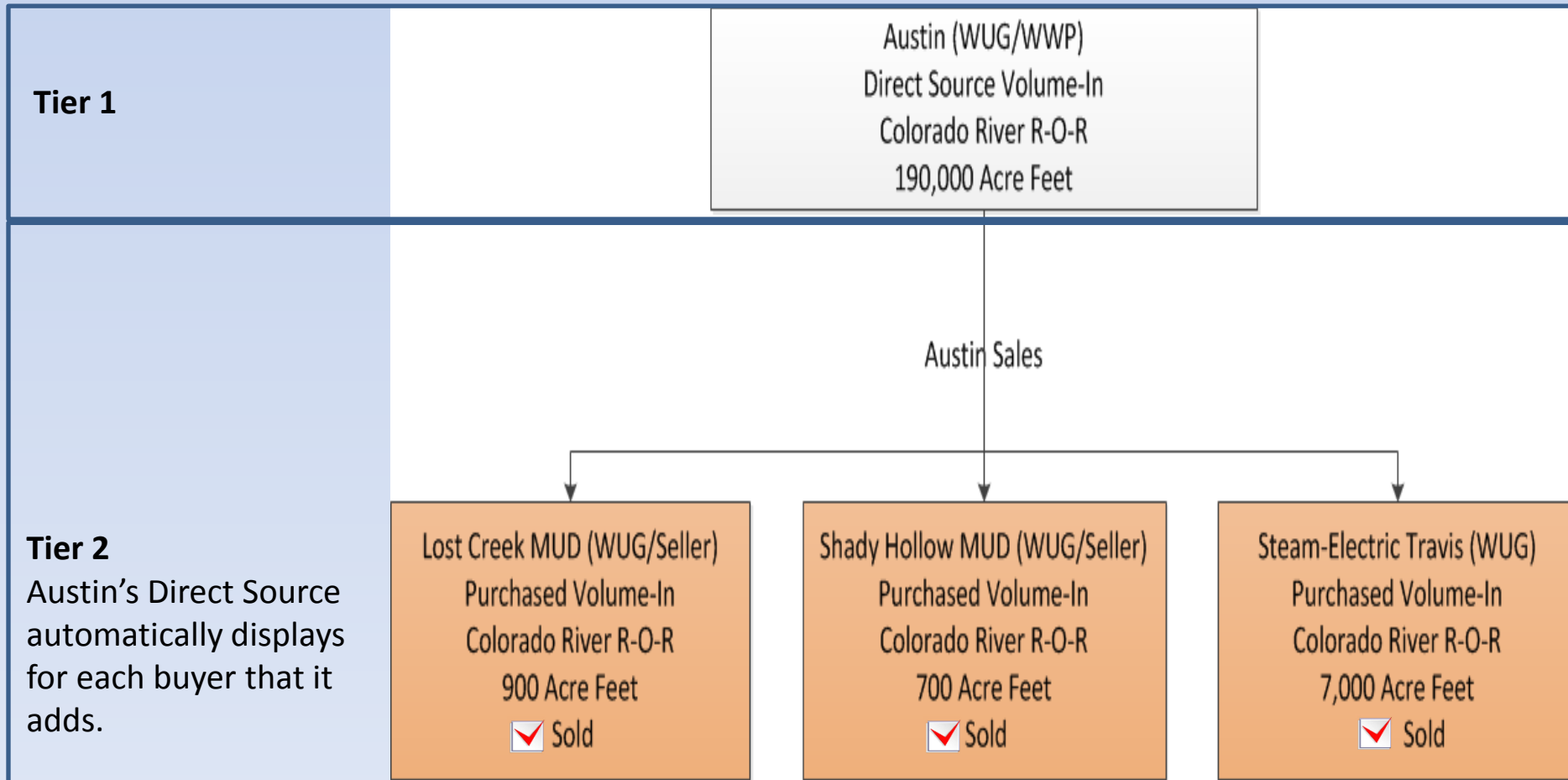
Entity Volume Data Entry – Example 2

Austin Highland Lakes Sales



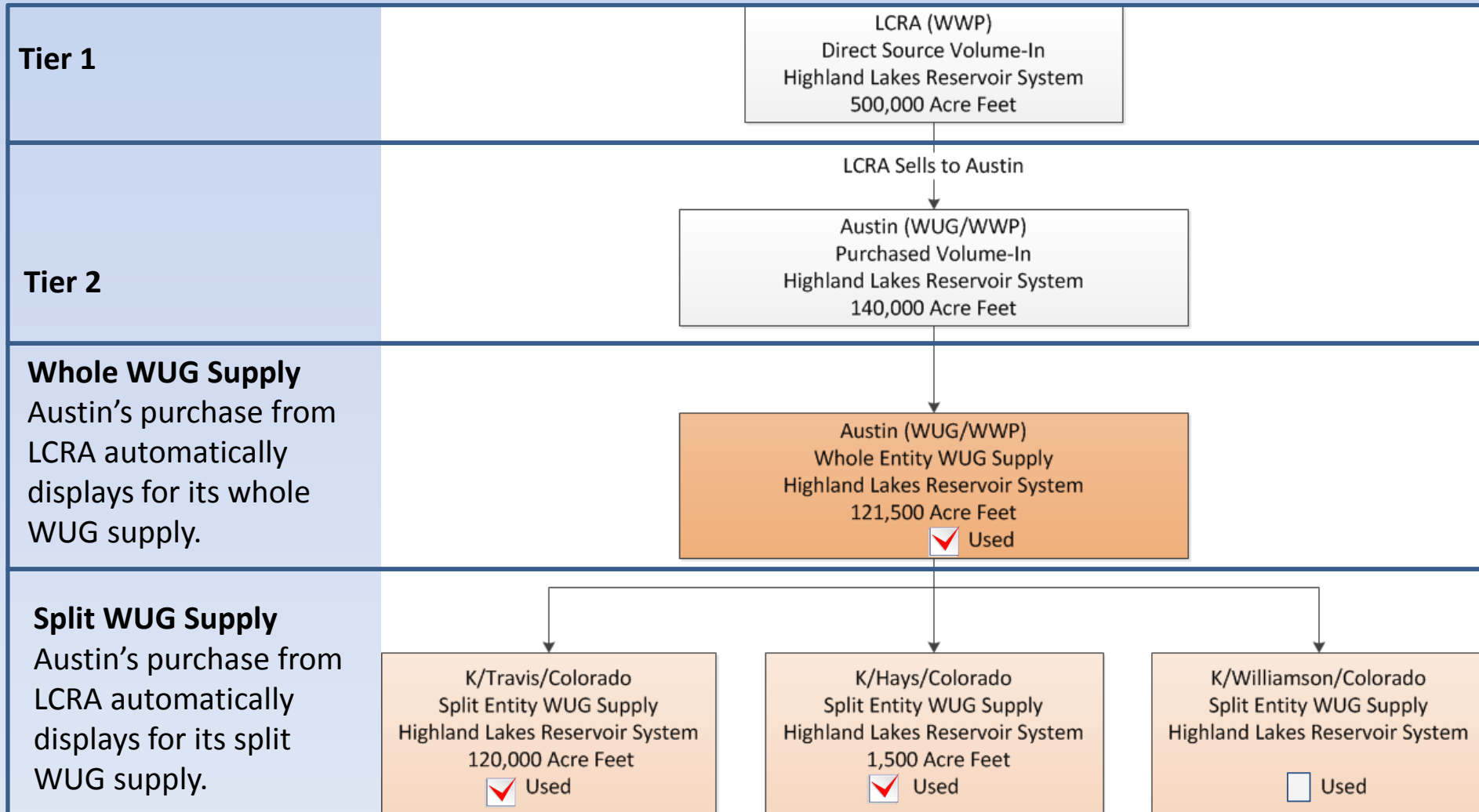
Entity Volume Data Entry – Example 2

Austin Colorado R-O-R Sales



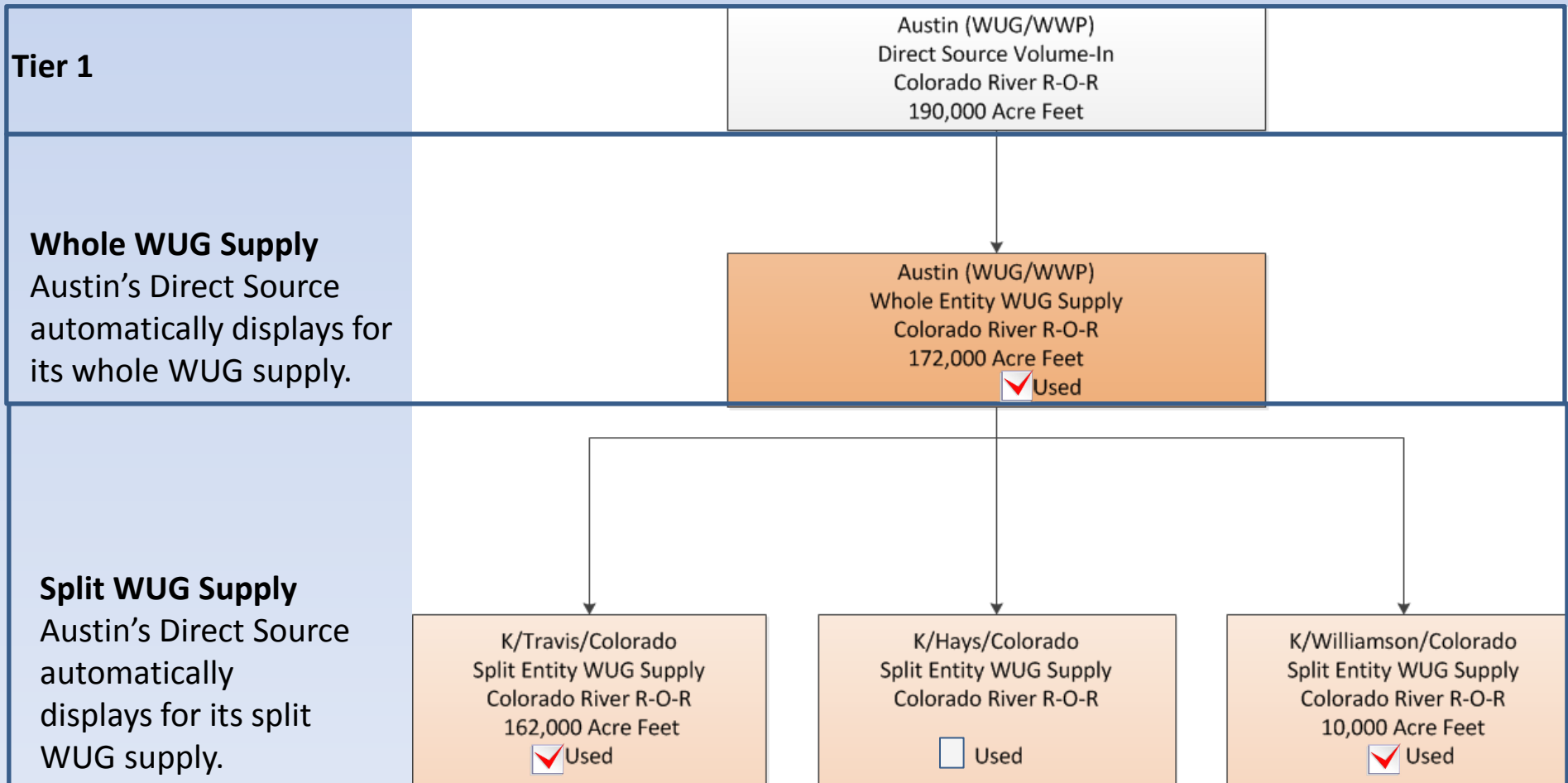
Entity Volume Data Entry – Example 2

Austin Highland Lakes WUG Supplies



Entity Volume Data Entry – Example 2

Colorado River R-O-R WUG Supplies



Entity Module Release 2 Preview Questions?

Steps to Prepare for Entity Module Release 2

- Continue to review list of sources.
- Request to add/remove sources as needed.
- Update source availability & source attributes.
- Correct errors and/or submit appeals through the Source Data Checks Module.
- Enter all Direct Source Volume In data for entities.