



## Water Planning Meeting AGENDA

August 8, 2013 at 10:00 a.m.  
SAWS Customer Service Building, Room CR-C145  
2800 US Hwy 281 North  
San Antonio, Texas

1. Certification of a Quorum by the Secretary
2. Approval of the Minutes from May 9, 2013
3. Update from Brackish Wilcox Groundwater Project workgroup
4. Region L Update
5. Presentation from HDR
6. Regional Planning Process status and next steps
7. New Business
8. Adjourn

## AGENDA ITEM NO. 2

Approval of Minutes from May 9, 2013



**Council of Representatives**  
**MEETING MINUTES**

9:00 a.m. – May 9, 2013  
San Antonio River Authority, Boardroom  
100 E. Guenther Street  
San Antonio, TX

The meeting was called to order by Chairman Pat Allen.

**Council of Representatives Present:**

|   |                                       |
|---|---------------------------------------|
| Alan Cockerell                          | Schertz-Seguin LGC                    |
| Albert Strzelczyk                       | East Central Special Utility District |
| Avery Lunsford, <i>Secretary</i>        | City of Universal City                |
| Darren Thompson, <i>Member at Large</i> | San Antonio Water System              |
| Herb Williams                           | SS WSC                                |
| Humberto Ramos, <i>Member at Large</i>  | Canyon Regional Water Authority       |
| Jeanne Schnuriger, <i>Vice Chair</i>    | Spring Hills WSC                      |
| John Gomez                              | San Antonio River Authority           |
| Mike Taylor                             | Crystal Clear WSC                     |
| Pat Allen, <i>Chair</i>                 | Green Valley Special Utility District |
| Patrick Sullivan                        | City of Alamo Heights                 |
| Randy Schwenn                           | City of Marion                        |
| Sam Willoughby                          | City of Schertz                       |
| Scott Wayman                            | City of Live Oak                      |

**Members, Guests & Administrative:**

|                 |                                 |
|-----------------|---------------------------------|
| Brian Mast      | San Antonio River Authority     |
| Brian Perkins   | HDR Engineering                 |
| David Davenport | Canyon Regional Water Authority |
| Erin Newberry   | San Antonio River Authority     |
| Julia Velez     | San Antonio River Authority     |
| Julie Rowin     | City of Converse                |
| Melissa Bryant  | San Antonio River Authority     |
| Mike Fournier   | Crystal Clear WSC               |
| Tracy Campos    | City of Converse                |

**AGENDA ITEM NO. 1: Certification of a Quorum by the Secretary**

A Quorum was not established at the start of the meeting, but was later established during the report of Agenda item 1.

**AGENDA ITEM NO. 2: Approval of the Minutes from March 27, 2013**

Minutes were approved.

### **AGENDA ITEM NO. 3: Region L Update**

Erin Newberry reported that the most recent Region L meeting was held on May 9, 2013. At that meeting Matt Nelson, of Texas Water Development Board (TWDB), gave a follow-up presentation on a newly added section regarding drought planning. Next, the group was informed of impending vacancies on the planning group board, of which there are 12. The planning group will be seeking nominations for those vacancies, and the closing date is June 21 at 5:00pm. There were updates provided by the chairs of both the Carrizo-Wilcox and the Eagleford Shale workgroups. The Eagleford Shale workgroup will report its final recommendations to the planning group at the August 1 meeting. The Carrizo-Wilcox aquifer will meet again at SARA on May 22, and it too will report its final recommendations to the planning group on August 1. Brian Perkins of HDR Engineering presented survey results from the draft population and water demand projections survey that was sent to all water user groups in April. The planning group approved the eight water management strategies, presented by HDR, for draft scope of work and budget for submittal to TWDB. HDR provided a list of 12 more water management strategies to begin drafting the scope of work and budget, which the planning group will review at its August meeting. Erin explained that TWDB has to provide the planning group a “notice to proceed” before HDR can begin evaluating the water management strategies, but TWDB will not provide that notice until HDR presents the draft scope of work and budget. The next Region L meeting will be Thursday, August 1, at San Antonio Water Systems.

### **AGENDA ITEM NO. 4: Presentation from HDR**

#### **i) Draft Population and Water Demand Projections Survey Results**

Brian Perkins of HDR Engineering presented the survey results from the draft population and water demand projections survey that went out to all water user groups in April. He reported that the survey was sent to 140 water user groups, and of that 73 entities (52.1%) responded, representing 85.6% of the population. Of the 73 entities that responded, 14 had revision requests. HDR is still in the process of trying to contact those entities that either did not reply, or that had revision requests but did not provide appropriate documentation. All population and water demand projections will be submitted to TWDB Board in September. Brian reported that Phase 2 of the survey, which will include an analysis of draft water needs, will be sent out to the water user groups in August.

#### **ii) Draft Water Needs Analysis**

Next, Brian gave a presentation on the draft water needs analysis. He explained that the “needs” is the amount of projected water demand above existing supplies, and reflect a worst-case scenario taking into account a 44% cutback of Edwards Aquifer supply. HDR is in the process of determining needs based on the demands provided by the water user groups, and the supplies calculated by HDR staff. The needs analysis numbers will be presented to the planning group in August for approval.

Brian stated that the needs are draft numbers, and HDR is still incorporating changes. This data will be finalized by August and the calculated needs will be presented in Phase 2 of the survey, which will go out in August. The survey will also request updated information on entities’ water management strategies that were either included in the last regional water plan, or new water management strategies in development. Survey responses are expected back mid-September and will be taken to the Region L Planning Group at its November meeting. At that point HDR expects to be able to start evaluating water management strategies.

Brian reported that in 2014, HDR will evaluate water management strategies, and determine information on supply and cost. HDR will also begin drafting write-ups for approval by the Region L Planning Group in 2014, with the plan of drafting the Initially Prepared Plan (IPP) early 2015. The IPP will be presented for public comment in May 2015, and there will be one-to-three public hearings held before the Regional Water Plan is adopted.

**AGENDA ITEM NO.5: Regional Planning Process Status and Next Steps**

Brian Perkins covered the next steps in the planning process under the previous agenda item. The next Region L planning group meeting will be held August 1, and the planning group will be presented the draft needs analysis for approval.

**AGENDA ITEM NO.6: Discuss and take appropriate action on Brackish Wilcox Groundwater Project for Regional Water Alliance**

Pat Allen stated that the Brackish Wilcox Groundwater Project was listed in the 2011 plan, and this is an opportunity to see if those entities originally involved are still interested in pursuing that project. The entities engaged in the original plan included: SS Water Supply Corporation (WSC), East Central Special Utility District (SUD), Green Valley Special Utility District, Canyon Regional Water Authority (CRWA), and the former Bexar Metropolitan Water District (Bexar Met). There was discussion amongst the members present about the details and logistics of the project. Humberto Ramos stated that Canyon Regional Water Authority supports this project and has included it as a water management strategy. Darren Thompson, on behalf of the former Bexar Met, stated that San Antonio Water System would not be participating in this project. It was determined that a workgroup consisting of CRWA, East Central SUD, Green Valley SUD, SS WSC, and City of La Vernia would be convened to further discuss this project and determine which, if any, RWA member would carry it forward. The results of that workgroup will be reported at the next RWA meeting in August.

**AGENDA ITEM NO.7: Legislative update**

Brian Mast, with the San Antonio River Authority, provided an update on current legislative activity, and his handout will be available on the RWA website.

San Antonio Water System's legislative analyst was not present but provided a handout and that will be available on the website.

**AGENDA ITEM NO.8: New Business**

With no new business the meeting was adjourned.

MINUTES RECOMMENDED FOR APPROVAL BY THE SECRETARY.

---

Avery Lunsford, Secretary

### AGENDA ITEM NO. 3

Update from Brackish Wilcox Groundwater Project  
Workgroup

## AGENDA ITEM NO. 4

### Region L Update

## AGENDA ITEM NO. 5

Presentation from HDR Engineering



# RWA

| WWP                          | Needs (Acft/yr) |        |         |         |         |         | Water Management Strategies |   |                                       |   |                                      |                                  |
|------------------------------|-----------------|--------|---------|---------|---------|---------|-----------------------------|---|---------------------------------------|---|--------------------------------------|----------------------------------|
|                              | 2020            | 2030   | 2040    | 2050    | 2060    | 2070    | WMS 1                       | WMS 2   | WMS 3                                 | WMS 4                                   | WMS 5                                | WMS 6                            |
| Alamo Heights                | 796             | 848    | 820     | 807     | 805     | 805     | Conservation                | Purchase from WWP (SAWS)                        |                                       |   |                                      |                                  |
| Cibolo                       | 0               | 0      | 0       | 453     | 994     | 1,529   | Conservation                | Purchase from WWP (CVLGC)                       |                                       |   |                                      |                                  |
| - if request approved        | 1,424           | 3,962  | 6,300   | 8,837   | 11,375  | 13,655  | Conservation                | Purchase from WWP (CVLGC)                       |                                       |   |                                      |                                  |
| Crystal Clear WSC            | 0               | 0      | 256     | 733     | 1,255   | 1,797   | Conservation                | Wilcox Well Field Project                       | Trinity Well Field Project            | HC PUA                                  |                                      |                                  |
| CRWA (Hays/Caldwell)         | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                | Hays/Caldwell PUA                               |                                       |   |                                      |                                  |
| CRWA (Lk Dunlap/Wells Ranch) | 3,656           | 5,043  | 6,513   | 8,054   | 10,116  | 12,021  | Conservation                | CRWA Wells Ranch - Phase 2                      | Hays/Caldwell PUA                     | Brackish Wilcox Groundwater for CRWA    | CRWA Siesta Project                  | Purchase from WWP (GBRA)         |
| East Central SUD             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| Elmendorf                    | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| Green Valley SUD             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| La Vernia                    | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| - if request approved        | 0               | 0      | 0       | 58      | 170     | 283     | Conservation                | Local GW (Carrizo-Wilcox)                       | Purchase from WWP (CRWA)              |   |                                      |                                  |
| Live Oak                     | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| Marion                       | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| San Antonio                  | 58,767          | 80,134 | 106,824 | 130,431 | 153,940 | 175,711 | Conservation                | Purchase from WWP (SAWS)                        |                                       |   |                                      |                                  |
| San Antonio Water System     | 3,988           | 7,546  | 10,982  | 14,512  | 18,018  | 21,290  | Conservation                | Purchase from WWP (SAWS)                        |                                       |   |                                      |                                  |
| SAWS                         | 61,685          | 84,811 | 115,840 | 142,832 | 168,359 | 193,402 | Conservation                | Brackish Wilcox Groundwater for SAWS            | Regional Water Supply Project (RFCSP) | Additional CRWA (Wells Ranch - Phase 2) | Water Resources Integration Pipeline | Regional Brackish Wilcox Project |
|                              |                 |        |         |         |         |         | EAHCP                       | Expanded Local Carrizo                          | Direct Reuse Expansion                | Drought Management                      | Advanced Meter Infrastructure        |                                  |
| Schertz                      | 0               | 0      | 670     | 1,894   | 3,155   | 4,401   | Conservation                | Purchase from WWP (SSLGC)                       |                                       |   |                                      |                                  |
| - if request approved        | 0               | 1,240  | 4,173   | 7,574   | 11,690  | 15,878  | Conservation                | Purchase from WWP (SSLGC)                       |                                       |   |                                      |                                  |
| Seguin                       | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| Selma                        | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |   |                                       |   |                                      |                                  |
| Shavano Park                 | 425             | 555    | 677     | 797     | 909     | 1,013   | Conservation                | Purchase from WWP (SAWS)                        |                                       |   |                                      |                                  |
| SH WSC                       | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                | CRWA Wells Ranch - Phase 2                      | Purchase from WWP (CRWA)              |   |                                      |                                  |
| SSLGC                        | 0               | 1,418  | 515     | 660     | 2,046   | 2,046   | Conservation                | Expansion Carrizo-Wilcox Aquifer (Guadalupe Co) | Brackish Wilcox (Gonz Co)             |   |                                      |                                  |
| SS WSC                       | 0               | 0      | 0       | 0       | 0       | 234     | Conservation                | Local GW (Carrizo-Wilcox)                       | Brackish Wilcox for SS WSC            |   |                                      |                                  |
| - if request approved        | 0               | 0      | 18      | 985     | 2,268   | 3,551   | Conservation                | Local GW (Carrizo-Wilcox)                       | Brackish Wilcox for SS WSC            |   |                                      |                                  |
| Universal City               | 416             | 431    | 372     | 339     | 333     | 332     | Conservation                | Purchase from WWP (SSLGC)                       |                                       |   |                                      |                                  |

## WWPs

| WWP                                | Needs (Acft/yr) |        |         |         |         |         | Water Management Strategies |  |  |   |  |                                     |
|------------------------------------|-----------------|--------|---------|---------|---------|---------|-----------------------------|--|--|---|--|-------------------------------------|
|                                    | 2020            | 2030   | 2040    | 2050    | 2060    | 2070    | WMS 1                       | WMS 2  | WMS 3                                    | WMS 4   | WMS 5                                      | WMS 6                               |
| CRWA<br>(Hays/Caldwell)            | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                | Hays/Caldwell PUA                                  |  |   |  |                                     |
| CRWA<br>(Lk Dunlap/Wells<br>Ranch) | 3,656           | 5,043  | 6,513   | 8,054   | 10,116  | 12,021  | Conservation                | CRWA Wells Ranch -<br>Phase 2                      | Hays/Caldwell PUA                        | Brackish Wilcox<br>Groundwater for<br>CRWA    | CRWA Siesta<br>Project                     | Purchase from<br>WWP (GBRA)         |
| CVLGC                              | 2,336           | 6,034  | 11,170  | 15,000  | 19,000  | 19,000  | Conservation                | Carrizo-Wilcox Aquifer<br>(Wilson Co)              |  |   |  |                                     |
| GBRA<br>(Canyon)                   | 15,500          | 18,738 | 20,010  | 17,216  | 18,729  | 20,382  | Conservation                | GBRA Mid-Basin Project                             | GBRA Lower Basin<br>Storage              | GBRA New<br>Application (Lower<br>Basin)      |  | Integrated Water-<br>Power Project  |
| GBRA<br>(Mid-Basin)                | 2,800           | 2,800  | 2,800   | 2,800   | 2,800   | 2,800   | Conservation                | GBRA Mid-Basin Project                             | GBRA Lower Basin<br>Storage              | GBRA New<br>Application (Lower<br>Basin)      | Luling ASR                                 | Integrated Water-<br>Power Project  |
| GBRA<br>(Lower Basin)              | 0               | 4,083  | 7,093   | 9,727   | 12,366  | 17,397  | Conservation                |  | GBRA Lower Basin<br>Storage              | GBRA New<br>Application (Lower<br>Basin)      |  | Integrated Water-<br>Power Project  |
| HC PUA                             | 437             | 3,143  | 8,456   | 15,560  | 23,484  | 23,484  | Conservation                | HCPUA - Phase 1                                    | HCPUA - Phase 2                          |   |  |                                     |
| SAWS                               | 61,685          | 84,811 | 115,840 | 142,832 | 168,359 | 193,402 | Conservation                | Brackish Wilcox<br>Groundwater for SAWS            | Regional Water Supply<br>Project (RFCSP) | Additional CRWA<br>(Wells Ranch - Phase<br>2) | Water Resources<br>Integration<br>Pipeline | Regional Brackish<br>Wilcox Project |
|                                    |                 |        |         |         |         |         | EAHCP                       | Expanded Local Carrizo                             | Direct Reuse<br>Expansion                | Drought<br>Management                         | Advanced Meter<br>Infrastructure           |                                     |
| SH WSC                             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                | CRWA Wells Ranch -<br>Phase 2                      | Purchase from WWP<br>(CRWA)              |   |  |                                     |
| SSLGC                              | 0               | 1,418  | 515     | 660     | 2,046   | 2,046   | Conservation                | Expansion Carrizo-Wilcox<br>Aquifer (Guadalupe Co) | Brackish Wilcox<br>(Gonz Co)             |   |  |                                     |
| TWA                                | 615             | 1,854  | 4,526   | 8,891   | 13,579  | 18,527  | Conservation                | TWA - Carrizo Well Field                           | TWA - Trinity Well<br>Field              |   |  |                                     |

## Atascosa

| WUG            | Needs (Acft/yr) |      |      |      |      |      | Water Management Strategies |                           |       |
|----------------|-----------------|------|------|------|------|------|-----------------------------|---------------------------|-------|
|                | 2020            | 2030 | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2                     | WMS 3 |
| Benton City    | 0               | 0    | 0    | 0    | 0    | 25   | Conservation                | Local GW (Carrizo-Wilcox) |       |
| Charlotte      | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Jourdanton     | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Lytle          | 171             | 257  | 333  | 409  | 484  | 554  | Conservation                | Edwards Transfers         |       |
| McCoy          | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Pleasanton     | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Poteet         | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Other          | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Manufacturing  | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Mining         | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Steam-Electric | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Irrigation     | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Livestock      | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |

# Bexar

| WUG                      | Needs (Acft/yr) |        |         |         |         |         | Water Management Strategies |                           |                           |
|--------------------------|-----------------|--------|---------|---------|---------|---------|-----------------------------|---------------------------|---------------------------|
|                          | 2020            | 2030   | 2040    | 2050    | 2060    | 2070    | WMS 1                       | WMS 2                     | WMS 3                     |
| Alamo Heights            | 796             | 848    | 820     | 807     | 805     | 805     | Conservation                | Purchase from WWP (SAWS)  |                           |
| Atasoca Rural            | 1,167           | 1,446  | 1,708   | 1,970   | 2,218   | 2,448   | Conservation                | Purchase from WWP (SAWS)  |                           |
| Balcones Heights         | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Castle Hills             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                | Edwards Transfers         |                           |
| China Grove              | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Converse                 | 934             | 1,417  | 1,873   | 2,329   | 2,764   | 3,165   | Conservation                | Purchase from WWP (SSLGC) | Purchase from WWP (CVLGC) |
| - if request approved    | 3,260           | 3,814  | 4,288   | 4,288   | 4,288   | 4,288   | Conservation                | Purchase from WWP (SSLGC) | Purchase from WWP (CVLGC) |
| East Central SUD         | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Elmendorf                | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Fair Oaks Ranch          | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| - if request approved    | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Hill Country Village     | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Hollywood Park           | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Kirby                    | 137             | 207    | 181     | 169     | 169     | 169     | Conservation                | Purchase from WWP (SAWS)  |                           |
| Lackland AFB             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Leon Valley              | 97              | 147    | 196     | 254     | 317     | 377     | Conservation                | Purchase from WWP (SAWS)  |                           |
| Live Oak                 | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Olmos Park               | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Randolf AFB              | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| San Antonio              | 58,767          | 80,134 | 106,824 | 130,431 | 153,940 | 175,711 | Conservation                | Purchase from WWP (SAWS)  |                           |
| San Antonio Water System | 3,988           | 7,546  | 10,982  | 14,512  | 18,018  | 21,290  | Conservation                | Purchase from WWP (SAWS)  |                           |
| Selma                    | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Shavano Park             | 425             | 555    | 677     | 797     | 909     | 1,013   | Conservation                | Purchase from WWP (SAWS)  |                           |
| Somerset                 | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| St. Hedwig               | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Terrel Hills             | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| The Oaks WSC             | 0               | 0      | 20      | 79      | 133     | 184     | Conservation                | Purchase from WWP (SAWS)  |                           |
| Universal City           | 416             | 431    | 372     | 339     | 333     | 332     | Conservation                | Purchase from WWP (SSLGC) |                           |
| Von Ormy                 | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Water Services Inc       | 0               | 0      | 0       | 0       | 0       | 0       | Conservation                |                           |                           |
| Windcrest                | 326             | 343    | 361     | 388     | 420     | 451     | Conservation                | Purchase from WWP (SAWS)  |                           |
| Other                    | 0               | 0      | 0       | 1,185   | 2,686   | 4,065   | Conservation                | Local GW (Trinity)        | Purchase from WWP (SAWS)  |
| Manufacturing            | 0               | 0      | 0       | 0       | 1,102   | 3,724   |                             |                           |                           |
| Mining                   | 0               | 0      | 0       | 0       | 5       | 5       |                             |                           |                           |
| Steam-Electric           | 0               | 0      | 0       | 0       | 0       | 0       |                             |                           |                           |
| Irrigation               | 5,191           | 4,700  | 4,229   | 3,778   | 3,353   | 2,973   | Conservation                | Unmet                     |                           |
| Livestock                | 0               | 0      | 0       | 0       | 0       | 0       |                             |                           |                           |

## Caldwell

| WUG                | Needs (Acft/yr) |      |       |       |       |       | Water Management Strategies |                           |       |
|--------------------|-----------------|------|-------|-------|-------|-------|-----------------------------|---------------------------|-------|
|                    | 2020            | 2030 | 2040  | 2050  | 2060  | 2070  | WMS 1                       | WMS 2                     | WMS 3 |
| Aqua WSC           | 0               | 0    | 0     | 0     | 0     | 0     | Conservation                |                           |       |
| Creedmoor-Maha WSC | 0               | 0    | 0     | 0     | 0     | 0     | Conservation                |                           |       |
| Lockhart           | 188             | 613  | 1,042 | 1,484 | 1,947 | 2,402 | Conservation                | GBRA Mid-Basin            |       |
| Luling             | 0               | 41   | 218   | 402   | 596   | 787   | Conservation                | GBRA Mid-Basin            |       |
| Martindale         | 0               | 41   | 218   | 402   | 596   | 787   | Conservation                | GBRA Mid-Basin            |       |
| Maxwell WSC        | 0               | 0    | 0     | 0     | 0     | 0     | Conservation                | HC PUA                    |       |
| Mustang Ridge      | 0               | 0    | 0     | 6     | 20    | 34    | Conservation                | Local GW (Carrizo-Wilcox) |       |
| Polonia WSC        | 0               | 0    | 0     | 88    | 266   | 442   | Conservation                | Local GW (Carrizo-Wilcox) |       |
| Other              | 0               | 0    | 0     | 0     | 0     | 0     | Conservation                |                           |       |
| Manufacturing      | 0               | 0    | 0     | 0     | 0     | 0     |                             |                           |       |
| Mining             | 0               | 0    | 0     | 0     | 0     | 0     |                             |                           |       |
| Steam-Electric     | 0               | 0    | 0     | 0     | 0     | 0     |                             |                           |       |
| Irrigation         | 0               | 0    | 0     | 0     | 0     | 0     |                             |                           |       |
| Livestock          | 0               | 0    | 0     | 0     | 0     | 0     |                             |                           |       |

## Calhoun

| WUG                | Needs (Acft/yr) |        |        |        |       |        | Water Management Strategies |       |       |
|--------------------|-----------------|--------|--------|--------|-------|--------|-----------------------------|-------|-------|
|                    | 2020            | 2030   | 2040   | 2050   | 2060  | 2070   | WMS 1                       | WMS 2 | WMS 3 |
| Calhoun County WSC | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Point Comfort      | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Port Lavaca        | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Port O'Connor MUD  | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Seadrift           | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Other              | 0               | 0      | 0      | 0      | 0     | 0      | Conservation                |       |       |
| Manufacturing      | 0               | 0      | 0      | 2,113  | 6,945 | 11,126 | Lavaca Off-Channel          |       |       |
| Mining             | 0               | 0      | 0      | 0      | 0     | 0      |                             |       |       |
| Steam-Electric     | 0               | 0      | 0      | 0      | 0     | 0      |                             |       |       |
| Irrigation         | 13,324          | 11,787 | 10,746 | 10,000 | 9,305 | 8,578  | Conservation                | Unmet |       |
| Livestock          | 0               | 0      | 0      | 0      | 0     | 0      |                             |       |       |

# Comal

| WUG             | Needs (Acft/yr) |       |       |       |        |        | Water Management Strategies |                         |                        |                   |             |                           |
|-----------------|-----------------|-------|-------|-------|--------|--------|-----------------------------|-------------------------|------------------------|-------------------|-------------|---------------------------|
|                 | 2020            | 2030  | 2040  | 2050  | 2060   | 2070   | WMS 1                       | WMS 2                   | WMS 3                  | WMS 4             | WMS 5       | WMS 6                     |
| Bulverde        | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                         |                        |                   |             |                           |
| Canyon Lake WSC | 0               | 0     | 0     | 0     | 40     | 1,691  | Conservation                | Purchase from WWP (TWA) |                        |                   |             |                           |
| Garden Ridge    | 1,023           | 1,599 | 2,188 | 2,786 | 3,383  | 3,957  | Conservation                | Local GW (Trinity)      |                        |                   |             | Purchase from WWP (SSLGC) |
| New Braunfels   | 0               | 1,616 | 5,012 | 8,483 | 12,000 | 15,405 | Conservation                | NBU ASR                 | NBU Trinity Well Field | NBU Reuse Project | NBU New WTP | Purchase from WWP (GBRA)  |
| Other           | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                         |                        |                   |             |                           |
| Manufacturing   | 14              | 465   | 1,496 | 2,123 | 3,004  | 3,958  | Conservation                | Recycled Water          |                        |                   |             | Purchase from WWP (GBRA)  |
| Mining          | 0               | 0     | 0     | 0     | 0      | 0      |                             |                         |                        |                   |             |                           |
| Steam-Electric  | 0               | 0     | 0     | 0     | 0      | 0      |                             |                         |                        |                   |             |                           |
| Irrigation      | 0               | 0     | 0     | 0     | 0      | 0      |                             |                         |                        |                   |             |                           |
| Livestock       | 0               | 0     | 0     | 0     | 0      | 0      |                             |                         |                        |                   |             |                           |

## DeWitt

| WUG            | Needs (Acft/yr) |       |      |      |      |      | Water Management Strategies |                |       |
|----------------|-----------------|-------|------|------|------|------|-----------------------------|----------------|-------|
|                | 2020            | 2030  | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2          | WMS 3 |
| Cuero          | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                |       |
| Yoakum         | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                |       |
| Yorktown       | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                |       |
| Other          | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                |       |
| Manufacturing  | 0               | 0     | 0    | 0    | 0    | 0    |                             |                |       |
| Mining         | 1,550           | 1,358 | 580  | 0    | 0    | 0    | Conservation                | Recycled Water |       |
| Steam-Electric | 0               | 0     | 0    | 0    | 0    | 0    |                             |                |       |
| Irrigation     | 0               | 0     | 0    | 0    | 0    | 0    |                             |                |       |
| Livestock      | 0               | 0     | 0    | 0    | 0    | 0    |                             |                |       |

\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation



## Dimmit

| WUG             | Needs (Acft/yr) |       |       |       |       |       | Water Management Strategies |                    |       |
|-----------------|-----------------|-------|-------|-------|-------|-------|-----------------------------|--------------------|-------|
|                 | 2020            | 2030  | 2040  | 2050  | 2060  | 2070  | WMS 1                       | WMS 2              | WMS 3 |
| Asherton        | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| Big Wells       | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| Carrizo Springs | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| Other           | 112             | 132   | 142   | 157   | 171   | 184   | Conservation                | Drought Management |       |
| Manufacturing   | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |
| Mining          | 4,826           | 4,908 | 4,244 | 2,731 | 1,222 | 676   | Conservation                | Recycled Water     |       |
| Steam-Electric  | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |
| Irrigation      | 3,421           | 3,361 | 3,131 | 2,895 | 2,669 | 2,515 | Conservation                | Unmet              |       |
| Livestock       | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |

\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation

## Frio

| WUG            | Needs (Acft/yr) |      |      |      |      |      | Water Management Strategies |                           |       |
|----------------|-----------------|------|------|------|------|------|-----------------------------|---------------------------|-------|
|                | 2020            | 2030 | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2                     | WMS 3 |
| Dilley         | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Pearsall       | 0               | 0    | 0    | 0    | 0    | 19   | Conservation                | Local GW (Carrizo-Wilcox) |       |
| Other          | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                           |       |
| Manufacturing  | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Mining         | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Steam-Electric | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Irrigation     | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |
| Livestock      | 0               | 0    | 0    | 0    | 0    | 0    |                             |                           |       |

## Goliad

| WUG            | Needs (Acft/yr) |      |      |      |      |      | Water Management Strategies |       |       |
|----------------|-----------------|------|------|------|------|------|-----------------------------|-------|-------|
|                | 2020            | 2030 | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2 | WMS 3 |
| Goliad         | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |       |       |
| Other          | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |       |       |
| Manufacturing  | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Mining         | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Steam-Electric | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Irrigation     | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Livestock      | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |

*\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation*

## Gonzales

| WUG                 | Needs (Acft/yr) |      |      |      |      |      | Water Management Strategies |                         |                          |
|---------------------|-----------------|------|------|------|------|------|-----------------------------|-------------------------|--------------------------|
|                     | 2020            | 2030 | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2                   | WMS 3                    |
| Gonzales            | 0               | 0    | 0    | 0    | 88   | 306  | Conservation                | Purchase from WWP (TWA) | Purchase from WWP (GBRA) |
| Gonzales County WSC | 0               | 0    | 0    | 9    | 206  | 413  | Conservation                | Purchase from WWP (TWA) | Purchase from WWP (GBRA) |
| Nixon               | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                         |                          |
| Smiley              | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                         |                          |
| Waelder             | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                         |                          |
| Other               | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |                         |                          |
| Manufacturing       | 0               | 0    | 0    | 0    | 0    | 0    |                             |                         |                          |
| Mining              | 0               | 0    | 0    | 0    | 0    | 0    |                             |                         |                          |
| Steam-Electric      | 0               | 0    | 0    | 0    | 0    | 0    |                             |                         |                          |
| Irrigation          | 0               | 0    | 0    | 0    | 0    | 0    |                             |                         |                          |
| Livestock           | 0               | 0    | 0    | 0    | 0    | 0    |                             |                         |                          |

*\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation.*

## Guadalupe

| WUG                   | Needs (Acft/yr) |       |       |       |        |        | Water Management Strategies |                           |                            |        |
|-----------------------|-----------------|-------|-------|-------|--------|--------|-----------------------------|---------------------------|----------------------------|--------|
|                       | 2020            | 2030  | 2040  | 2050  | 2060   | 2070   | WMS 1                       | WMS 2                     | WMS 3                      | WMS 4  |
| Cibolo                | 0               | 0     | 0     | 453   | 994    | 1,529  | Conservation                | Purchase from WWP (CVLGC) |                            |        |
| - if request approved | 1,424           | 3,962 | 6,300 | 8,837 | 11,375 | 13,655 | Conservation                | Purchase from WWP (CVLGC) |                            |        |
| Crystal Clear WSC     | 0               | 0     | 256   | 733   | 1,255  | 1,797  | Conservation                | Wilcox Well Field Project | Trinity Well Field Project | HC PUA |
| Green Valley SUD      | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Marion                | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| New Berlin            | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Santa Clara           | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Schertz               | 0               | 0     | 670   | 1,894 | 3,155  | 4,401  | Conservation                | Purchase from WWP (SSLGC) |                            |        |
| - if request approved | 0               | 1,240 | 4,173 | 7,574 | 11,690 | 15,878 | Conservation                | Purchase from WWP (SSLGC) |                            |        |
| Seguin                | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Springs Hill WSC      | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Other                 | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                           |                            |        |
| Manufacturing         | 0               | 0     | 0     | 178   | 509    | 869    | Conservation                | Recycled Water            | Purchase from WWP (GBRA)   |        |
| Mining                | 0               | 0     | 0     | 0     | 0      | 0      |                             |                           |                            |        |
| Steam-Electric        | 0               | 0     | 0     | 0     | 0      | 0      |                             |                           |                            |        |
| Irrigation            | 0               | 0     | 0     | 0     | 0      | 0      |                             |                           |                            |        |
| Livestock             | 0               | 0     | 0     | 0     | 0      | 0      |                             |                           |                            |        |

## Hays

| WUG                   | Needs (Acft/yr) |       |       |       |        |        | Water Management Strategies |                               |                          |
|-----------------------|-----------------|-------|-------|-------|--------|--------|-----------------------------|-------------------------------|--------------------------|
|                       | 2020            | 2030  | 2040  | 2050  | 2060   | 2070   | WMS 1                       | WMS 2                         | WMS 3                    |
| Buda                  | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| County Line SUD       | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| Goforth SUD           | 0               | 0     | 0     | 0     | 0      | 93     | Conservation                | Purchase from WWP (GBRA)      |                          |
| Kyle                  | 0               | 1,648 | 3,101 | 3,087 | 3,076  | 3,072  | Conservation                | Purchase from WWP (HCPUA)     | Purchase from WWP (GBRA) |
| Mountain City         | 10              | 17    | 25    | 35    | 46     | 60     | Conservation                | Purchase from WWP (HCPUA)     | Purchase from WWP (GBRA) |
| Niederwald            | 62              | 81    | 105   | 134   | 166    | 203    | Conservation                | Purchase from WWP (HCPUA)     | Purchase from WWP (GBRA) |
| Plum Creek Water Co   | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| - if request approved | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| San Marcos            | 0               | 0     | 0     | 78    | 3,310  | 7,005  | Conservation                | Purchase from WWP (HCPUA)     | Purchase from WWP (GBRA) |
| - if request approved | 0               | 0     | 0     | 0     | 1,274  | 4,589  | Conservation                | Purchase from WWP (HCPUA)     | Purchase from WWP (GBRA) |
| Uhland                | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| Wimberley             | 0               | 0     | 174   | 456   | 778    | 1,146  | Conservation                | Purchase from WWP (TWA)/CLWSC | Purchase from WWP (GBRA) |
| Wimberley WSC         | 0               | 0     | 236   | 564   | 934    | 1,356  | Conservation                | Purchase from WWP (TWA)/CLWSC | Purchase from WWP (GBRA) |
| WoodCreek             | 0               | 0     | 0     | 0     | 0      | 0      | Conservation                |                               |                          |
| Other                 | 0               | 0     | 103   | 5,130 | 10,821 | 17,303 | Conservation                | Purchase from WWP (TWA)/CLWSC | Purchase from WWP (GBRA) |
| Manufacturing         | 0               | 0     | 0     | 0     | 0      | 0      |                             |                               |                          |
| Mining                | 0               | 0     | 0     | 0     | 0      | 0      |                             |                               |                          |
| Steam-Electric        |                 |       | 0     | 0     | 0      | 319    | Recycled Water              |                               |                          |
| Irrigation            | 0               | 0     | 0     | 0     | 0      | 0      |                             |                               |                          |
| Livestock             | 0               | 0     | 0     | 0     | 0      | 0      |                             |                               |                          |

## Karnes

| WUG            | Needs (Acft/yr) |       |      |      |      |      | Water Management Strategies |                    |       |
|----------------|-----------------|-------|------|------|------|------|-----------------------------|--------------------|-------|
|                | 2020            | 2030  | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2              | WMS 3 |
| El Oso WSC     | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                    |       |
| Falls City     | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                    |       |
| Karnes City    | 306             | 292   | 268  | 255  | 249  | 249  | Conservation                | Drought Management |       |
| Kenedy         | 92              | 119   | 109  | 109  | 151  | 151  | Conservation                | Drought Management |       |
| Runge          | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                    |       |
| Other          | 0               | 0     | 0    | 0    | 0    | 0    | Conservation                |                    |       |
| Manufacturing  | 0               | 0     | 0    | 0    | 0    | 0    |                             |                    |       |
| Mining         | 1,886           | 1,297 | 686  | 80   | 0    | 0    | Conservation                | Recycled Water     |       |
| Steam-Electric | 0               | 0     | 0    | 0    | 0    | 0    |                             |                    |       |
| Irrigation     | 0               | 0     | 0    | 0    | 0    | 0    |                             |                    |       |
| Livestock      | 0               | 0     | 0    | 0    | 0    | 0    |                             |                    |       |

*\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation*

# Kendall

| WUG                    | Needs (Acft/yr) |      |      |       |       |       | Water Management Strategies |                          |                    |
|------------------------|-----------------|------|------|-------|-------|-------|-----------------------------|--------------------------|--------------------|
|                        | 2020            | 2030 | 2040 | 2050  | 2060  | 2070  | WMS 1                       | WMS 2                    | WMS 3              |
| Boerne                 | 0               | 0    | 337  | 1,295 | 2,284 | 3,258 | Conservation                | Purchase from WWP (GBRA) | Local GW (Trinity) |
| Kendall County WCID #1 | 0               | 0    | 0    | 0     | 0     | 0     | Conservation                |                          |                    |
| Other                  | 0               | 0    | 0    | 0     | 0     | 0     | Conservation                |                          |                    |
| Manufacturing          | 0               | 0    | 0    | 0     | 0     | 0     |                             |                          |                    |
| Mining                 | 0               | 0    | 0    | 0     | 0     | 0     |                             |                          |                    |
| Steam-Electric         | 0               | 0    | 0    | 0     | 0     | 0     |                             |                          |                    |
| Irrigation             | 0               | 0    | 0    | 0     | 0     | 0     |                             |                          |                    |
| Livestock              | 0               | 0    | 0    | 0     | 0     | 0     |                             |                          |                    |



## La Salle

| WUG                   | Needs (Acft/yr) |       |       |       |       |       | Water Management Strategies |                    |       |
|-----------------------|-----------------|-------|-------|-------|-------|-------|-----------------------------|--------------------|-------|
|                       | 2020            | 2030  | 2040  | 2050  | 2060  | 2070  | WMS 1                       | WMS 2              | WMS 3 |
| Cotulla               | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| - if request approved | 1,363           | 1,500 | 2,492 | 2,600 | 3,605 | 3,800 | Conservation                | Drought Management | ???   |
| Encinal               | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| Other                 | 0               | 0     | 0     | 0     | 0     | 0     | Conservation                |                    |       |
| Manufacturing         | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |
| Mining                | 4,088           | 4,243 | 3,734 | 2,290 | 851   | 408   | Conservation                | Recycled Water     |       |
| Steam-Electric        | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |
| Irrigation            | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |
| Livestock             | 0               | 0     | 0     | 0     | 0     | 0     |                             |                    |       |

\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation

## Medina

| WUG             | Needs (Acft/yr) |        |        |        |        |        | Water Management Strategies |                   |       |
|-----------------|-----------------|--------|--------|--------|--------|--------|-----------------------------|-------------------|-------|
|                 | 2020            | 2030   | 2040   | 2050   | 2060   | 2070   | WMS 1                       | WMS 2             | WMS 3 |
| Castroville     | 224             | 217    | 210    | 208    | 211    | 214    | Conservation                | Edwards Transfers |       |
| Devine          | 0               | 0      | 0      | 0      | 0      | 0      | Conservation                |                   |       |
| East Medina SUD | 0               | 26     | 92     | 155    | 220    | 279    | Conservation                | Edwards Transfers |       |
| Hondo           | 523             | 680    | 816    | 943    | 1,068  | 1,180  | Conservation                | Edwards Transfers |       |
| LaCoste         | 10              | 20     | 28     | 37     | 47     | 56     | Conservation                | Edwards Transfers |       |
| Natalia         | 101             | 129    | 153    | 176    | 199    | 220    | Conservation                | Edwards Transfers |       |
| Yancey WSC      | 28              | 95     | 157    | 208    | 261    | 309    | Conservation                | Edwards Transfers |       |
| Other           | 0               | 0      | 0      | 0      | 6      | 55     | Conservation                | Edwards Transfers |       |
| Manufacturing   | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |       |
| Mining          | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |       |
| Steam-Electric  | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |       |
| Irrigation      | 31,320          | 28,935 | 26,641 | 24,444 | 22,338 | 20,480 | Conservation                | Unmet             |       |
| Livestock       | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |       |

## Refugio

| WUG            | Needs (Acft/yr) |      |      |      |      |      | Water Management Strategies |       |       |
|----------------|-----------------|------|------|------|------|------|-----------------------------|-------|-------|
|                | 2020            | 2030 | 2040 | 2050 | 2060 | 2070 | WMS 1                       | WMS 2 | WMS 3 |
| Refugio        | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |       |       |
| Woodsboro      | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |       |       |
| Other          | 0               | 0    | 0    | 0    | 0    | 0    | Conservation                |       |       |
| Manufacturing  | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Mining         | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Steam-Electric | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Irrigation     | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |
| Livestock      | 0               | 0    | 0    | 0    | 0    | 0    |                             |       |       |

\* Municipal Needs Subject to Change due to Eagle Ford Shale Workgroup Recommendation

## Uvalde

| WUG            | Needs (Acft/yr) |        |        |        |        |        | Water Management Strategies |                   |                    |                        |
|----------------|-----------------|--------|--------|--------|--------|--------|-----------------------------|-------------------|--------------------|------------------------|
|                | 2020            | 2030   | 2040   | 2050   | 2060   | 2070   | WMS 1                       | WMS 2             | WMS 3              | WMS 4                  |
| Sabinal        | 121             | 153    | 181    | 212    | 245    | 277    | Conservation                | Edwards Transfers |                    |                        |
| Uvalde         | 943             | 1,233  | 1,484  | 1,772  | 2,072  | 2,365  | Conservation                | Edwards Transfers | Drought Management | Carrizo GW/ASR Project |
| Other          | 0               | 0      | 0      | 0      | 0      | 0      | Conservation                |                   |                    |                        |
| Manufacturing  | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |                    |                        |
| Mining         | 885             | 1,001  | 760    | 365    | 0      | 0      | Conservation                | Edwards Transfers |                    |                        |
| Steam-Electric | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |                    |                        |
| Irrigation     | 28,543          | 26,107 | 24,049 | 22,388 | 21,571 | 21,571 | Conservation                | Unmet             |                    |                        |
| Livestock      | 0               | 0      | 0      | 0      | 0      | 0      |                             |                   |                    |                        |

## Victoria

| WUG            | Needs (Acft/yr) |        |        |        |        |        | Water Management Strategies |                          |                      |
|----------------|-----------------|--------|--------|--------|--------|--------|-----------------------------|--------------------------|----------------------|
|                | 2020            | 2030   | 2040   | 2050   | 2060   | 2070   | WMS 1                       | WMS 2                    | WMS 3                |
| Victoria       | 7,275           | 8,131  | 8,794  | 9,464  | 10,095 | 10,636 | Conservation                | Purchase from WWP (GBRA) | Surface Water Rights |
| Other          | 0               | 0      | 0      | 0      | 0      | 0      | Conservation                |                          |                      |
| Manufacturing  | 3,217           | 6,055  | 8,880  | 11,405 | 14,245 | 17,291 | Conservation                | Purchase from WWP (GBRA) |                      |
| Mining         | 0               | 0      | 0      | 0      | 0      | 0      |                             |                          |                      |
| Steam-Electric | 4,506           | 29,778 | 37,178 | 53,599 | 70,696 | 70,696 | Purchase from WWP (GBRA)    |                          |                      |
| Irrigation     | 1,800           | 1,800  | 1,800  | 1,800  | 1,800  | 1,800  | Conservation                | Unmet                    |                      |
| Livestock      | 0               | 0      | 0      | 0      | 0      | 0      |                             |                          |                      |

# Wilson

| WUG                   | Needs (Acft/yr) |      |      |      |       |       | Water Management Strategies |                           |                            |
|-----------------------|-----------------|------|------|------|-------|-------|-----------------------------|---------------------------|----------------------------|
|                       | 2020            | 2030 | 2040 | 2050 | 2060  | 2070  | WMS 1                       | WMS 2                     | WMS 3                      |
| Floresville           | 0               | 8    | 405  | 770  | 1,124 | 1,445 | Conservation                | Local GW (Carrizo-Wilcox) |                            |
| La Vernia             | 0               | 0    | 0    | 0    | 0     | 0     | Conservation                |                           |                            |
| - if request approved | 0               | 0    | 0    | 58   | 170   | 283   | Conservation                | Local GW (Carrizo-Wilcox) | Purchase from WWP (CRWA)   |
| Oak Hills WSC         | 0               | 0    | 0    | 0    | 0     | 0     | Conservation                |                           |                            |
| Poth                  | 0               | 0    | 0    | 0    | 0     | 0     | Conservation                |                           |                            |
| SS WSC                | 0               | 0    | 0    | 0    | 0     | 234   | Conservation                | Local GW (Carrizo-Wilcox) | Brackish Wilcox for SS WSC |
| - if request approved | 0               | 0    | 18   | 985  | 2,268 | 3,551 | Conservation                | Local GW (Carrizo-Wilcox) | Brackish Wilcox for SS WSC |
| Stockdale             | 0               | 0    | 0    | 0    | 0     | 0     | Conservation                |                           |                            |
| Sunko WSC             | 0               | 0    | 0    | 0    | 0     | 117   | Conservation                | Local GW (Carrizo-Wilcox) |                            |
| Other                 | 0               | 0    | 0    | 0    | 0     | 0     | Conservation                |                           |                            |
| Manufacturing         | 0               | 0    | 0    | 0    | 0     | 0     |                             |                           |                            |
| Mining                | 0               | 0    | 0    | 0    | 0     | 0     |                             |                           |                            |
| Steam-Electric        | 0               | 0    | 0    | 0    | 0     | 0     |                             |                           |                            |
| Irrigation            | 0               | 0    | 0    | 0    | 0     | 0     |                             |                           |                            |
| Livestock             | 0               | 0    | 0    | 0    | 0     | 0     |                             |                           |                            |

## Zavala

| WUG                   | Needs (Acft/yr) |        |        |        |        |       | Water Management Strategies |       |       |
|-----------------------|-----------------|--------|--------|--------|--------|-------|-----------------------------|-------|-------|
|                       | 2020            | 2030   | 2040   | 2050   | 2060   | 2070  | WMS 1                       | WMS 2 | WMS 3 |
| Crystal City          | 0               | 0      | 0      | 0      | 0      | 0     | Conservation                |       |       |
| Zavala County WCID #1 | 0               | 0      | 0      | 0      | 0      | 0     | Conservation                |       |       |
| Other                 | 0               | 0      | 0      | 0      | 0      | 0     | Conservation                |       |       |
| Manufacturing         | 0               | 0      | 0      | 0      | 0      | 0     |                             |       |       |
| Mining                | 0               | 0      | 0      | 0      | 0      | 0     |                             |       |       |
| Steam-Electric        | 0               | 0      | 0      | 0      | 0      | 0     |                             |       |       |
| Irrigation            | 18,487          | 16,805 | 14,980 | 13,049 | 11,193 | 9,276 | Conservation                | Unmet |       |
| Livestock             | 0               | 0      | 0      | 0      | 0      | 0     |                             |       |       |

## AGENDA ITEM NO. 5

Presentation from HDR Engineering



## AGENDA ITEM NO. 6

### Regional Planning Process Status and Next Steps