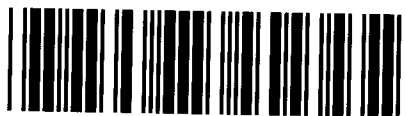




Control Number: 46040



Item Number: 1

Addendum StartPage: 0

46040

Conversion to SUD  
Checklist for Obtaining or Amending a CCN

RECEIVED

2016 JUN -7 AM 9:40

Name of Application Baylor WSC

PUBLIC UTILITY COMMISSION  
FILING CLERK

Administrative Review #A - 141 - 13

Application Number (s) 37750-C, CCN-Other

Date TCEQ Received Application 10/4/13

Date Assigned to program area 10/10/13

County(s) Baylor

Purpose of Application:

- |  |   |
|--|---|
| <input type="checkbox"/> Obtain New Water CCN<br>Temporary CCN# A _____  | <input type="checkbox"/> Obtain New Sewer CCN<br>Temporary CCN# A _____ |
| <input checked="" type="checkbox"/> <u>Conversion to SUD</u><br>Amend Water CCN # <u>11605</u>                   | <input type="checkbox"/> Amend Sewer CCN # _____                        |
| <input checked="" type="checkbox"/> Account Fees due   | <input checked="" type="checkbox"/> Regulatory Assessment Fees due      |
| <input checked="" type="checkbox"/> Attach a copy of CN and RN from WUD  |   |
| <input checked="" type="checkbox"/> Not on file with Central Registry. Core Data Form Needed.                    |   |
| <input checked="" type="checkbox"/> Original and <u>one copy</u> <del>three copies</del> of application received |   |

J:\UDS\Utilities Forms and Checklists Admin Review\CCN.doc

> Staff Notes:

1. Requested Baylor WSC to submit a CCN amendment application, not a SUD conversion application.
2. Appl. must submit to created district first with TCEQ prior to submitting a utility conversion application to convert WSC to a SUD
3. Request Baylor WSC to withdraw this application

[iWUD Main](#)[Districts](#)[PWS](#)[Reports](#)[Documents](#)[Maps](#)

## ? Utility details for BAYLOR WSC (11605)

[Affiliations](#)[Documents](#)[Site Visits](#)[Schedules](#)

### Responsible Party

Organization: BAYLOR WSC

Address: PO BOX 426

SEYMOUR, TX 76380

### Customers

Reference Number

CN600748180

Name

BAYLOR WSC

Role

RESPONSIBLE PARTY

### Official Address / Phone

Address: PO BOX 426

SEYMOUR, TEXAS 76380-0000

Telephone: (940) 888-3800

### Properties

CR Regulated Entity Number: RN101440337

CCEDS Status: NO ACTIVE NOE EXISTS

Utility Type: WATER UTILITY

Ownership Type: WATER SUPPLY CORPORATION

Primary County: BAYLOR

County Code: 12

### PWS for this Utility

PWS Name

[BAYLOR WSC](#)

PWS ID

0120004

Status

A

District(Number)

Water System occurrences retrieved.

### Counties

Code

County Name

Primary

5

ARCHER

N

12

BAYLOR

Y

138

KNOX

N

224

THROCKMORTON

N

252

YOUNG

N

## Activity

Activity Status: **ACTIVE**

Start Date: **03/01/1986**

End Date: **12/31/9999**

Activity Date: **11/02/2000**

[Run Utility Cases Report](#)  
[Run Utility Summary Report](#)  
[Show Map](#)

Utility successfully retrieved.

---

**For questions or comments regarding information on this page, contact the  
[TCEQ iWUD Web Manager](#)**

Version V2.6.0

## Tracy Harbour

---

**From:** Blake Howard <bhoward@jacobmartin.com>  
**Sent:** Friday, March 14, 2014 11:15 AM  
**To:** Ren Berra  
**Cc:** Seyed Miri; Tracy Harbour; Tom Glab; Christine Mester  
**Subject:** Baylor Water Supply Corporation SUD Conversion

Ren or Seyed,

After Baylor receives CCN amendment approval what is a ballpark estimate on the technical review process and when public notice can be given for the SUD conversion application? I am attending Baylor WSC's annual members meeting Monday and would like to update them on a timeline for the SUD conversion. I am currently also corresponding with Christine Mester on an estimated timeline for the CCN amendment process. Thanks for your help!

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
3465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

---

**From:** Ren Berra [<mailto:ren.berra@tceq.texas.gov>]  
**Sent:** Tuesday, February 25, 2014 3:06 PM  
**To:** JoAnne Duncan  
**Cc:** Seyed Miri; Blake Howard; Tracy Harbour  
**Subject:** RE: Baylor Water Supply Corporation 21722

Ms. Duncan,

I hope the following will set the record straight as to what has been submitted, when, what is being reviewed, and the approximate time for WSC conversion approval:

- 1) There are actually two applications in-house – WSC to SUD conversion application and a CCN service area expansion application.
- 2) The conversion application was received December 19, 2013, however it lacked required documentation. Approximately 30 days later the balance of material was received. A DAC (Declaration of Administrative Complete) letter was mistakenly sent to applicant. I say mistakenly, because at that point in time, applicant had also filed a CCN amendment application with another team of the Water Supply Division. Therefore, as to the conversion application – it's technical review is at full stop pending CCN approval from our Utilities Financial Review Team.

Under normal circumstances, a WSC to SUD conversion application processing timeframe is 180 days (which includes a publication of public notice and a 30 day wait for public hearing request opportunity). As you can see, the WSC cannot publish conversion notice until after resolution of CCN issue.

So, as to completion status – unknown.

I hope this at least clarifies any/all misunderstandings related to pending applications from Baylor WSC.

If you have any additional questions, now or future, please contact me.

Sincerely,  
Ren Berra  
Districts Creation Review Team



## Tracy Harbour

---

**From:** Blake Howard <bhoward@jacobmartin.com>  
**Sent:** Friday, March 14, 2014 11:15 AM  
**To:** Ren Berra  
**Cc:** Seyed Miri; Tracy Harbour; Tom Glab; Christine Mester  
**Subject:** Baylor Water Supply Corporation SUD Conversion

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Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
3465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

---

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**Sent:** Tuesday, February 25, 2014 3:06 PM  
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**Cc:** Seyed Miri; Blake Howard; Tracy Harbour  
**Subject:** RE: Baylor Water Supply Corporation 21722

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So, as to completion status – unknown.

I hope this at least clarifies any/all misunderstandings related to pending applications from Baylor WSC.

If you have any additional questions, now or future, please contact me.

Sincerely,  
Ren Berra  
Districts Creation Review Team



## Tracy Harbour

---

**From:** Tammy Benter  
**Sent:** Tuesday, December 03, 2013 4:30 PM  
**To:** Blake Howard  
**Cc:** Lisa Fuentes; Tracy Harbour; Justin Taack; Seyed Miri; Tom Glab  
**Subject:** RE: Baylor WSC-SUD Conversion Application

Mr. Howard,

Mr. Justin Taack will be a good source of information for you. He can be reached by email at [Justin.Taack@tceq.texas.gov](mailto:Justin.Taack@tceq.texas.gov) or by phone at 512/239-1122.

Thanks,  
Tammy Benter

---

**From:** Blake Howard [<mailto:bhoward@jacobmartin.com>]  
**Sent:** Tuesday, December 03, 2013 11:14 AM  
**To:** Tammy Benter  
**Cc:** Lisa Fuentes; Ren Berra; Tracy Harbour; Justin Taack; Seyed Miri; Tom Glab  
**Subject:** RE: Baylor WSC-SUD Conversion Application

Tammy,

I have questions about the expedited review form for creation of a SUD in relation to Baylor WSC. Who would be my best contact for questions in regards to that document? Thanks!

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
465 Curry Ln.  
Arlington, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

---

**From:** Tammy Benter [<mailto:tammy.benter@tceq.texas.gov>]  
**Sent:** Thursday, November 14, 2013 8:51 PM  
**To:** Blake Howard  
**Cc:** Lisa Fuentes; Ren Berra; Tracy Harbour; Justin Taack; Seyed Miri; Tom Glab  
**Subject:** Re: Baylor WSC-SUD Conversion Application

Blake,

Because the service area is changing, we will need complete revised applications.

If you have additional questions, please contact me by phone or by email.

Thanks,

Tammy Benter

Sent from my iPhone

On Nov 13, 2013, at 12:07 PM, "Blake Howard" <[bhoward@jacobmartin.com](mailto:bhoward@jacobmartin.com)> wrote:

Tammy,

Just spoke with Baylor WSC's general manager and he has some additional areas that he would like to add to his CCN compared to what I sent in with the original SUD conversion application. So, after asking if you could still use my original SUD conversion packet it looks like the proposed boundary area will be changing again. Please advise under these conditions if I will be required to resubmit all of the SUD application/conversion information or just the revised boundary maps? I apologize for the moving target.

Thanks,  
Blake

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

---

**From:** Blake Howard  
**Sent:** Wednesday, November 13, 2013 9:29 AM  
**To:** Tammy Benter  
**Cc:** Lisa Fuentes; Ren Berra; [tracy.harbour@tceq.texas.gov](mailto:tracy.harbour@tceq.texas.gov)  
**Subject:** RE: Baylor WSC-SUD Conversion Application

Tracy,

After reviewing the checklist which you provided me for the SUD creation application it looks like the information which I originally sent contained all of the information on the checklist except for the Statement from Clerk of City or County where SUD will be created. I have sent Ren Berra an email asking if this item would be necessary. Originally, Sandy said that I would not need to provide that documentation. Would it be possible for the two SUD conversion packets which I have already submitted to be passed to Ren and the Creations Review team to be used as my SUD creation application? Those packets contain all of the information which I would be re-submitting for the SUD creation application. This would save the WSC money by preventing us from spending the time to re-prepare all of the documentation again. This would be greatly appreciated.

Thanks,  
Blake

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

---

**From:** Tracy Harbour [<mailto:tracy.harbour@tceq.texas.gov>]  
**Sent:** Monday, October 28, 2013 5:49 PM  
**To:** Blake Howard  
**Cc:** Tammy Benter; Lisa Fuentes; Ren Berra  
**Subject:** RE: Baylor WSC-SUD Conversion Application

Mr. Howard,

Thank you for your patience while I gathered the information you need to submit a CCN Amendment application and a District Conversion Application. As I mentioned, Ms. Tammy Benter, the Utilities and District's Section Manager, will contact you at her earliest convenience to answer your remaining questions

about these applications. If you have follow-up questions after speaking with Ms. Benter, I have provided you staff names and numbers for each program area.

### **District Information:**

To create a SUD, please review the following rules and guidance prior to submitting a District Application:

Links to District Requirements for Creating a SUD [§§293 Subchapters A & H]:

- <http://www.tceq.texas.gov/assets/public/legal/rules/rules/pdflib/293a.pdf>
- <http://www.tceq.texas.gov/assets/public/legal/rules/rules/pdflib/293h.pdf>

TCEQ Expedited Review for Non-Developer Projects (District links for Creation and Expedited Review):  
<http://www.tceq.texas.gov/assets/public/permitting/forms/20165.pdf>

**Regulatory Guidance Document (RG-178)** – Step-by-step instructions for water districts on how to prepare a bond application for submission to TCEQ

Please contact Mr. Ren Berra at (512) 239-4775 on the Districts Creation Review Team with any follow-up district questions you may have.

### **Utility Information:**

Applications and Instructions for a CCN Amendment Application:

<http://www.tceq.texas.gov/assets/public/permitting/watersupply/ud/forms/10362.pdf>  
<http://www.tceq.texas.gov/assets/public/permitting/watersupply/ud/forms/10362ins.pdf>

Please contact Ms. Lisa Fuentes, the Team Leader for the Utilities Financial Review Team you're your CCN related questions.

Sincerely,

Tracy

image001.png>

**Tracy M. Harbour**

**GIS Specialist- CCN and District Mapping**

Texas Commission on Environmental Quality

Utilities and Districts Section/ Water Supply Division

Mail: Mail Code 153, P.O. Box 13087, Austin, TX 78711-3087

Phone: (512) 239-6952, Fax: (512) 239-6972

Email: [Tracy.Harbour@tceq.texas.gov](mailto:Tracy.Harbour@tceq.texas.gov)

*Water is a precious resource – all Texans are encouraged to conserve, especially during times of drought.*

**From:** Blake Howard [<mailto:bhoward@jacobmartin.com>]

**Sent:** Monday, October 28, 2013 3:11 PM

**To:** Tracy Harbour

**Subject:** RE: Baylor WSC-SUD Conversion Application

Thanks!

Blake Howard, E.I.T.

Jacob & Martin, Ltd.

165 Curry Ln.

Wilene, Tx 79606

Office: 325-695-1070

Fax: 325-793-7664

**From:** Tracy Harbour [mailto:tracy.harbour@tceq.texas.gov]

**Sent:** Monday, October 28, 2013 3:08 PM

**To:** Blake Howard

**Subject:** RE: Baylor WSC-SUD Conversion Application

No problem. I will give you a call shortly. I've been gathering the required documents you will need to submit both a CCN Amendment Application and District Creation Application.

~Tracy

<image001.png> **Tracy M. Harbour**  
**GIS Specialist- CCN and District Mapping**  
Texas Commission on Environmental Quality  
Utilities and Districts Section/ Water Supply Division  
Mail: Mail Code 153, P.O. Box 13087, Austin, TX 78711-3087  
Phone: (512) 239-6952, Fax: (512) 239-6972  
Email: [Tracy.Harbour@tceq.texas.gov](mailto:Tracy.Harbour@tceq.texas.gov)

*Water is a precious resource – all Texans are encouraged to conserve, especially during times of drought.*

**From:** Blake Howard [mailto:bhoward@jacobmartin.com]

**Sent:** Monday, October 28, 2013 1:34 PM

**To:** Tracy Harbour

**Subject:** Baylor WSC-SUD Conversion Application

Tracy,

I received your voicemail Friday and would appreciate it if you could give me a call as soon as you have a few minutes to discuss.

Thanks,  
Blake

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
3465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

**From:** Blake Howard

**Sent:** Friday, October 25, 2013 3:26 PM

**To:** 'tracy.harbour@tceq.texas.gov'

**Cc:** Tammy Benter; Justin Taack ([justin.taack@tceq.texas.gov](mailto:justin.taack@tceq.texas.gov))

**Subject:** Baylor WSC-SUD Conversion Application

Good Afternoon Tracy,

I wanted to check in and see what had been decided on the procedure for Baylor WSC converting to a SUD? I will hold the \$700 application check until I get final word from you on if it will be needed or not. When can we expect a letter outlining that TCEQ has received the application? Also, I wanted to let you all know that currently Baylor WSC is in a water purchase agreement which limits the amount of water which it can purchase due to the fact they are a Water Supply Corporation. Once the WSC has converted to a SUD they will be able to greatly increase the amount of water which they can purchase from their wholesaler. Due to current drought conditions, it is very important to the WSC that they have the option to fully take advantage of this supplemental source once their legal status is converted to a SUD. We appreciate your time and look forward to working with you all through this process.

Thanks,

Blake

Blake Howard, E.I.T.  
Jacob & Martin, Ltd.  
3465 Curry Ln.  
Abilene, Tx 79606  
Office: 325-695-1070  
Fax: 325-793-7664

 **JACOB & MARTIN, LTD.**  
CONSULTING ENGINEERS  
FM# F-2448

3465 Curry Lane  
Abilene, Texas 79606  
325-695-1070

1508 Santa Fe Dr., Suite 204  
Weatherford, Texas 76087  
817-594-9880

September 27, 2013

Tammy Benter, Section Manager  
Utilities & Districts Section, MC 153  
Water Supply Division  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711-3087


Baylor Water Supply Corporation-Special Utility District Conversion Application

Ms. Benter,

On behalf of the Baylor Water Supply Corporation, please find the enclosed SUD conversion application documents. As you will see a resolution requesting the SUD conversion from the WSC's board of directors has not been included. A resolution was previously approved but since that time the WSC has requested that certain areas of the CCN be expanded. The WSC's board of directors has a scheduled meeting on October 21, 2013 and will approve a revised resolution requesting conversion. A disc with a shapefile of the proposed CCN boundary has been included. Please feel free to call should you have any questions or need any additional information.

Sincerely,

JACOB & MARTIN, LTD.

  
Blake Howard, E.I.T.

Enclosure

2013 OCT 4 PM 2 56  
WATER SUPPLY DIV.  
RECEIVED

Bryan W. Shaw, Ph.D., *Chairman*  
Toby Baker, *Commissioner*  
Zak Covar, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
*Protecting Texas by Reducing and Preventing Pollution*

October 11, 2013

Mr. Blake Howard, E.I.T.  
Jacob & Martin, LTD  
3465 Curry Lane  
Abilene, Texas 79606

Re: Baylor Water Supply Corporation-Special Utility District Conversion  
Application

Dear Mr. Howard:

Further to your letter dated September 27, 2013 regarding the captioned, we are returning your check number 45744 in the amount of \$700 as it is not needed for this application.

Please feel free to contact Tracy Harbour by phone at 512-239-6952 or [tracy.harbour@tceq.texas.gov](mailto:tracy.harbour@tceq.texas.gov) if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Duncan".

Stacey Duncan  
Utilities & Districts Section  
Water Supply Division  
Texas Commission on Environmental Quality

SD

**Stacey Duncan**

---

**From:** Lisa Fuentes  
**Sent:** Friday, October 11, 2013 3:03 PM  
**To:** Stacey Duncan  
**Subject:** RE: Baylor WSC SUD Conversion application

Please send it back to them.  
Thanks for your help,

Lisa

---

**From:** Stacey Duncan  
**Sent:** Friday, October 11, 2013 1:18 PM  
**To:** Lisa Fuentes  
**Cc:** Tracy Harbour  
**Subject:** Baylor WSC SUD Conversion application

Hi Lisa,

We received a check along with the application in the amount of 700. Please confirm if we need to send it back to them or we need to deposit it.

Thank you,

**Stacey Duncan**  
Texas Commission on Environmental Quality  
Business Support Section  
Water Supply Division, Bldg. F3-31044,  
Mail Code 157, Phone: (512) 239-2064  
Email: [Stacey.Duncan@tceq.texas.gov](mailto:Stacey.Duncan@tceq.texas.gov)

# Engineering Report


## SPECIAL UTILITY DISTRICT CONVERSION APPLICATION

September 2013

Prepared for:

BAYLOR WSC

Prepared by:

 **JACOB & MARTIN, LTD.**  
CONSULTING ENGINEERS  
Firm # F-2448



10/3/13

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## **APPENDIX**

**Appendix A – Vicinity Map**

**Appendix B – Existing CCN Service Area Map**

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**Appendix D – Proposed CCN Boundary Description**

**Appendix E – Audit Report**

**Appendix F – Existing CCN Documentation**

**Appendix G – Conversion Resolution Documents**

## **1.0 GENERAL**

### **1.1 Applicant Information**

Baylor Water Supply Corporation  
Contact: Tommy Holub– General Manager  
P.O. Box 426  
Seymour, Texas 76380  
Phone Number: (940) 888-3800  
Fax Number: (940) 889-4048  
Email: baylorwater@srcaccess.net

### **1.2 Project Engineer Information**

Jacob & Martin, Ltd.  
Contact: Ken Martin, P.E. – Engineer  
3465 Curry Lane  
Abilene, Texas 79606  
Phone Number: 325-695-1070  
Fax Number: 325-690-6417  
Email: kbm@jacobmartin.com

### **1.3 Conversion Application Description**

The Baylor Water Supply Corporation (WSC) serves approximately 973 total connections throughout Baylor, Archer, Knox, Throckmorton and Young Counties. The WSC purchases its treated water through a partnership with the City of Seymour. Baylor WSC owns well fields located on the north side of the City of Seymour in the Seymour Aquifer. The groundwater from these wells and from Seymour's wells is treated at the Seymour reverse osmosis water treatment plant. After being treated, the water is delivered from the treatment plant to the WSC's distribution system by Baylor high service pumps.

The above mentioned well fields are the sole source of water for the WSC. Due to drought and increased agricultural use, wells in these fields have lost significant production capacity. A supplemental water source for the Baylor WSC is needed to avoid future water shortages.

In order to secure a supplemental water source, Baylor WSC is proposing to purchase treated water from the North Central Texas Municipal Water Authority (NCTMWA). The WSC is proposing to install a water line, pump station, and other incidentals to connect the Baylor WSC distribution system to the NCTMWA water treatment plant located on the northwest side of Millers Creek Reservoir. The supplemental water provided through the proposed connection would help ensure an adequate water supply for Baylor WSC customers and alleviate demand on the well fields currently in use.

The proposed project will consist of the installation of approximately 40,000 linear feet (LF) of 10" PVC water line, an in-line pump station, and the necessary connection at the NCTMWA water treatment plant. Texas Water Development Board (TWDB) loan proceeds in conjunction with a Texas Department of Agriculture (TDA) Disaster Relief Fund grant and local funds will be used to fund the proposed project. The project is currently in the design phase and will be bid out for construction by the end of 2013. The system improvements will be completed prior to the Corporation converting to a Special Utility District.

The North Central Texas Municipal Water Authority treats surface water from Miller Creek Reservoir Lake and provides wholesale treated water to area water systems. Due to current tax laws, the NCTMWA cannot contract with a Water Supply Corporation for the amount of water that the Baylor WSC desires. The Authority has a cap on the amount of water which it can legally sell to a nonpolitical subdivision, such as a water supply corporation. In order to increase the amount of water which Baylor WSC can purchase from the NCTMWA, the WSC has elected to convert to a Special Utility District.

The proposed SUD boundary would generally follow the Corporation's existing CCN boundary excluding three areas of expansion. A vicinity map of the service area is included as Appendix A. The existing CCN Boundary Map is included as Appendix B and the proposed SUD Boundary as Appendix C. The description of the proposed boundary is provided in Appendix D.

## **2.0 EXISTING WATER SYSTEM**

### **2.1 Service Area Description**

The majority of Baylor WSC's service area is located in Baylor County. Baylor County is bounded on the north by Wilbarger County, on the south by Throckmorton County, on the east by Archer County, and on the west by Knox and Foard counties. The county is level to hilly with an average elevation of 1,250 feet. The average rainfall is approximately 26 inches with grasses, mesquites, and junipers making up the majority of the ground cover. The County is drained by the Salt Fork of the Brazos and the Big Wichita Rivers.

### **2.2 Existing Treatment Facilities**

The City of Seymour owns and operates a reverse osmosis water treatment plant, and Baylor WSC contracts for up to 25% of the 3.0 million gallons per day (MGD) plant capacity. According to TCEQ records, the reverse osmosis plant has a daily production capacity of 4.680 MGD; however, the original plant design capacity was only 3.0 MGD. Due to the nature of the reverse osmosis treatment process, approximately 12% of the total volume of treated water at the City of Seymour treatment plant is discharged as RO reject water.

### **2.3 Existing Water Sources**

Both the City of Seymour and the Baylor WSC have their own well fields located in close proximity to each other on the north side of the City of Seymour in the Seymour Aquifer. The groundwater from both well fields is treated at the reverse osmosis water treatment plant before entering either the Baylor WSC or the City of Seymour's distribution systems. The WSC currently operates 12 wells including a temporary emergency use well. As of May 2013, these twelve wells were producing approximately 670 (GPM) or 29% of their historical maximum capacity. According to the WSC's records, from August 2012 to May 2013 the WSC's 11 permanent use wells declined in production capacity by 27% or approximately 160 GPM, producing a combined 440 GPM. The WSC has just recently obtained approval from TCEQ for temporary emergency use of an additional existing irrigation well.

### **2.4 Existing Distribution System**

#### ***A. Distribution Layout***

The Baylor Water Supply Corporation serves approximately 973 total connections throughout Baylor, Archer, Knox, Throckmorton and Young Counties. The WSC's distribution system has approximately 394 miles of water line. The water line sizes range from 1" to 8" in diameter.

### ***B. Storage Facilities***

The WSC's treated water storage facilities include the Bomarton 65,000 gallon standpipe; the Olney 56,000 gallon standpipe, and a 100,000 gallon elevated storage tank.

### ***C. Pumping Stations***

The distribution system is currently separated into five pressure planes. The first pressure plane is served directly off of the Reverse Osmosis plant master meter and provides water to the elevated storage tank. The elevated storage tank provides direct pressure to customers throughout the distribution system as well as filling the Olney Standpipe and the Bomarton Standpipe. The Olney pump station and standpipe serve the easternmost portion of the WSC's service area. The Bomarton pump station backfeeds to the east serving the westernmost portions of the Corporation's service area.

### 3.0 POPULATION DATA

Population projections are shown for the Baylor WSC. Historical data was obtained from Baylor WSC records for the years of 2005 and 2010. The WSC's historical population was calculated using 2.5 persons per connection. Population projections for 2020 through 2060 were determined based on the county population projection growth rates found in the 2011 TWDB Regional Water Plan for Archer, Baylor, Knox, Throckmorton, and Young Counties. The historical and projected populations are presented in **Table 3.1**.

**Table 3.1 Population Projections**

YEAR	BAYLOR WSC
2005	2,058 <sup>(1)</sup>
2010	2,228 <sup>(1)</sup>
2020	2,371 <sup>(2)</sup>
2030	2,363 <sup>(2)</sup>
2040	2,281 <sup>(2)</sup>
2050	2,206 <sup>(2)</sup>
2060	2,115 <sup>(2)</sup>

(1) Based on historical data obtained from WSC records.

(2) Based on county population growth rates found in 2011 TWDB Regional Water Plan

#### 4.0 FINANCIAL DATA

The Corporation's current water rates are as shown below:

Monthly Minimum Fee:	\$22.11
Per 1,000 Gallons-Meters located inside Groundwater Conservation District	\$4.00
Per 1,000 Gallons-Meters located outside Groundwater Conservation District	\$4.30

The Corporation has revised water rates which will take effect November 2013. The revised water rates are as shown below:

Monthly Minimum Fee:	\$25.13
Per 1,000 Gallons-Meters located inside Groundwater Conservation District	\$5.00
Per 1,000 Gallons-Meters located outside Groundwater Conservation District	\$5.30

The Corporation currently charges \$1,400 for new connections and is requesting to maintain the same fee as a SUD. \$1,000 of the fee is categorized as "Capital Improvement" and covers the cost of installing the meter. This fee can change based on the cost incurred by the WSC for each individual installation. However, the WSC does not charge the customer more than three times the cost of the installation. A meter connection fee and membership fee total \$400 of the \$1400 new connection cost.

## **5.0 ALTERNATIVES AND OTHER CONSIDERATIONS**

The proposed supplemental water supply project, purchasing treated water from NCTMWA, is the only water supply alternative considered to be feasible. In addition, this project was recommended by the TWDB 2011 Region B Water Plan.

Due to current tax laws, the NCTMWA cannot contract with a Water Supply Corporation for the amount of water that the Baylor WSC desires. The Authority has a cap on the amount of water which it can legally sell to a nonpolitical subdivision, such as a water supply corporation. In order to increase the amount of water which Baylor WSC can purchase from the NCTMWA, the WSC has elected to convert to a Special Utility District.

## APPENDIX A



## BAYLOR WATER SUPPLY CORPORATION

**EXHIBIT A**

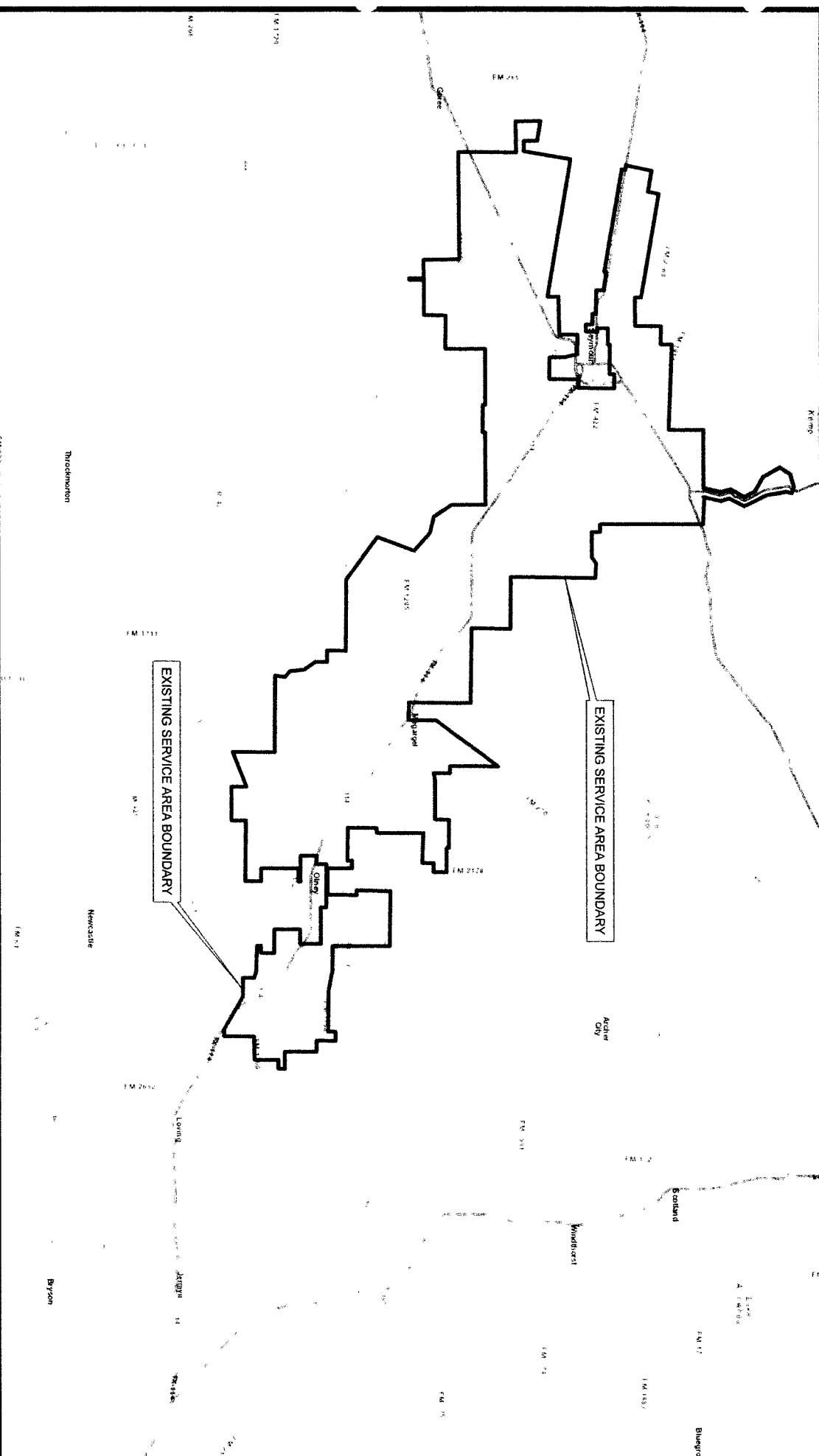
### VICINITY MAP

**SEPTEMBER 2013**



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## APPENDIX B

