TCEQ Interoffice Memorandum

TO: Office of the Chief Clerk
Texas Commission on Environmental Quality

THRU: Chris Kozlowski, Team Leader
Water Rights Permitting Team

FROM: Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team

DATE: June 3, 2022

SUBJECT: City of Cameron
ADJ 3761
CN600344162, RN105805550
Application No. 12-3761A to Amend Certificate of Adjudication No. 12-3761
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Little River, Brazos River Basin
Milam County

The application and fees were received on March 24, 2022. Additional information was received on May 18, 2022. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on June 3, 2022. Published and mailed notice to water right holders of record in the Brazos River Basin is required pursuant to Title 30 Texas Administrative Code §§ 295.158(b)(7) and 295.158(c)(3)(C).

All fees have been paid and the application is sufficient for filing.

Lillian E. Beerman, Ph.D.

_____

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

OCC Mailed Notice Required √ YES □NO

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

June 3, 2022

Mr. Philip Taucer, P.E. **VIA E-MAIL**
Freese and Nichols, Inc.
10497 Town and Country Way, Suite 500
Houston, TX 77024

RE: City of Cameron
ADJ 3761
CN600344162, RN105805550
Application No. 12-3761A to Amend Certificate of Adjudication No. 12-3761
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Little River, Brazos River Basin
Milam County

Dear Mr. Taucer:

This acknowledges receipt, on May 18, 2022, of additional information.

The application was declared administratively complete and filed with the Office of the Chief Clerk on June 3, 2022. Staff will continue processing the application for consideration by the Executive Director.

Please be advised that additional information may be requested during the technical review phase of the application process.

If you have any questions concerning this matter, please contact me via email at lillian.beerman@tceq.texas.gov or by telephone at (512) 239-4019.

Sincerely,

Lillian E. Beerman, Ph.D.

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Re: City_of_Cameron_12-3761A_Request_for_Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Wed 5/18/2022 12:22 PM
To: Philip Taucer [redacted]

Philip,
THE LINK WORKED! 3RD TRY.
THANK YOU,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

From: Philip Taucer <[redacted]
Sent: Wednesday, May 18, 2022 12:04 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: RE: City_of_Cameron_12-3761A_Request_for_Information

Lilly,

The file should be accessible through the FTP link below. Thanks.

-Philip

Link: https://files2.freese.com/message/6Ex4AMYTQiLulXhZBbaExO

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Wednesday, May 18, 2022 11:59 AM
To: Philip Taucer <[redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: Re: City_of_Cameron_12-3761A_Request_for_Information

Philip, could you send your attachment(s) again. I cannot download or preview your attachment.
thank you, Lilly

From: Philip Taucer [redacted]
Sent: Wednesday, May 18, 2022 11:32 AM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Brandon White <[redacted] Amanda Englert <[redacted] Eric Engelskirchen [redacted]
Subject: RE: City_of_Cameron_12-3761A_Request_for_Information

Dr. Beerman.

Attached please find a response letter and supporting documentation for the items indicated in TCEQ's Request for Information related to the City of Cameron's application to amend its water right under Certificate of Adjudication 12-3761. Please contact me at 713-600-6835 or philip.taucer@freese.com with any questions or additional data needs that you may have. Thanks.

-Philip

Philip Taucer, PE | Associate | Water Resources Planning | Freese and Nichols, Inc. | 713-600-6835
[redacted]

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Tuesday, April 19, 2022 10:49 AM
To: Philip Taucer [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: City_of_Cameron_12-3761A_Request_for_Information

Mr. Philip Taucer,
Attached is a Request for Information from TCEQ's Water Rights Permitting Section. Please respond by COB Thursday, May 19, 2022.
If you have any questions or concerns, do not hesitate to contact me.

Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

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10497 Town and Country Way, Suite 500 + Houston, Texas 77024 + 713-600-6800 + FAX 817-735-7491 www.freese.com

May 18, 2022

Texas Commission on Environmental Quality **VIA E-MAIL**
Water Availability Division, MC-160
Attn: Lillian E. Beerman, Ph.D.
12100 Park 35 Circle
Austin, Texas 78753

Re: City of Cameron
April 19, 2022 Request for Information
Application No. 12-3761A to Amend Certificate of Adjudication No. 12-3761

Dr. Beerman:

On behalf of the City of Cameron, we are submitting the enclosed reservoir notification letters provided to Milam County officials, along with delivery documentation, in response to the Texas Commission on Environmental Quality's (TCEQ) request for information. The City of Cameron has also recently submitted its 2021 Water Use Survey to the Texas Water Development Board (TWDB). We appreciate TCEQ's guidance on these items. Please contact me at 713-600-6835 or philip.taucer@freese.com with any questions or additional data needs that you may have.

Sincerely,

Philip Taucer

cc: Brandon White, City of Cameron
Amanda Englert, Freese and Nichols
Eric Engelskirchen, Freese and Nichols

CITY OF CAMERON

100 S. Houston Avenue , P. O. Box 833 254-697-6646
Cameron, Texas 76520 254-697-3040 Fax

May 03, 2022

Henry "Hub" Hubnik
County Commissioner
Milam County Precinct 1
P.O. Box 25
Buckholts, TX 76518

Re: City of Cameron Water Right Amendment: On-Channel Impoundment

Commissioner Hubnik:

This letter is to inform you that the City of Cameron is applying to the Texas Commission on Environmental Quality (TCEQ) for an amendment to the City's water right, including authorization for a small on-channel impoundment to facilitate pumping by a proposed future surface water intake. As the applicant, the City of Cameron is required by Title 30 Texas Administrative Code (TAC) §295.42 to notify the governing body of any county or municipality where a proposed storage reservoir will be located.

The impoundment has not yet been constructed or undergone detailed design, and an exact structure location within the proposed stream reach (see Attachment 1) has not been established. The proposed on-channel structure is a small dam of less than six feet in height and is anticipated to impound 10 acre-feet or less, similar to the existing storage authorized under the City's water right. The proposed impoundment will be entirely within the existing channel of the Little River and will not significantly increase the surface area of the stream.

The proposed impoundment is a key component of the City of Cameron's efforts to maintain long-term access to the important surface water supply from the Little River serving the City and its customers. Please feel free to contact me at *bwhite@camerontexas.net* with any questions or concerns that you might have regarding the proposed project.

Sincerely,

Brandon White
City of Cameron Utility Director

Attachments:

- *Attachment 1: Stream Reach Overview*

CITY OF CAMERON

100 S. Houston Avenue , P. O. Box 833 254-697-6646
Cameron, Texas 76520 254-697-3040 Fax

May 03, 2022

Donald Shuffield
County Commissioner
Milam County Precinct 2
3106 N. Travis
Cameron, TX 76520

Re: City of Cameron Water Right Amendment: On-Channel Impoundment

Commissioner Shuffield:

This letter is to inform you that the City of Cameron is applying to the Texas Commission on Environmental Quality (TCEQ) for an amendment to the City's water right, including authorization for a small on-channel impoundment to facilitate pumping by a proposed future surface water intake. As the applicant, the City of Cameron is required by Title 30 Texas Administrative Code (TAC) §295.42 to notify the governing body of any county or municipality where a proposed storage reservoir will be located.

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Sincerely,

Brandon White
City of Cameron Utility Director

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- *Attachment 1: Stream Reach Overview*

CITY OF CAMERON

100 S. Houston Avenue , P. O. Box 833 254-697-6646
Cameron, Texas 76520 254-697-3040 Fax

May 03, 2022

Jeff Muegge
County Commissioner
Milam County Precinct 4
P.O. Box 395
Thorndale, TX 76577

Re: City of Cameron Water Right Amendment: On-Channel Impoundment

Commissioner Muegge:

This letter is to inform you that the City of Cameron is applying to the Texas Commission on Environmental Quality (TCEQ) for an amendment to the City's water right, including authorization for a small on-channel impoundment to facilitate pumping by a proposed future surface water intake. As the applicant, the City of Cameron is required by Title 30 Texas Administrative Code (TAC) §295.42 to notify the governing body of any county or municipality where a proposed storage reservoir will be located.

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Sincerely,

Brandon White
City of Cameron Utility Director

Attachments:

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CITY OF CAMERON

100 S. Houston Avenue , P. O. Box 833
Cameron, Texas 76520

254-697-6646
254-697-3040 Fax

May 03, 2022

Art Neal
County Commissioner
Milam County Precinct 3
107 N. FM 487
Rockdale, TX 76567

Re: City of Cameron Water Right Amendment: On-Channel Impoundment

Commissioner Neal:

This letter is to inform you that the City of Cameron is applying to the Texas Commission on Environmental Quality (TCEQ) for an amendment to the City's water right, including authorization for a small on-channel impoundment to facilitate pumping by a proposed future surface water intake. As the applicant, the City of Cameron is required by Title 30 Texas Administrative Code (TAC) §295.42 to notify the governing body of any county or municipality where a proposed storage reservoir will be located.

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Sincerely,

Brandon White
City of Cameron Utility Director

Attachments:

- *Attachment 1: Stream Reach Overview*

CITY OF CAMERON

100 S. Houston Avenue , P. O. Box 833
Cameron, Texas 76520

254-697-6646
254-697-3040 Fax

May 03, 2022

Hon. Steve Young
County Judge
Milam County
102 S Fannin Ave
Cameron, TX 76520

Re: City of Cameron Water Right Amendment: On-Channel Impoundment

Judge Young:

This letter is to inform you that the City of Cameron is applying to the Texas Commission on Environmental Quality (TCEQ) for an amendment to the City's water right, including authorization for a small on-channel impoundment to facilitate pumping by a proposed future surface water intake. As the applicant, the City of Cameron is required by Title 30 Texas Administrative Code (TAC) §295.42 to notify the governing body of any county or municipality where a proposed storage reservoir will be located.

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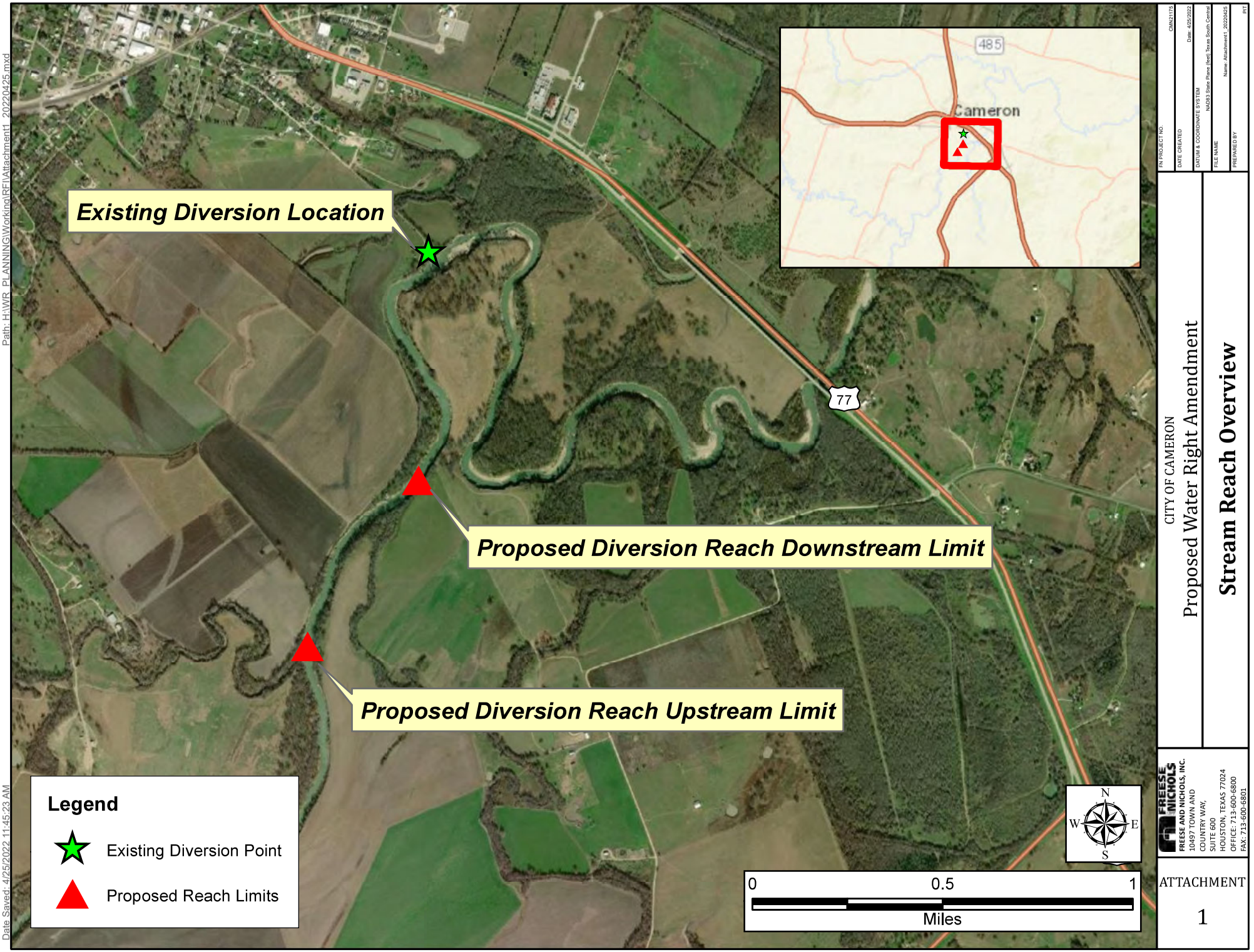
Sincerely,

Brandon White
City of Cameron Utility Director

Attachments:

- *Attachment 1: Stream Reach Overview*



Path: H:\WR_PLANNING\Working\RFI\Attachment1_20220425.mxd

Date Saved: 4/25/2022 11:45:23 AM

FN PROJECT NO: CMN21175
DATE CREATED: Date: 4/25/2022
DATUM & COORDINATE SYSTEM: NAD83 State Plane (feet) Texas South Central
FILE NAME: Name: Attachment1_20220425
PREPARED BY: PIT

CITY OF CAMERON

Proposed Water Right Amendment

Stream Reach Overview

FREESE AND NICHOLS, INC.
10497 TOWN AND COUNTRY WAY,
SUITE 600
HOUSTON, TEXAS 77024
OFFICE: 713-600-6800
FAX: 713-600-6801

ATTACHMENT

1

7019 2970 0000 6595 8439

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Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

CAMERON, TX 76520 — Postmark Here — MAY - 5 2022 — U.S. POSTAL SERVICE

Sent To: Donald Shuffield Milam Co Precinct 2
Street and Apt. No., or PO Box No.: 3106 W Travis
City, State, ZIP+4®: Cameron TX 76520

PS Form 3800, April 2015 PSN 7530-02-000-9047 — See Reverse for Instructions

7019 2970 0000 6595 8408

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- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
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Postage
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Total Postage and Fees
$

CAMERON, TX 76520 — Postmark Here — MAY - 5 2022 — U.S. POSTAL SERVICE

Sent To: ART Neal / Milam Co. Precinct 3
Street and Apt. No., or PO Box No.: 107 N FM 487
City, State, ZIP+4®: Rockdale, Tx 76567

PS Form 3800, April 2015 PSN 7530-02-000-9047 — See Reverse for Instructions

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- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $ MAY - 5 2022
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

CAMERON, TX 76520 — Postmark Here — U.S. POSTAL SERVICE

Sent To: Henry Hubnik, Commissioner Precinct 1
Street and Apt. No., or PO Box No.: P.O. Box 25
City, State, ZIP+4®: Buckholts, Tx 76518

PS Form 3800, April 2015 PSN 7530-02-000-9047 — See Reverse for Instructions

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Extra Services & Fees *(check box, add fee as appropriate)*
- ☐ Return Receipt (hardcopy) $
- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $ MAY - 5 2022
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

CAMERON, TX 76520 — Postmark Here — U.S. POSTAL SERVICE

Sent To: Hon. Steve Young, County Judge
Street and Apt. No., or PO Box No.: 102 S Fannin
City, State, ZIP+4®: Cameron Tx 76520

PS Form 3800, April 2015 PSN 7530-02-000-9047 — See Reverse for Instructions

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- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $ MAY - 5 2022
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

CAMERON, TX 76520 — Postmark Here — U.S. POSTAL SERVICE

Sent To: Jeff Muegge Milam Co Precinct #4
Street and Apt. No., or PO Box No.: P. O. BOX 395
City, State, ZIP+4®: Thorndale Tx 76577

PS Form 3800, April 2015 PSN 7530-02-000-9047 — See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you. BW
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Henry Hubwick Commissioner
Milam Co. Precinct 1
P.O. Box 25
Buckholts, TX 76520

9590 9402 5791 0034 2659 16

2. Article Number (Transfer from service label)

7019 2970 0000 6595 8385

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Wanda Houston ☐ Agent ☑ Addressee

B. Received by (Printed Name) Wanda Houston C. Date of Delivery 5.10.22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

RECEIVED MAY 13 2022 By: .....

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☑ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: COMPLETE THIS SECTION

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- Print your name and address on the reverse so that we can return the card to you. BW
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1. Article Addressed to:

ART Neal, Milam Co. Pre #3
107 N FM 487
Rockdale TX 76567

9590 9402 5791 0034 2659 09

2. Article Number (Transfer from service label)

7019 2970 0000 6595 8408

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Rosalynn Monroe C. Date of Delivery 5.10.22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

RECEIVED MAY 12 2022 By: .....

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery ($500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☑ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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1. Article Addressed to:

Jess Muegge, Milam Co. #4
P.O. Box 395
Thorndale TX 76577

9590 9402 5791 0034 2658 93

2. Article Number (Transfer from service label)

7019 2970 0000 6595 8415

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Cynthia Galbreath ☐ Agent ☐ Addressee

B. Received by (Printed Name) Cynthia Galbreath C. Date of Delivery 5/11/22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

RECEIVED MAY 13 2022 By: .....

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery ($500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☑ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

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SENDER: COMPLETE THIS SECTION

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

TCEQ
Water Supply Division MC-155
P.O. Box 13087
Austin TX 78711

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) SK C. Date of Delivery 5-13-22

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you. BW
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Donald Sheffield, Milam Co #2
3100 N Travis
Cameron, TX 76520

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Adult Signature
☐ Adult Signature Restricted Delivery

TEXAS WATER DEVELOPMENT BOARD

Water Use Survey Submittal Status, Prior 3 Years

As of 5/19/2022 10:03:10 AM
Revised as Additional Data Becomes Available Through Survey Responses
Report Filename: SurveyStatus_PriorThreeYears

TWDB SurveyNo	PWS Code	Year	Form Type	Name	Survey Status
0129800	TX1980002	2019	Municipal - L	CITY OF CALVERT	Submitted
0130690	TX1660001	2021	Municipal - L	CITY OF CAMERON	Submitted
0130690	TX1660001	2020	Municipal - L	CITY OF CAMERON	Submitted
0130690	TX1660001	2019	Municipal - L	CITY OF CAMERON	Submitted
0131700	TX1930001	2021	Municipal - L	CITY OF CAMP WOOD	Not Submitted
0131700	TX1930001	2020	Municipal - L	CITY OF CAMP WOOD	Not Submitted
0131700	TX1930001	2019	Municipal - L	CITY OF CAMP WOOD	Submitted
0132200	TX1060001	2021	Municipal - L	CITY OF CANADIAN	Submitted
0132200	TX1060001	2020	Municipal - L	CITY OF CANADIAN	Submitted
0132200	TX1060001	2019	Municipal - L	CITY OF CANADIAN	Admin Incomplete
0132600	TX2340001	2021	Municipal - L	CITY OF CANTON	Submitted
0132600	TX2340001	2020	Municipal - L	CITY OF CANTON	Submitted
0132600	TX2340001	2019	Municipal - L	CITY OF CANTON	Submitted
0133500	TX0670015	2021	Municipal - L	CITY OF CARBON	Submitted
0133500	TX0670015	2020	Municipal - L	CITY OF CARBON	Submitted
0133500	TX0670015	2019	Municipal - L	CITY OF CARBON	Submitted
0880942	TX1090070	2021	Municipal - L	CITY OF CARLS CORNER	Submitted
0880942	TX1090070	2020	Municipal - L	CITY OF CARLS CORNER	Submitted
0880942	TX1090070	2019	Municipal - L	CITY OF CARLS CORNER	Submitted
0134700	TX0750007	2021	Municipal - L	CITY OF CARMINE	Submitted
0134700	TX0750007	2020	Municipal - L	CITY OF CARMINE	Submitted
0134700	TX0750007	2019	Municipal - L	CITY OF CARMINE	Submitted
0135400	TX0640002	2021	Municipal - L	CITY OF CARRIZO SPRINGS	Submitted
0135400	TX0640002	2020	Municipal - L	CITY OF CARRIZO SPRINGS	Submitted
0135400	TX0640002	2019	Municipal - L	CITY OF CARRIZO SPRINGS	Submitted
0136200	TX0570034	2021	Municipal - L	CITY OF CARROLLTON	Submitted
0136200	TX0570034	2020	Municipal - L	CITY OF CARROLLTON	Submitted
0136200	TX0570034	2019	Municipal - L	CITY OF CARROLLTON	Submitted
0137000	TX1830001	2021	Municipal - L	CITY OF CARTHAGE	Submitted
0137000	TX1830001	2020	Municipal - L	CITY OF CARTHAGE	Submitted
0137000	TX1830001	2019	Municipal - L	CITY OF CARTHAGE	Submitted
0138600	TX1630005	2021	Municipal - L	CITY OF CASTROVILLE	Submitted
0138600	TX1630005	2020	Municipal - L	CITY OF CASTROVILLE	Submitted
0138600	TX1630005	2019	Municipal - L	CITY OF CASTROVILLE	Submitted
0141000	TX0570036	2021	Municipal - L	CITY OF CEDAR HILL	Submitted
0141000	TX0570036	2020	Municipal - L	CITY OF CEDAR HILL	Submitted
0141000	TX0570036	2019	Municipal - L	CITY OF CEDAR HILL	Submitted
0141050	TX2460009	2021	Municipal - L	CITY OF CEDAR PARK	Submitted
0141050	TX2460009	2020	Municipal - L	CITY OF CEDAR PARK	Submitted
0141050	TX2460009	2019	Municipal - L	CITY OF CEDAR PARK	Submitted
0142600	TX1160002	2021	Municipal - L	CITY OF CELESTE	Submitted
0142600	TX1160002	2020	Municipal - L	CITY OF CELESTE	Submitted
0142600	TX1160002	2019	Municipal - L	CITY OF CELESTE	Submitted
0143400	TX0430003	2021	Municipal - L	CITY OF CELINA	Submitted
0143400	TX0430003	2020	Municipal - L	CITY OF CELINA	Submitted
0143400	TX0430003	2019	Municipal - L	CITY OF CELINA	Submitted
0143560	TX2100001	2021	Municipal - L	CITY OF CENTER	Submitted
0143560	TX2100001	2020	Municipal - L	CITY OF CENTER	Submitted
0143560	TX2100001	2019	Municipal - L	CITY OF CENTER	Submitted
0145000	TX1450002	2021	Municipal - L	CITY OF CENTERVILLE	Submitted
0145000	TX1450002	2020	Municipal - L	CITY OF CENTERVILLE	Submitted
0145000	TX1450002	2019	Municipal - L	CITY OF CENTERVILLE	Submitted
0147000	TX1070006	2021	Municipal - L	CITY OF CHANDLER	Not Submitted
0147000	TX1070006	2020	Municipal - L	CITY OF CHANDLER	Submitted
0147000	TX1070006	2019	Municipal - L	CITY OF CHANDLER	Submitted
0147400	TX1030011	2021	Municipal - L	CITY OF CHANNING	Submitted

Re: City_of_Cameron_12-3761A_Request_for_Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Fri 4/22/2022 5:24 PM
To: Philip Taucer [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

1 attachments (3 MB)
City_of_Cameron_12-3761_RFI_Example_Cert_Letter_to_Gov_Agency_04.22.2022.pdf;

Philip Taucer,
I attached an example of notice of a new impoundment sent to affected parties. You will notice the County Judge and the County Commissioners. It is a sample letter and sample of evidence that the letters have been sent certified mail.
I hope this information is helpful. If you have any other questions or concerns, do not hesitate to contact me.
Thank you

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

EARTH DAY 2022

From: Philip Taucer <[redacted]
Sent: Thursday, April 21, 2022 3:29 PM
To: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Cc: Amanda Englert <[redacted]; Eric Engelskirchen <[redacted]
Subject: RE: City_of_Cameron_12-3761A_Request_for_Information

Dr. Beerman,

Good afternoon. We have reviewed TCEQ's Request for Information and would appreciate any guidance that you could provide on the following related to the notice required under 30 TAC §295.42:

- Does TCEQ have any preferred verbiage or content for the storage reservoir notification? If so, any examples or other information that you could share would be helpful.
- Regarding the notice to members of the governing body of the county, would notification to the County Judge and County Commissioners be sufficient, or are there other county-level positions that should also be notified?

Thanks.

-Philip

Philip Taucer, PE | Associate | Water Resources Planning | Freese and Nichols, Inc. | 713-600-6835
[redacted]
FREESE NICHOLS

From: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Sent: Tuesday, April 19, 2022 10:49 AM
To: [redacted]
Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>
Subject: City_of_Cameron_12-3761A_Request_for_Information

Mr. Philip Taucer,
Attached is a Request for Information from TCEQ's Water Rights Permitting Section. Please respond by COB Thursday, May 19, 2022.
If you have any questions or concerns, do not hesitate to contact me.
Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

25 July 2014

B. Glen Whitley
County Judge
County Adminstration Building
100 East Weatherford Street
Fort Worth, Texas 76196
817-884-1441

Ref: City of Fort Worth Field Operations Service Facility
Storm Water Impoundment

Mr. Whitley,

This letter is to inform you that the City of Fort Worth is filing an application with the State of Texas in order to impound approximately 31 acre-feet of storm water, on an un-named tributary to Big Fossil Creek 4, in association with construction of the City of Fort Worth Field Operations Service Facility (FOSF).

The new service facility will provide citizens access to a solid waste disposal drop off facility as well as new support infrastructure for existing City of Fort Worth Code Compliance and Transportation and Public Works Departments.

The impounded storm water will allow the City to re-establish and improve the quality of existing wetlands, which will be compromised during construction of the FOSF, as well as to improve wildlife habitat and irrigate a portion of the development. The 900 acre watershed that drains to the facility produces approximately 1,425 acre feet of storm water in a normal year.

As the applicant, the City of Fort Worth is required to notify:

Affected Property Owners
County Commissioners
City Council Members

Should you have any questions or concerns, or would like any additional information, please feel free to contact me.

With this project, we look forward to improving our environment and establishing a service facility that will be an environmental model for all future development.

Sincerely,

Ronald Clements, AIA

Attachments: 1) location map 2) project siteplan

25 July 2014

Roy C. Brooks
Tarranty County Commissioner Precinct #1
Southwest Sub-Courthouse
6551 Granbury Road
Fort Worth, Texas 76133
817-370-4500

Ref: City of Fort Worth Field Operations Service Facility
Storm Water Impoundment

Mr. Brooks,

This letter is to inform you that the City of Fort Worth is filing an application with the State of Texas in order to impound approximately 31 acre-feet of storm water, on an un-named tributary to Big Fossil Creek 4, in association with construction of the City of Fort Worth Field Operations Service Facility (FOSF).

The new service facility will provide citizens access to a solid waste disposal drop off facility as well as new support infrastructure for existing City of Fort Worth Code Compliance and Transportation and Public Works Departments.

The impounded storm water will allow the City to re-establish and improve the quality of existing wetlands, which will be compromised during construction of the FOSF, as well as to improve wildlife habitat and irrigate a portion of the development. The 900 acre watershed that drains to the facility produces approximately 1,425 acre feet of storm water in a normal year.

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Affected Property Owners
County Commissioners
City Council Members

Should you have any questions or concerns, or would like any additional information, please feel free to contact me.

With this project, we look forward to improving our environment and establishing a service facility that will be an environmental model for all future development.

Sincerely,

Ronald Clements, AIA

Attachments: 1) location map 2) project siteplan

25 July 2014

Andy H. Nguyen
Tarranty County Commissioner Precinct #2
Arlington Sub-Courthouse
700 East Abram Street, Ste 304
Arlington, Texas 76010

Ref: City of Fort Worth Field Operations Service Facility
Storm Water Impoundment

Mr. Nguyen,

This letter is to inform you that the City of Fort Worth is filing an application with the State of Texas in order to impound approximately 31 acre-feet of storm water, on an un-named tributary to Big Fossil Creek 4, in association with construction of the City of Fort Worth Field Operations Service Facility (FOSF).

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Affected Property Owners
County Commissioners
City Council Members

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With this project, we look forward to improving our environment and establishing a service facility that will be an environmental model for all future development.

Sincerely,

Ronald Clements, AIA

Attachments: 1) location map 2) project siteplan

25 July 2014

J.D. Johnson
Tarranty County Commissioner Precinct #4
Northwest Sub-Courthouse
6713 Telephone Road, Rm 301
Lake Worth, Texas 76135
817-238-4400

Ref: City of Fort Worth Field Operations Service Facility
Storm Water Impoundment

Mr. Johnson,

This letter is to inform you that the City of Fort Worth is filing an application with the State of Texas in order to impound approximately 31 acre-feet of storm water, on an un-named tributary to Big Fossil Creek 4, in association with construction of the City of Fort Worth Field Operations Service Facility (FOSF).

The new service facility will provide citizens access to a solid waste disposal drop off facility as well as new support infrastructure for existing City of Fort Worth Code Compliance and Transportation and Public Works Departments.

The impounded storm water will allow the City to re-establish and improve the quality of existing wetlands, which will be compromised during construction of the FOSF, as well as to improve wildlife habitat and irrigate a portion of the development. The 900 acre watershed that drains to the facility produces approximately 1,425 acre feet of storm water in a normal year.

As the applicant, the City of Fort Worth is required to notify:

Affected Property Owners
County Commissioners
City Council Members

Should you have any questions or concerns, or would like any additional information, please feel free to contact me.

With this project, we look forward to improving our environment and establishing a service facility that will be an environmental model for all future development.

Sincerely,

Ronald Clements, AIA

Attachments: 1) location map 2) project siteplan

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Ann Zadeh
Council Representative District 9
District 9 Office
1000 Throckmorton Street
Fort Worth, Texas 76102

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery
11-10-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0159

PS Form 3811, July 2013 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Gary Fickes
Tarrant County Commissioner Precinct #3
Northeast Sub-Courthouse
645 Grapevine Highway, Ste 6
Hurst, Texas 76054

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) DENTA WEMBER | C. Date of Delivery 10-28-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0050

PS Form 3811, July 2013 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Roy C. Brooks
Tarrant County Commissioner Precinct #1
Southwest Sub-Courthouse
6551 Granbury Road
Fort Worth, Texas 76133

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0036

PS Form 3811, July 2013 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Andy H. Nguyen
Tarrant County Commissioner Precinct #2
Arlington Sub-Courthouse
700 East Abram Street, Ste 304
Arlington, Texas 76010

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery 10-24-1

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0043

PS Form 3811, July 2013 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

J.D. Johnson
Tarrant County Commissioner Precinct #4
Northwest Sub-Courthouse
6713 Telephone Road, Rm 301
Lake Worth, Texas 76135

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) | C. Date of Delivery 10-24-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0067

PS Form 3811, July 2013 Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

B. Glen Whitley
County Judge
County Administration Building
100 East Weatherford Street
Fort Worth, Texas 76196

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X ☐ Agent ☐ Addressee

RECEIVED OCT 27 2014

B. Received by (Printed Name) | C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

3. Service Type
☑ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7014 0510 0001 4631 0029

PS Form 3811, July 2013 Domestic Return Receipt

FORT WORTH

TRANSPORTATION AND PUBLIC WORKS DEPARTMENT
CITY OF FORT WORTH
1000 THROCKMORTON STREET
FORT WORTH TX 76102

RETURN SERVICE REQUESTED

CERTIFIED MAIL™

7014 0510 0001 4631 0050

Gary Fickes
Tarrant County Commissioner Precinct #3
Northeast Sub-Courthouse
645 Grapevine Highway, Ste 6
Hurst, Texas 76054

GG01 521020 0201000

7014 0510 0001 4631 0050

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Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.48

Postmark Here
10/23/14

Sent To Comm. Gary Fickes
Street, Apt. No.; or PO Box No.
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

FORT WORTH

TRANSPORTATION AND PUBLIC WORKS DEPARTMENT
CITY OF FORT WORTH
1000 THROCKMORTON STREET
FORT WORTH TX 76102

RETURN SERVICE REQUESTED

CERTIFIED MAIL™

7014 0510 0001 4631 0043

Andy H. Nguyen
Tarrant County Commissioner Precinct #2
Arlington Sub-Courthouse
700 East Abram Street, Ste 304
Arlington, Texas 76010

7014 0510 0001 4631 0043

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OFFICIAL USE

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 6.48

Postmark Here
10/23/14

Sent To Comm. Andy Nguyen
Street, Apt. No.; or PO Box No.
City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

City_of_Cameron_12-3761A_Request_for_Information

Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Tue 4/19/2022 10:49 AM

To: Philip Taucer <[redacted]>

Cc: Lillian Beerman <Lillian.Beerman@Tceq.Texas.Gov>

Mr. Philip Taucer,
Attached is a Request for Information from TCEQ's Water Rights Permitting Section. Please respond by COB Thursday, May 19, 2022.
If you have any questions or concerns, do not hesitate to contact me.
Thank You,

Lillian E. Beerman, Ph.D.
Water Rights Permitting Team
Water Availability Division
512-239-4019
lillian.beerman@tceq.texas.gov

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 19, 2022

Mr. Philip Taucer **VIA E-MAIL**
Freese and Nichols, Inc.
10497 Town and Country Way, Suite 500
Houston, TX 77024

RE: City of Cameron
ADJ 3761
CN600344162, RN105805550
Application No. 12-3761A to Amend Certificate of Adjudication No. 12-3761
Texas Water Code § 11.122, Requiring Published and Mailed Notice
Little River, Brazos River Basin
Milam County

Dear Mr. Taucer:

This acknowledges the receipt on March 24, 2022 of the referenced application and fees in the amount of $1,109.84 (Receipt No. M214892A & M214892B copies attached).

Before the application can be declared administratively complete, provide copies of the notice, with certified mail proof of delivery, sent to Milam County pursuant to Title 30 Texas Administrative Code (TAC) § 295.42 (copy attached) which states:

> The applicant for a permit to construct a storage reservoir shall give notice by certified mail of the application to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir, will be located.

Please submit the requested information by May 19, 2022 or the application may be returned pursuant to Title 30 TAC § 281.18.

Note that as of April 5, 2022, one or more of the Texas Water Development Board's (TWDB) Water Use Surveys have not been received and/or declared administratively complete by the TWDB.

Texas Water Code (TWC) § 16.012 (m) states: "A person who fails to timely complete and return the survey is not eligible for funding from the board for board programs and is ineligible to obtain permits, permit amendments, or permit renewals from the commission under Chapter 11." Copies of TWC § 16.012 (m) and Title 30 TAC § 297.41 are attached for your reference.

Be aware that the amendment to Certificate of Adjudication No. 12-3761 will not be issued, if recommended for issuance, until the TWDB's 2021 Water Use Survey is returned and declared administratively complete by the TWDB.

If you have any questions concerning this matter, please contact me via email at lillian.beerman@tceq.texas.gov or by telephone at (512) 239-4019.

Sincerely,

Lillian E. Beerman, Ph.D.

Lillian E. Beerman, Ph.D., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachments

TCEQ 24-MAR-22 12:01 PM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
WTR USE PERMITS	WUP	M214892A	5432		BS00093582	24-MAR-22	-$112.50
	WUP		032422	N	D2802310		
	WATER USE PERMITS	CAMERON, CITY OF	RHDAVIS	CK			
				Total (Fee Code):			-$112.50

TCEQ 24-MAR-22 12:01 PM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

Fee Description	Fee Code / Account# / Account Name	Ref#1 / Ref#2 / Paid In By	Check Number / Card Auth. / User Data	CC Type / Tran Code / Rec Code	Slip Key / Document#	Tran Date	Tran Amount
NOTICE FEES-WUP-WATER USE PERM	PTGU	M214892B	5432		BS00093582	24-MAR-22	-$997.34
	PTGU		032422	N	D2802310		
	NOTICE FEES WUP WATER USE PERMITS	CAMERON, CITY OF	RHDAVIS	CK			
				Total (Fee Code):			-$997.34

Texas Administrative Code

TITLE 30	ENVIRONMENTAL QUALITY
PART 1	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHAPTER 295	WATER RIGHTS, PROCEDURAL
SUBCHAPTER A	REQUIREMENTS OF WATER RIGHTS APPLICATIONS GENERAL PROVISION
DIVISION 4	ADDITIONAL REQUIREMENTS FOR DAMS AND RESERVOIRS
RULE §295.42	Additional Notice Requirement

(a) The applicant for a permit to construct a storage reservoir shall give notice by certified mail of the application to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir, will be located.

(b) For purposes of this section, a reservoir is located within a municipality when any part of the reservoir, when full, will be within the city limits of the municipality.

(c) An application for a permit to construct a storage reservoir must contain a copy of the notice that was mailed to each member of the governing bodies, as well as copies of the certified mailing cards.

Source Note: The provisions of this §295.42 adopted to be effective August 31, 2006, 31 TexReg 6751

(k) Within 90 days of completing a water availability model for a river basin, the commission, in coordination with the Parks and Wildlife Department and with input from the Department of Agriculture, where appropriate, shall determine the potential impact of reusing municipal and industrial effluent on existing water rights, instream uses, and freshwater inflows to bays and estuaries. Within 30 days of making this determination, the commission shall provide the projections to the board and each regional water planning group created under Section 16.053 of this code in that river basin.

(l) The executive administrator shall obtain or develop groundwater availability models for major and minor aquifers in coordination with groundwater conservation districts and regional water planning groups created under Section 16.053 that overlie the aquifers. Modeling of major aquifers shall be completed not later than October 1, 2004. On completing a groundwater availability model for an aquifer, the executive administrator shall provide the model to each groundwater conservation district and each regional water planning group created under Section 16.053 overlying that aquifer.

16.012(m) The executive administrator may conduct surveys of entities using groundwater and surface water for municipal, industrial, power generation, or mining purposes at intervals determined appropriate by the executive administrator to gather data to be used for long-term water supply planning. Recipients of the survey shall complete and return the survey to the executive administrator. A person who fails to timely complete and return the survey is not eligible for funding from the board for board programs and is ineligible to obtain permits, permit amendments, or permit renewals from the commission under Chapter 11. A person who fails to complete and return the survey commits an offense that is punishable as a Class C misdemeanor. This subsection does not apply to survey information regarding windmills used for domestic and livestock use.

(n) Information collected through field investigations on a landowner's property by the executive administrator after September 1, 2003, solely for use in the development of groundwater availability models under Subsection (l) of this section that reveals site-specific information about such landowner is not subject to Chapter 552, Government Code, and may not be disclosed to any person outside the board if the landowner on whose land the information is

<<Prev Rule Next Rule>>

Texas Administrative Code

TITLE 30	ENVIRONMENTAL QUALITY
PART 1	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
CHAPTER 297	WATER RIGHTS, SUBSTANTIVE
SUBCHAPTER E	ISSUANCE AND CONDITIONS OF WATER RIGHTS
RULE §297.41	General Approval Criteria

(a) Except as otherwise provided by this chapter, the commission shall grant an application for a water right only if:

(1) the application conforms to the requirements prescribed by Chapter 295 of this title (relating to Water Rights, Procedural) and is accompanied by the prescribed fee;

(2) unappropriated water is available in the source of supply;

(3) the proposed appropriation:

(A) is intended for a beneficial use;

(B) does not impair existing water rights or vested riparian rights;

(C) is not detrimental to the public welfare;

(D) considers the assessments performed under Texas Water Code (TWC), §§11.147(d) and (e), and 11.150 - 11.152; and

(E) addresses a water supply need in a manner that is consistent with the state water plan and the relevant approved regional water plan for any area in which the proposed appropriation is located, unless the commission determines that new, changed, or unaccounted for conditions warrant waiver of this requirement;

(4) the applicant has provided evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined by §297.1 of this title (relating to Definitions); and

(5) the applicant has completed and returned all Texas Water Development Board surveys of groundwater and surface water use required since September 1, 2001 under TWC, §16.012.

(b) Beginning January 5, 2002, the commission will not issue a water right for municipal purposes in a region that does not have an approved regional water plan in accordance with TWC, §16.053(i) unless the commission determines that new, changed, or unaccounted for conditions warrant the waiver of this requirement.

Source Note: The provisions of this §297.41 adopted to be effective February 24, 1999, 24 TexReg 1162; amended to be effective September 13, 2000, 25 TexReg 8969; amended to be effective August 15, 2002, 27 TexReg 7152

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March 23, 2022

Texas Commission on Environmental Quality
Water Availability Division, MC-160
12100 Park 35 Circle
Austin, Texas 78753
Attn: Chris Kozlowski

Re: Application for Amendment of Certificate of Adjudication 12-3761

Mr. Kozlowski:

Enclosed please find one copy of the water right amendment application packet for Certificate of Adjudication 12-3761, which is submitted on behalf of the City of Cameron (CN600344162). The packet includes the populated Administrative Information Report and Technical Information Report and associated addenda. Also included within the binder is a *Supplement to Application for Water Right Amendment* document providing additional background and technical detail on the proposed amendment. An electronic copy of the application will also be submitted via email or FTP in accordance with TCEQ guidance. The check for associated fees has been submitted to the Financial Administration Division under separate cover. Please contact me at 713-600-6835 or philip.taucer@freese.com if you have any questions regarding the application.

Sincerely,

Philip Taucer

cc: Brandon White, City of Cameron
Amanda Englert, Freese and Nichols

RECEIVED
MAR 24 2022
Water Availability Division

Application for Amendment of Certificate of Adjudication 12-3761

City of Cameron
2022

1

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ WATER RIGHTS PERMITTING APPLICATION

ADMINISTRATIVE INFORMATION CHECKLIST

Complete and submit this checklist for each application. See Instructions Page. 5.

APPLICANT(S): City of Cameron

Indicate whether the following items are included in your application by writing either Y (for yes) or N (for no) next to each item (all items are not required for every application).

Y/N	
Y	**Administrative Information Report**
N	Additional Co-Applicant Information
N	Additional Co-Applicant Signature Pages
Y	Written Evidence of Signature Authority
Y	**Technical Information Report**
Y	USGS Map (or equivalent)
Y	Map Showing Project Details
Y	Original Photographs
N	Water Availability Analysis
Y	**Worksheet 1.0**
N	Recorded Deeds for Irrigated Land
N	Consent For Irrigation Land
Y	**Worksheet 1.1**
N	Addendum to Worksheet 1.1
Y	**Worksheet 1.2**
Y	Addendum to Worksheet 1.2
Y	**Worksheet 2.0**
N	Additional W.S 2.0 for Each Reservoir
N	Dam Safety Documents
TBD	Notice(s) to Governing Bodies
N	Recorded Deeds for Inundated Land
N	Consent For Inundation Land

Y/N	
Y	**Worksheet 3.0**
Y	Additional W.S 3.0 for each Point
Y	Recorded Deeds for Diversion Points
Y	Consent For Diversion Access
Y	**Worksheet 4.0**
N	TPDES Permit(s)
N	WWTP Discharge Data
N	24-hour Pump Test
N	Groundwater Well Permit
N	Signed Water Supply Contract
Y	**Worksheet 4.1**
Y	**Worksheet 5.0**
Y	Addendum to Worksheet 5.0
Y	**Worksheet 6.0**
Y	Water Conservation Plan(s)
Y	Drought Contingency Plan(s)
Y	Documentation of Adoption
Y	**Worksheet 7.0**
N	Accounting Plan
Y	**Worksheet 8.0**
Y	Fees

For Commission Use Only:
Proposed/Current Water Right Number: _____
Basin: _____ Watermaster area Y/N: _____

ADMINISTRATIVE INFORMATION REPORT

The following information **is required** for **all** new applications and amendments.

****Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Staff to discuss Applicant's needs prior to submitting an application. Call the Water Rights Permitting Team to schedule a meeting at* (512) 239-4600.

1. TYPE OF APPLICATION (Instructions, Page. 6)

Indicate, by marking X, next to the following authorizations you are seeking.

_____New Appropriation of State Water

X_____Amendment to a Water Right *

_____ Bed and Banks

**If you are seeking an amendment to an existing water rights authorization, you must be the owner of record of the authorization. If the name of the Applicant in Section 2, does not match the name of the current owner(s) of record for the permit or certificate or if any of the co-owners is not included as an applicant in this amendment request, your application could be returned. If you or a co-applicant are a new owner, but ownership is not reflected in the records of the TCEQ, submit a change of ownership request (Form TCEQ-10204) prior to submitting the application for an amendment. See Instructions page. 6. Please note that an amendment application may be returned, and the Applicant may resubmit once the change of ownership is complete.*

Please summarize the authorizations or amendments you are seeking in the space below or attach a narrative description entitled "Summary of Request."

Cameron holds Certificate of Adjudication (CA) 12-3761 on the Little River. Cameron is seeking an amendment to CA 12-3761 to add a diversion reach to relocate surface water intake facilities to an upstream location with more reliable access. The current intake location holds concerns of potential loss of access associated with channel migration. The application for CA 12-3761 also seeks authorization for a small on-channel impoundment to facilitate pumping. This structure is anticipated to be similar to the existing impoundment authorized by CA 12-3761 and less than 6 feet in height. The existing impoundment will not be utilized after intake relocation and is anticipated to be eventually breached or removed from the stream by channel migration.

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

Indicate the number of Applicants/Co-Applicants 1
(Include a copy of this section for each Co-Applicant, if any)

What is the Full Legal Name of the individual or entity (applicant) applying for this permit?

City of Cameron

(If the Applicant is an entity, the legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch

CN : CN600344162 (leave blank if you do not yet have a CN).

What is the name and title of the person or persons signing the application? Unless an application is signed by an individual applicant, the person or persons must submit written evidence that they meet the signatory requirements in *30 TAC § 295.14.*

First/Last Name: Brandon White

Title: Water & Sewer Supervisor

Have you provided written evidence meeting the signatory requirements in 30 TAC § 295.14, as an attachment to this application? Yes

What is the applicant's mailing address as recognized by the US Postal Service (USPS)? You may verify the address on the USPS website at https://tools.usps.com/go/ZipLookupAction!input.action.

Name: City of Cameron

Mailing Address: P.O. Box 833

City: Cameron State: TX ZIP Code: 76520

Indicate an X next to the type of Applicant:

___Individual	___Sole Proprietorship-D.B.A.
___Partnership	___Corporation
___Trust	___Estate
___Federal Government	___State Government
___County Government	X City Government
___Other Government	___Other_____

For Corporations or Limited Partnerships, provide:
State Franchise Tax ID Number: N/A SOS Charter (filing) Number: N/A

3. APPLICATION CONTACT INFORMATION (Instructions, Page. 9)

If the TCEQ needs additional information during the review of the application, who should be contacted? Applicant may submit their own contact information if Applicant wishes to be the point of contact.

First and Last Name: Philip Taucer

Title: Engineer

Organization Name: Freese and Nichols, Inc.

Mailing Address: 10497 Town and Country Way, Suite 500

City: Houston State: TX ZIP Code: 77024

Phone No.: 713-600-6835 Extension: N/A

Fax No.: N/A E-mail Address: [redacted]

4. WATER RIGHT CONSOLIDATED CONTACT INFORMATION (Instructions, Page. 9)

This section applies only if there are multiple Owners of the same authorization. Unless otherwise requested, Co-Owners will each receive future correspondence from the Commission regarding this water right (after a permit has been issued), such as notices and water use reports. Multiple copies will be sent to the same address if Co-Owners share the same address. Complete this section if there will be multiple owners and **all** owners agree to let one owner receive correspondence from the Commission. Leave this section blank if you would like all future notices to be sent to the address of each of the applicants listed in section 2 above.

I/We authorize all future notices be received on my/our behalf at the following:

First and Last Name: N/A

Title: N/A

Organization Name: N/A

Mailing Address: N/A

City: N/A State: N/A ZIP Code: N/A

Phone No.: N/A Extension: N/A

Fax No.: N/A E-mail Address: N/A

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

a. The application will not be processed unless all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol by all applicants/co-applicants. If you need assistance determining whether you owe delinquent penalties or fees, please call the Water Rights Permitting Team at (512) 239-4600, prior to submitting your application.

1. Does Applicant or Co-Applicant owe any fees to the TCEQ? **Yes / No** No

   If **yes**, provide the following information:

   Account number: N/A Amount past due: N/A

2. Does Applicant or Co-Applicant owe any penalties to the TCEQ? **Yes / No** No

   If **yes**, please provide the following information:

   Enforcement order number: N/A Amount past due: N/A

b. If the Applicant is a taxable entity (corporation or limited partnership), the Applicant must be in good standing with the Comptroller or the right of the entity to transact business in the State may be forfeited. See Texas Tax Code, Subchapter F. Applicant's may check their status with the Comptroller at https://mycpa.cpa.state.tx.us/coa/

   Is the Applicant or Co-Applicant in good standing with the Comptroller? **Yes / No** N/A

c. The commission will not grant an application for a water right unless the applicant has submitted all Texas Water Development Board (TWDB) surveys of groundwater and surface water use – if required. See TWC §16.012(m) and 30 TAC § 297.41(a)(5).

Applicant has submitted all required TWDB surveys of groundwater and surface water? **Yes / No** Yes

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Brandon White Water and Sewer Supervisor
(Typed or printed name) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under Title 30 Texas Administrative Code §295.14 to sign and submit this document and I have submitted written evidence of my signature authority.

Signature: _____ Date: 3/10/22
(Use blue ink)

Subscribed and Sworn to before me by the said

on this march day of 10, 20 22.

My commission expires on the 27 day of January, 20 24.

Paula B Woods
Notary Public

[SEAL]

PAULA B. WOODS
NOTARY PUBLIC
STATE OF TEXAS
ID # 130389505
My Comm. Expires 01-27-2024

Milam
County, Texas

If the Application includes Co-Applicants, each Applicant and Co-Applicant must submit an original, separate signature page

Addendum A:
Signatory Authority
(Addendum to Administrative Information Report)

Application Filing and Authorized Representative Resolution

A RESOLUTION by the City Council of the City of Cameron requesting a Water Right Amendment from the Texas Commission on Environmental Quality (TCEQ); authorizing the filing of an amendment; and making certain findings in connection therewith.

Be it resolved by the City Council of the City of Cameron:

- That Brandon White be and is hereby designated the authorized representative of the City of Cameron for purposes of furnishing such information and executing such documents as may be required in connection with the preparation and filing of such application for water right amendment and the rules of TCEQ.
- That the following firms and individuals are hereby authorized and directed to aid and assist in the preparation and submission of a Water Right Amendment application to the TCEQ and appear on behalf of and represent the City of Cameron before any hearing held by TCEQ on such amendment, to wit:

Engineer: Eric Engelskirchen, P.E.
Freese and Nichols, Inc.

Engineer: Philip Taucer, P.E.
Freese and Nichols, Inc.

Passed and Approved, this the 1st day of November, 2021.

ATTEST:

Amy Harris
Amy Harris, City Secretary

By:

William Harris, Mayor

2

TECHNICAL INFORMATION REPORT
WATER RIGHTS PERMITTING

This Report is required for applications for new or amended water rights. Based on the Applicant's responses below, Applicant are directed to submit additional Worksheets (provided herein). A completed Administrative Information Report is also required for each application.

Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Permitting Staff to discuss Applicant's needs and to confirm information necessary for an application prior to submitting such application. Please call Water Availability Division at (512) 239-4600 to schedule a meeting. Applicant attended a pre-application meeting with TCEQ Staff for this Application? **Y / N** Y (If yes, date : May 28, 2020).

1. New or Additional Appropriations of State Water. Texas Water Code (TWC) § 11.121 (Instructions, Page. 12)

State Water is: *The water of the ordinary flow, underflow, and tides of every flowing river, natural stream, and lake, and of every bay or arm of the Gulf of Mexico, and the storm water, floodwater, and rainwater of every river, natural stream, canyon, ravine, depression, and watershed in the state. TWC § 11.021.*

a. Applicant requests a new appropriation (diversion or impoundment) of State Water? **Y / N** N

b. Applicant requests an amendment to an existing water right requesting an increase in the appropriation of State Water or an increase of the overall or maximum combined diversion rate? **Y / N** N (If yes, indicate the Certificate or Permit number: N/A)

If Applicant answered yes to (a) or (b) above, does Applicant also wish to be considered for a term permit pursuant to TWC § 11.1381? **Y / N** N/A

c. Applicant requests to extend an existing Term authorization or to make the right permanent? **Y / N** N (If yes, indicate the Term Certificate or Permit number: N/A)

If Applicant answered yes to (a), (b) or (c), the following worksheets and documents are required:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir requested in the application)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point and/or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach requested in the application)
- **Worksheet 5.0 – Environmental Information Worksheet**
- **Worksheet 6.0 – Water Conservation Information Worksheet**
- **Worksheet 7.0 – Accounting Plan Information Worksheet**
- **Worksheet 8.0 – Calculation of Fees**
- **Fees calculated on Worksheet 8.0** – see instructions **Page. 34.**
- **Maps** – See instructions **Page. 15.**
- **Photographs** - See instructions **Page. 30.**

Additionally, if Applicant wishes to submit an alternate source of water for the project/authorization, see Section 3, Page 3 for Bed and Banks Authorizations (Alternate sources may include groundwater, imported water, contract water or other sources).

Additional Documents and Worksheets may be required (see within).

2. Amendments to Water Rights. TWC § 11.122 (Instructions, Page. 12)

This section should be completed if Applicant owns an existing water right and Applicant requests to amend the water right. ***If Applicant is not currently the Owner of Record in the TCEQ Records, Applicant must submit a Change of Ownership Application (TCEQ-10204) prior to submitting the amendment Application or provide consent from the current owner to make the requested amendment. If the application does not contain consent from the current owner to make the requested amendment, TCEQ will not begin processing the amendment application until the Change of Ownership has been completed and will consider the Received Date for the application to be the date the Change of Ownership is completed.*** **See instructions page. 6.**

Water Right (Certificate or Permit) number you are requesting to amend: 12-3761

Applicant requests to sever and combine existing water rights from one or more Permits or Certificates into another Permit or Certificate? **Y / N** N (if yes, complete chart below):

List of water rights to sever	Combine into this ONE water right
N/A	N/A

a. Applicant requests an amendment to an existing water right to increase the amount of the appropriation of State Water (diversion and/or impoundment)? **Y / N** N

If yes, application is a new appropriation for the increased amount, complete ***Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

b. Applicant requests to amend existing Term authorization to extend the term or make the water right permanent (remove conditions restricting water right to a term of years)? **Y / N** N

If yes, application is a new appropriation for the entire amount, complete ***Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

c. Applicant requests an amendment to change the purpose or place of use or to add an additional purpose or place of use to an existing Permit or Certificate? **Y / N** N
If yes, submit:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 1.2 - Notice: "Marshall Criteria"**

d. Applicant requests to change: diversion point(s); or reach(es); or diversion rate? **Y / N** Y
If yes, submit:

- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach)
- **Worksheet 5.0 – Environmental Information** (Required for <u>any</u> new diversion points that are not already authorized in a water right)

e. Applicant requests amendment to add or modify an impoundment, reservoir, or dam? **Y / N** Y

If yes, submit: **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir)

f. Other - Applicant requests to change any provision of an authorization not mentioned above? **Y / N**N_____*If yes, call the Water Availability Division at (512) 239-4600 to discuss.*

Additionally, all amendments require:

- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

3. Bed and Banks. TWC § 11.042 (Instructions, Page 13)

a. Pursuant to contract, Applicant requests authorization to convey, stored or conserved water to the place of use or diversion point of purchaser(s) using the bed and banks of a watercourse? TWC § 11.042(a). **Y/N**N_____

If yes, submit a signed copy of the Water Supply Contract pursuant to 30 TAC §§ 295.101 and 297.101. Further, if the underlying Permit or Authorization upon which the Contract is based does not authorize Purchaser's requested Quantity, Purpose or Place of Use, or Purchaser's diversion point(s), then either:

1. *Purchaser must submit the worksheets required under Section 1 above with the Contract Water identified as an alternate source; or*
2. *Seller must amend its underlying water right under Section 2.*

b. Applicant requests to convey water imported into the state from a source located wholly outside the state using the bed and banks of a watercourse? TWC § 11.042(a-1). **Y / N**N

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps and fees from the list below.

c. Applicant requests to convey Applicant's own return flows derived from privately owned groundwater using the bed and banks of a watercourse? TWC § 11.042(b). **Y / N**N

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

d. Applicant requests to convey Applicant's own return flows derived from surface water using the bed and banks of a watercourse? TWC § 11.042(c). **Y / N**N

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, Maps, and fees from the list below.

Please note, if Applicant requests the reuse of return flows belonging to others, the Applicant will need to submit the worksheets and documents under Section 1 above, as the application will be treated as a new appropriation subject to termination upon direct or indirect reuse by the return flow discharger/owner.

e. Applicant requests to convey water from any other source, other than (a)-(d) above, using the bed and banks of a watercourse? TWC § 11.042(c). **Y / N**N

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

Worksheets and information:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir owned by the applicant through which water will be conveyed or diverted)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for the downstream limit of each diversion reach for the proposed conveyances)
- **Worksheet 4.0 – Discharge Information Worksheet** (for each discharge point)

- **Worksheet 5.0 - Environmental Information Worksheet**
- **Worksheet 6.0 - Water Conservation Information Worksheet**
- **Worksheet 7.0 - Accounting Plan Information Worksheet**
- **Worksheet 8.0 - Calculation of Fees; and Fees calculated - see instructions Page. 34**
- **Maps** - See instructions **Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

4. General Information, Response Required for all Water Right Applications (Instructions, Page 15)

a. Provide information describing how this application addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement (*not required for applications to use groundwater-based return flows*). Include citations or page numbers for the State and Regional Water Plans, if applicable. Provide the information in the space below or submit a supplemental sheet entitled "Addendum Regarding the State and Regional Water Plans":

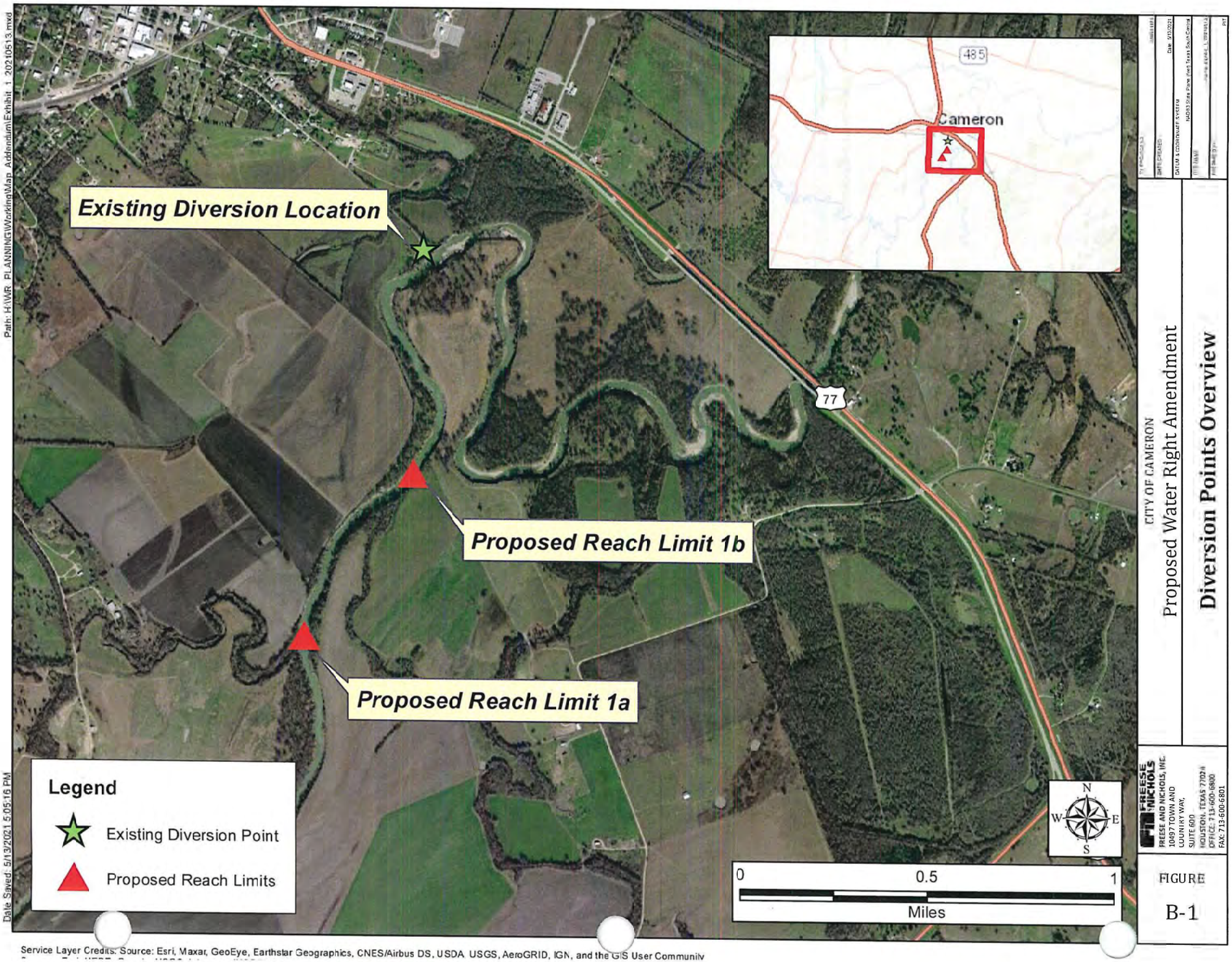
The application is consistent with the 2021 Brazos G Regional Water Plan (RWP). Run-of-river supplies under CA 12-3761 were accounted for as part of existing supply, with the new intake and pipeline included as a recommended strategy in the RWP. Additional detail is included in Addenda C and D. The proposed amendment does not increase permitted supply but instead adds operational reliability.

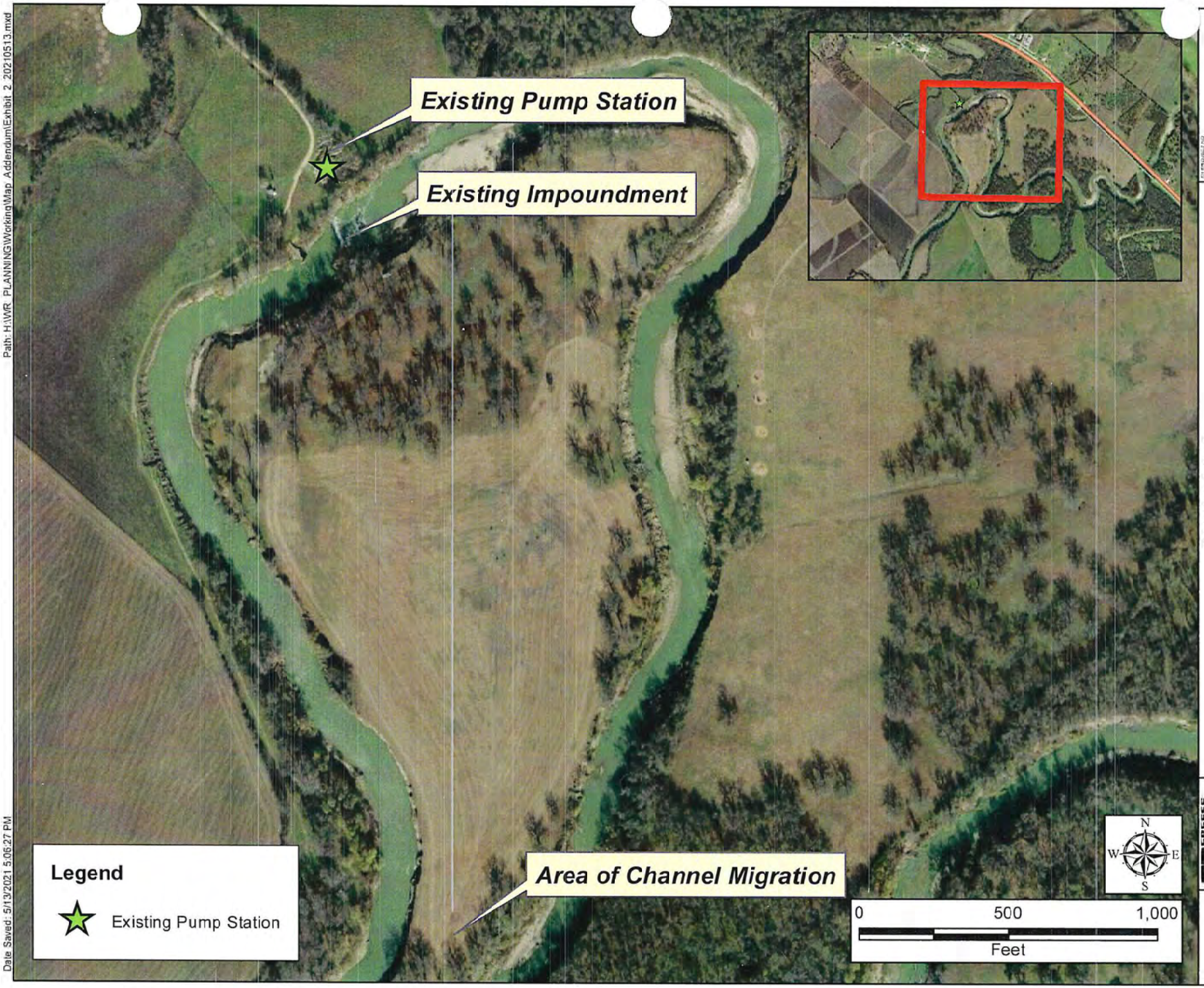
b. Did the Applicant perform its own Water Availability Analysis? **Y** / **N** N

If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports.

C. Does the application include required Maps? (Instructions **Page. 15**) **Y** / **N** Y

Addendum B:
Maps
(Addendum to Technical Information Report)


Existing Diversion Location
Proposed Reach Limit 1b
Proposed Reach Limit 1a
Cameron
485
77
Legend
Existing Diversion Point
Proposed Reach Limits
N
W
E
S
0
0.5
1
Miles
Path: H:\WR PLANNING\GIS\Working\Map Addendum\Exhibit 1 20210513.mxd
Date Saved: 5/13/2021 5:05:16 PM
Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
CITY OF CAMERON
Proposed Water Right Amendment
Diversion Points Overview
DATUM & COORDINATE SYSTEM
NAD83 State Plane (feet) Texas South Central
Date: 5/13/2021
FREESE NICHOLS
FREESE AND NICHOLS, INC.
10497 TOWN AND COUNTRY WAY,
SUITE 600
HOUSTON, TEXAS 77024
OFFICE: 713-600-6800
FAX: 713-600-6801
FIGURE
B-1



Path: H:\WR_PLANNING\Working\Map Addendum\Exhibit 2_20210513.mxd

Date Saved: 5/13/2021 5:06:27 PM

CITY OF CAMERON

Proposed Water Right Amendment

Existing Diversion Point

FREESE NICHOLS
FREESE AND NICHOLS, INC.
10497 TOWN AND COUNTRY WAY,
SUITE 600
HOUSTON, TEXAS 77024
OFFICE: 713-600-6800
FAX: 713-600-6801

FIGURE

B-2

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Date Saved: 5/14/2021 7:40:53 AM

Path: H:\WR_PLANNING\Working\Map_Addendum\Exhibit_3_20210513.mxd

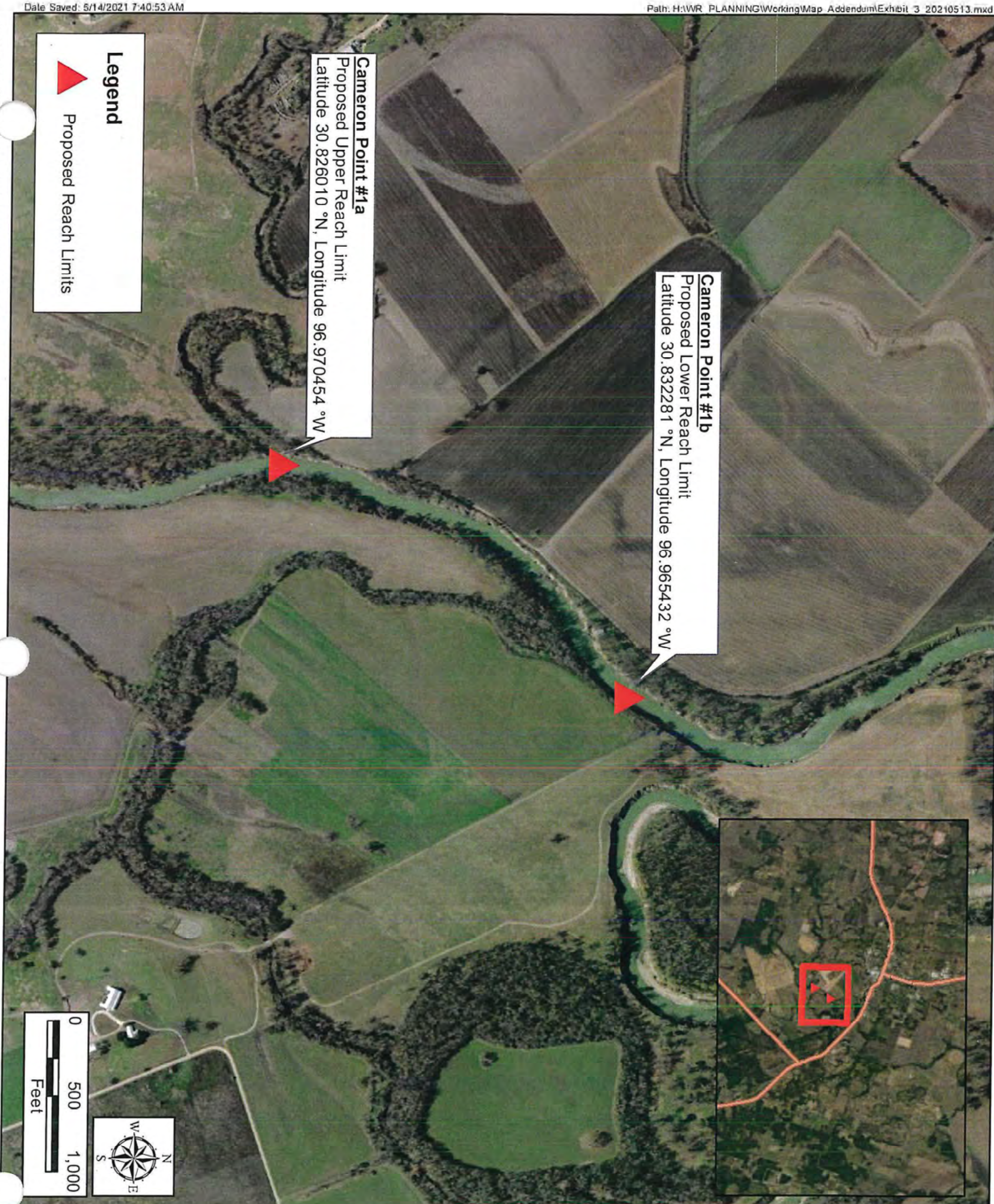


FIGURE B-3	FREESE AND NICHOLS, INC. 10497 TOWN AND COUNTRY WAY, SUITE 600 HOUSTON, TEXAS 77024 OFFICE: 713-600-6800 FAX: 713-600-6801	CITY OF CAMERON Proposed Water Right Amendment **Proposed Diversion Reach**	DATE CREATED: Date: 5/14/2021 DATUM & COORDINATE SYSTEM: NAD83 State Plane (feet) Texas South Central FILE NAME PREPARED BY: PIT

Addendum C:
Excerpt from 2021 Brazos G Regional Water Plan
(Addendum to Technical Information Report)

Debt Service (3.5 percent, 20 years)	$3,506,000
Operation and Maintenance	
Pipeline, Wells, and Storage Tanks (1% of Cost of Facilities)	$122,000
Intakes and Pump Stations (2.5% of Cost of Facilities)	$551,000
Water Treatment Plant	$260,000
Pumping Energy Costs (6,834,630 kW-hr @ 0.08 $/kW-hr)	$547,000
TOTAL ANNUAL COST	**$4,986,000**

Available Project Yield (acft/yr)	2,236
Annual Cost of Water ($ per acft), based on PF=3.753	$2,230
Annual Cost of Water After Debt Service ($ per acft), based on PF=3.753	$662
Annual Cost of Water ($ per 1,000 gallons), based on PF=3.753	$6.84
Annual Cost of Water After Debt Service ($ per 1,000 gallons), based on PF=3.753	$2.03

13.3.21 Milam County

WUG: City of Cameron

Strategy: Little River Intake

Source: Little River water right

Facilities: Intake, pump station, pipeline

Total Capital Cost:	$8,578,000
Total Project Cost:	$13,006,000
Total Annual Cost:	$1,137,000
Available Project Yield:	2,792 acft/yr
Annual Cost of Water:	$407 per acft/yr

This project will include one 5 mgd intake and pump station and 2 miles of 18-inch diameter pipe.

Cost Estimate Summary
September 2018 Prices

City of Cameron - Little River Intake

Item	*Estimated Costs for Facilities*
Intake and Primary Pump Station (5 MGD)	$7,213,000
Transmission Pipeline (18 in dia., 2 miles)	$1,365,000
TOTAL COST OF FACILITIES	**$8,578,000**

Engineering and Feasibility Studies, Legal Assistance, Financing, Bond Counsel, and Contingencies (30% for pipes & 35% for all other facilities)	$4,016,000
Environmental & Archaeology Studies and Mitigation	$53,000
Land Acquisition and Surveying (5 acres)	$10,000
Interest During Construction (3% for 1 years with a 0.5% ROI)	$349,000
TOTAL COST OF PROJECT	**$13,006,000**
ANNUAL COST	
Debt Service (3.5 percent, 20 years)	$915,000
Operation and Maintenance	
Pipeline, Wells, and Storage Tanks (1% of Cost of Facilities)	$14,000
Intakes and Pump Stations (2.5% of Cost of Facilities)	$180,000
Pumping Energy Costs (346,599 kW-hr @ 0.08 $/kW-hr)	$28,000
TOTAL ANNUAL COST	**$1,137,000**
Available Project Yield (acft/yr)	2,792
Annual Cost of Water ($ per acft), based on PF=2	$407
Annual Cost of Water After Debt Service ($ per acft), based on PF=2	$80
Annual Cost of Water ($ per 1,000 gallons), based on PF=2	$1.25
Annual Cost of Water After Debt Service ($ per 1,000 gallons), based on PF=2	$0.24

WUG: City of Rockdale

Strategy: Lee County: Carrizo-Wilcox Aquifer Development

Source: Lee County: Carrizo-Wilcox Aquifer

Facilities: Well Field, collection pipes, treatment

Total Capital Cost: $3,182,000

Total Project Cost: $5,086,000

Total Annual Cost: $447,000

Available Project Yield: 433 acft/yr (maximum need for Rockdale)

Annual Cost of Water: $1,034 per acft/yr

This project will include one 1,800 gpm well drilled to 1,225 ft as well as 5,280 ft of transmission pipeline per well and disinfection treatment.

3

WORKSHEET 1.0
Quantity, Purpose and Place of Use

1. New Authorizations (Instructions, Page. 16)

Submit the following information regarding quantity, purpose and place of use for requests for new or additional appropriations of State Water or Bed and Banks authorizations:

Quantity (acre-feet) *(Include losses for Bed and Banks)*	**State Water Source (River Basin) or Alternate Source** *each *alternate source (and new appropriation based on return flows of others) also requires completion of Worksheet 4.0*	**Purpose(s) of Use**	**Place(s) of Use** **requests to move state water out of basin also require completion of Worksheet 1.1 Interbasin Transfer*
N/A	N/A	N/A	N/A

N/A Total amount of water (in acre-feet) to be used annually (*include losses for Bed and Banks applications*)

If the Purpose of Use is Agricultural/Irrigation for any amount of water, provide:

a. Location Information Regarding the Lands to be Irrigated

i) Applicant proposes to irrigate a total of N/A acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of N/A acres in N/A County, TX.

ii) Location of land to be irrigated: In the N/A Original Survey No. N/A, Abstract No. N/A.

A copy of the deed(s) or other acceptable instrument describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds.
If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

2. Amendments - Purpose or Place of Use (Instructions, Page. 12)

a. Complete this section for each requested amendment changing, adding, or removing Purpose(s) or Place(s) of Use, complete the following:

Quantity (acre-feet)	Existing Purpose(s) of Use	Proposed Purpose(s) of Use*	Existing Place(s) of Use	Proposed Place(s) of Use**
N/A	N/A	N/A	N/A	N/A

**If the request is to add additional purpose(s) of use, include the existing and new purposes of use under "Proposed Purpose(s) of Use."*

***If the request is to add additional place(s) of use, include the existing and new places of use under "Proposed Place(s) of Use."*

Changes to the purpose of use in the Rio Grande Basin may require conversion. 30 TAC § 303.43.

b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated:

i. Applicant proposes to irrigate a total of N/A acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of N/A acres in N/A County, TX.

ii. Location of land to be irrigated: In the N/A Original Survey No. N/A, Abstract No. N/A.

A copy of the deed(s) describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds. If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other legal right for Applicant to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

c. Submit Worksheet 1.1, Interbasin Transfers, for any request to change the place of use which moves State Water to another river basin.

d. See Worksheet 1.2, Marshall Criteria, and submit if required.

e. See Worksheet 6.0, Water Conservation/Drought Contingency, and submit if required.

4

WORKSHEET 1.1
INTERBASIN TRANSFERS, TWC § 11.085

Submit this worksheet for an application for a new or amended water right which requests to transfer State Water from its river basin of origin to use in a different river basin. A river basin is defined and designated by the Texas Water Development Board by rule pursuant to TWC § 16.051.

Applicant requests to transfer State Water to another river basin within the State? Y / N N

1. Interbasin Transfer Request (Instructions, Page. 20)

a. Provide the Basin of Origin. N/A

b. Provide the quantity of water to be transferred (acre-feet). N/A

c. Provide the Basin(s) and count(y/ies) where use will occur in the space below:

N/A

2. Exemptions (Instructions, Page. 20), TWC § 11.085(v)

Certain interbasin transfers are exempt from further requirements. Answer the following:

a. The proposed transfer, which in combination with any existing transfers, totals less than 3,000 acre-feet of water per annum from the same water right. Y/N N/A

b. The proposed transfer is from a basin to an adjoining coastal basin? Y/N N/A

c. The proposed transfer from the part of the geographic area of a county or municipality, or the part of the retail service area of a retail public utility as defined by Section 13.002, that is within the basin of origin for use in that part of the geographic area of the county or municipality, or that contiguous part of the retail service area of the utility, not within the basin of origin? Y/N N/A

d. The proposed transfer is for water that is imported from a source located wholly outside the boundaries of Texas, except water that is imported from a source located in the United Mexican States? Y/N N/A

3. Interbasin Transfer Requirements (Instructions, Page. 20)

For each Interbasin Transfer request that is not exempt under any of the exemptions listed above Section 2, provide the following information in a supplemental attachment titled "Addendum to Worksheet 1.1, Interbasin Transfer":

a. the contract price of the water to be transferred (if applicable) (also include a copy of the contract or adopted rate for contract water);

b. a statement of each general category of proposed use of the water to be transferred and a detailed description of the proposed uses and users under each category;

c. the cost of diverting, conveying, distributing, and supplying the water to, and treating the water for, the proposed users (example - expert plans and/or reports documents may be provided to show the cost);

d. describe the need for the water in the basin of origin and in the proposed receiving basin based on the period for which the water supply is requested, but not to exceed 50 years (the need can be identified in the most recently approved regional water plans. The state and regional water plans are available for download at this website: (http://www.twdb.texas.gov/waterplanning/swp/index.asp);

e. address the factors identified in the applicable most recently approved regional water plans which address the following:

   (i) the availability of feasible and practicable alternative supplies in the receiving basin to the water proposed for transfer;
   (ii) the amount and purposes of use in the receiving basin for which water is needed;

   (iii) proposed methods and efforts by the receiving basin to avoid waste and implement water conservation and drought contingency measures;

   (iv) proposed methods and efforts by the receiving basin to put the water proposed for transfer to beneficial use;

   (v) the projected economic impact that is reasonably expected to occur in each basin as a result of the transfer; and

   (vi) the projected impacts of the proposed transfer that are reasonably expected to occur on existing water rights, instream uses, water quality, aquatic and riparian habitat, and bays and estuaries that must be assessed under Sections 11.147, 11.150, and 11.152 in each basin *(if applicable)*. If the water sought to be transferred is currently authorized to be used under an existing permit, certified filing, or certificate of adjudication, such impacts shall only be considered in relation to that portion of the permit, certified filing, or certificate of adjudication proposed for transfer and shall be based on historical uses of the permit, certified filing, or certificate of adjudication for which amendment is sought;

f. proposed mitigation or compensation, if any, to the basin of origin by the applicant; and

g. the continued need to use the water for the purposes authorized under the existing Permit, Certified Filing, or Certificate of Adjudication, if an amendment to an existing water right is sought.

5

WORKSHEET 1.2
NOTICE. "THE MARSHALL CRITERIA"

This worksheet assists the Commission in determining notice required for certain **amendments** that do not already have a specific notice requirement in a rule for that type of amendment, and *that do not change the amount of water to be taken or the diversion rate.* The worksheet provides information that Applicant **is required** to submit for such amendments which include changes in use, changes in place of use, or other non-substantive changes in a water right (such as certain amendments to special conditions or changes to off-channel storage). These criteria address whether the proposed amendment will impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

*This worksheet is **not required for Applications in the Rio Grande Basin** requesting changes in the purpose of use, rate of diversion, point of diversion, and place of use for water rights held in and transferred within and between the mainstems of the Lower Rio Grande, Middle Rio Grande, and Amistad Reservoir. See 30 TAC § 303.42.*

*This worksheet is **not required for amendments which are only changing or adding diversion points, or request only a bed and banks authorization or an IBT authorization**. However, Applicants may wish to submit the Marshall Criteria to ensure that the administrative record includes information supporting each of these criteria*

1. The "Marshall Criteria" (Instructions, Page. 21)

Submit responses on a supplemental attachment titled "Marshall Criteria" in a manner that conforms to the paragraphs (a) - (g) below:

a. Administrative Requirements and Fees. Confirm whether application meets the administrative requirements for an amendment to a water use permit pursuant to TWC Chapter 11 and Title 30 Texas Administrative Code (TAC) Chapters 281, 295, and 297. An amendment application should include, but is not limited to, a sworn application, maps, completed conservation plan, fees, etc.

b. Beneficial Use. Discuss how proposed amendment is a beneficial use of the water as defined in TWC § 11.002 and listed in TWC § 11.023. Identify the specific proposed use of the water (e.g., road construction, hydrostatic testing, etc.) for which the amendment is requested.

c. Public Welfare. Explain how proposed amendment is not detrimental to the public welfare. Consider any public welfare matters that might be relevant to a decision on the application. Examples could include concerns related to the well-being of humans and the environment.

d. Groundwater Effects. Discuss effects of proposed amendment on groundwater or groundwater recharge.

e. State Water Plan. Describe how proposed amendment addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement. The state and regional water plans are available for download at: http://www.twdb.texas.gov/waterplanning/swp/index.asp.

f. Waste Avoidance. Provide evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined in TWC § 11.002. Examples of evidence could include, but are not limited to, a water conservation plan or, if required, a drought contingency plan, meeting the requirements of 30 TAC Chapter 288.

g. Impacts on Water Rights or On-stream Environment. Explain how proposed amendment will not impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

Addendum D:
Marshall Criteria
(Addendum to Worksheet 1.2)

Responses to Marshall Criteria for Certificate of Adjudication 12-3761

A. Administrative Requirements and Fees: *Confirm whether application meets the administrative requirements for an amendment to a water use permit pursuant to TWC Chapter 11 and Title 30 Texas Administrative Code (TAC) Chapters 281, 295, and 297. An amendment application should include, but is not limited to, a sworn application, maps, completed conservation plan, fees, etc.*

The application provides relevant information to address the administrative requirements of 30 TAC §295, Subchapter A and the requirements of Texas Water Code Chapter 11. In accordance with 30 TAC §295.131 and other TCEQ rules relating to fees, Cameron is submitting payment of $112.50 with this application. With the filing of this application, the City of Cameron requests a determination of any additional fees that may be required. Upon receipt of such determination, Cameron will forward such fees to the TCEQ.

B. Beneficial Use: *Discuss how proposed amendment is a beneficial use of the water as defined in TWC § 11.002 and listed in TWC § 11.023. Identify the specific proposed use of the water (e.g., road construction, hydrostatic testing, etc.) for which the amendment is requested.*

Texas Water Code §11.002(4) and 30 TAC §297.1(8) define the beneficial use of water as use "which is economically necessary for a purpose authorized by [Chapter 11 of the Texas Water Code]." Certificate of Adjudication (CA) 12-3761, as granted, authorizes the diversion of surface water for municipal use; this authorization is utilized in a beneficial manner to meet the municipal water needs within the service area of the City of Cameron as well as a small number of adjacent water systems. The proposed amendment does not seek a new appropriation of surface water, but rather to add a diversion reach and associated surface water diversion infrastructure at a stable upstream location due to concerns with potential future loss of surface water access associated with channel migration. This amendment is therefore intended to allow continuation of an existing beneficial use of surface water.

C. Public Welfare: *Explain how proposed amendment is not detrimental to the public welfare. Consider any public welfare matters that might be relevant to a decision on the application. Examples could include concerns related to the well-being of humans and the environment.*

The City of Cameron uses the water permitted under CA 12-3761 to meet municipal demands within its service area as well as provide water to a small number of adjacent municipal systems including North Milam Water Supply Corporation (WSC) and Salem Elm Ridge WSC. Cameron is not seeking a new appropriation of surface water, an increased diversion rate, or a change in authorized use type or location, and the proposed additional diversion reach is in close proximity to the existing diversion site. This makes environmental impacts or impacts to environmental flow standard compliance unlikely to occur. Additionally, by addressing potential future loss of surface water supply due to channel migration, the proposed amendment will benefit public welfare.

D. **Groundwater Effects:** *Discuss effects of proposed amendment on groundwater or groundwater recharge.*

The proposed amendment application will not cause adverse impacts to groundwater resources. The proposed amendment relates to diversion and use of surface water and does not seek authorization to withdraw groundwater or to convey groundwater using the bed and banks of a state watercourse. The City of Cameron is authorized under CA 12-3761 to divert up to 2,792 acre-feet per annum of surface water and is seeking an amendment to its right to facilitate long-term continued access to this previously authorized supply. The continued utilization of surface water could potentially reduce or delay the future need to utilize increased supplies from groundwater or other sources.

E. **State Water Plan:** *Describe how proposed amendment addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement.*

This application is consistent with the 2021 Brazos G Regional Water Plan (RWP), adopted by the Brazos G Regional Water Planning Group on October 28, 2020. The run-of-river surface water supply associated with CA 12-3761 is reflected in the RWP as a component of existing surface water availability. Additionally, the Brazos G Regional Water Planning Group included the City of Cameron's proposed surface water intake relocation as a recommended future Water Management Strategy in their 2021 RWP. A summary of the strategy is included in Volume II, Section 13.3.21 of the RWP document on pages 13-50 and 13-51, an excerpt of which is included as an addendum accompanying the amendment application. The proposed amendment does not increase the permitted supply volume, but instead adds operational reliability to the Cameron's water supply.

F. **Waste Avoidance:** *Provide evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined in TWC § 11.002. Examples of evidence could include, but are not limited to, a water conservation plan or, if required, a drought contingency plan, meeting the requirements of 30 TAC Chapter 288.*

The City of Cameron's Water Conservation Plan (WCP) and Drought Contingency Plan (DCP) are included with this application as an addendum to Worksheet 6.0. These documents include the elements required by TCEQ. The WCP includes components related to reducing per-capita water consumption, reducing the loss and waste of water, and improving efficiency in the use of water. Cameron's compliance with the measures within its adopted WCP and DCP will promote conservation and avoidance of waste.

G. **Impacts on Water Rights or On-stream Environment:** *Explain how proposed amendment will not impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.*

The proposed amendment seeks to add a diversion reach and does not seek to increase the amount of water currently authorized to be diverted, the maximum rate at which water is diverted for the right, or the purpose or place of use. Modeling analysis of potential impacts of

the proposed amendment on other water rights was performed using the February 2018 version of the Brazos River and San Jacinto-Brazos Coastal Basin Water Availability Model (WAM), full authorization scenario. The proposed amendment did not demonstrate an increase in mean shortage greater than 1 ac-ft or a decrease in reliability greater than 0.15 percentage points for any right included in the model. Additionally, CA 12-3760, which is located between the existing diversion point and proposed reach and is junior in priority to CA 12-3761, did not demonstrate a modeled change to mean shortage, period reliability, or volume reliability. Impacts to this and other water rights in the basin are therefore de minimis. Details of the No Injury Analysis are included as an attachment to the *Supplement to Application for Water Right Amendment* document submitted as part of the application to amend CA 12-3761.

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WORKSHEET 2.0
Impoundment/Dam Information

This worksheet **is required** for any impoundment, reservoir and/or dam. Submit an additional Worksheet 2.0 for each impoundment or reservoir requested in this application.

If there is more than one structure, the numbering/naming of structures should be consistent throughout the application and on any supplemental documents (e.g. maps).

1. Storage Information (Instructions, Page. 21)

a. Official USGS name of reservoir, if applicable: N/A

b. Provide amount of water (in acre-feet) impounded by structure at normal maximum operating level: 10 .

c. The impoundment is on-channel X or off-channel _____ (mark one)

i. Applicant has verified on-channel or off-channel determination by contacting Surface Water Availability Team at (512) 239-4600? **Y** / **N** Y

ii. If on-channel, will the structure have the ability to pass all State Water inflows that Applicant does not have authorization to impound? **Y** / **N** Y

d. Is the impoundment structure already constructed? **Y** / **N** N

i. For already constructed **on-channel** structures:

1. Date of Construction: N/A

2. Was it constructed to be an exempt structure under TWC § 11.142? **Y** / **N** N/A
   a. If Yes, is Applicant requesting to proceed under TWC § 11.143? **Y** / **N** N/A
   b. If No, has the structure been issued a notice of violation by TCEQ? **Y** / **N** N/A

3. Is it a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure? **Y** / **N** N/A
   a. If yes, provide the Site No. N/A and watershed project name N/A ;
   b. Authorization to close "ports" in the service spillway requested? **Y** / **N** N/A

ii. For **any** proposed new structures or modifications to structures:

1. Applicant **must** contact TCEQ Dam Safety Section at (512) 239-0326, *prior to submitting an Application.* Applicant has contacted the TCEQ Dam Safety Section regarding the submission requirements of 30 TAC, Ch. 299? **Y** / **N** Y
   Provide the date and the name of the Staff Person May 5, 2021 - Lisa Bishop

2. As a result of Applicant's consultation with the TCEQ Dam Safety Section, TCEQ has confirmed that:
   a. No additional dam safety documents required with the Application. **Y** / **N** Y
   b. Plans (with engineer's seal) for the structure required. **Y** / **N** N
   c. Engineer's signed and sealed hazard classification required. **Y** / **N** N
   d. Engineer's statement that structure complies with 30 TAC, Ch. 299 Rules required. **Y** / **N** N

3. Applicants **shall** give notice by certified mail to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir to be constructed, will be located. (30 TAC § 295.42). Applicant must submit a copy of all the notices and certified mailing cards with this Application. Notices and cards are included? **Y / N** N

iii. Additional information required for **on-channel** storage:

1. Surface area (in acres) of on-channel reservoir at normal maximum operating level: TBD - see Supplemental Report.

2. Based on the Application information provided, Staff will calculate the drainage area above the on-channel dam or reservoir. If Applicant wishes to also calculate the drainage area they may do so at their option.
Applicant has calculated the drainage area. **Y/N** N
If yes, the drainage area is _____ sq. miles.
(If assistance is needed, call the Surface Water Availability Team prior to submitting the application, (512) 239-4600).

2. Structure Location (Instructions, Page. 23)

a. On Watercourse (if on-channel) (USGS name): Little River

b. Zip Code: 76520

c. In the Daniel Monroe Original Survey No. N/A, Abstract No. 38, Milam County, Texas.

**** A copy of the deed(s) with the recording information from the county records must be submitted describing the tract(s) that include the structure and all lands to be inundated.***

*****If the Applicant is not currently the sole owner of the land on which the structure is or will be built and sole owner of all lands to be inundated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.***

d. A point on the centerline of the dam (on-channel) or anywhere within the impoundment (off-channel) is:
Between Latitude 30.826010 °N, Longitude 96.970454 °W and
Latitude 30.832281 °N, Longitude 96.965432 °W.

****Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places***

di. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): GIS

dii. Map submitted which clearly identifies the Impoundment, dam (where applicable), and the lands to be inundated. See instructions Page. 15. **Y / N** N

7

WORKSHEET 3.0
DIVERSION POINT (OR DIVERSION REACH) INFORMATION

This worksheet **is required** for each diversion point or diversion reach. Submit one Worksheet 3.0 for **each** diversion point and two Worksheets for **each** diversion reach (one for the upstream limit and one for the downstream limit of each diversion reach).

The numbering of any points or reach limits should be consistent throughout the application and on supplemental documents (e.g. maps).

1. Diversion Information (Instructions, Page. 24)

a. This Worksheet is to add new (select 1 of 3 below):

1. ____Diversion Point No.
2. 1a Upstream Limit of Diversion Reach No.
3. ____Downstream Limit of Diversion Reach No.

b. Maximum Rate of Diversion for **this new point** 5.11 cfs (cubic feet per second) or 2,300 gpm (gallons per minute)

c. Does this point share a diversion rate with other points? **Y** / **N** Y
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches* 5.11 cfs or 2,300 gpm

d. For amendments, is Applicant seeking to increase combined diversion rate? **Y** / **N** N

*** An increase in diversion rate is considered a new appropriation and would require completion of Section 1, New or Additional Appropriation of State Water.*

e. Check (√) the appropriate box to indicate diversion location and indicate whether the diversion location is existing or proposed):

Check one		Write: Existing or Proposed
	Directly from stream	
X	From an on-channel reservoir	Proposed
	From a stream to an on-channel reservoir	
	Other method (explain fully, use additional sheets if necessary)	

f. Based on the Application information provided, Staff will calculate the drainage area above the diversion point (or reach limit). If Applicant wishes to also calculate the drainage area, you may do so at their option.

Applicant has calculated the drainage area. **Y** / **N** N

If yes, the drainage area is_____sq. miles.
(*If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application*)

2. Diversion Location (Instructions, Page 25)

a. On watercourse (USGS name): Little River

b. Zip Code: 76520

c. Location of point: In the Daniel Monroe Original Survey No. N/A, Abstract No. 38, Milam County, Texas.

A copy of the deed(s) with the recording information from the county records must be submitted describing tract(s) that include the diversion structure.

For diversion reaches, the Commission cannot grant an Applicant access to property that the Applicant does not own or have consent or a legal right to access, the Applicant will be required to provide deeds, or consent, or other documents supporting a legal right to use the specific points when specific diversion points within the reach are utilized. Other documents may include, but are not limited to: a recorded easement, a land lease, a contract, or a citation to the Applicant's right to exercise eminent domain to acquire access.

d. Point is at:

Latitude 30.826010 °N, Longitude 96.970454 °W.

Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

e. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): GIS

f. Map submitted must clearly identify each diversion point and/or reach. See instructions Page. 38.

g. If the Plan of Diversion is complicated and not readily discernable from looking at the map, attach additional sheets that fully explain the plan of diversion.

WORKSHEET 3.0
DIVERSION POINT (OR DIVERSION REACH) INFORMATION

This worksheet **is required** for each diversion point or diversion reach. Submit one Worksheet 3.0 for **each** diversion point and two Worksheets for **each** diversion reach (one for the upstream limit and one for the downstream limit of each diversion reach).

The numbering of any points or reach limits should be consistent throughout the application and on supplemental documents (e.g. maps).

1. Diversion Information (Instructions, Page. 24)

a. This Worksheet is to add new (select 1 of 3 below):

1. ____Diversion Point No.
2. ____Upstream Limit of Diversion Reach No.
3. 1b Downstream Limit of Diversion Reach No.

b. Maximum Rate of Diversion for **this new point** 5.11 cfs (cubic feet per second)
or 2,300 gpm (gallons per minute)

c. Does this point share a diversion rate with other points? **Y** / **N** Y
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches* 5.11 cfs or 2,300 gpm

d. For amendments, is Applicant seeking to increase combined diversion rate? **Y** / **N** N

*** An increase in diversion rate is considered a new appropriation and would require completion of Section 1, New or Additional Appropriation of State Water.*

e. Check (√) the appropriate box to indicate diversion location and indicate whether the diversion location is existing or proposed):

Check one		Write: Existing or Proposed
	Directly from stream	
X	From an on-channel reservoir	Proposed
	From a stream to an on-channel reservoir	
	Other method (explain fully, use additional sheets if necessary)	

f. Based on the Application information provided, Staff will calculate the drainage area above the diversion point (or reach limit). If Applicant wishes to also calculate the drainage area, you may do so at their option.

Applicant has calculated the drainage area. **Y** / **N** N

If yes, the drainage area is_____sq. miles.
(*If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application*)

2. Diversion Location (Instructions, Page 25)

a. On watercourse (USGS name): Little River

b. Zip Code: 76520

c. Location of point: In the Daniel Monroe Original Survey No. N/A, Abstract No. 38, Milam County, Texas.

A copy of the deed(s) with the recording information from the county records must be submitted describing tract(s) that include the diversion structure.

For diversion reaches, the Commission cannot grant an Applicant access to property that the Applicant does not own or have consent or a legal right to access, the Applicant will be required to provide deeds, or consent, or other documents supporting a legal right to use the specific points when specific diversion points within the reach are utilized. Other documents may include, but are not limited to: a recorded easement, a land lease, a contract, or a citation to the Applicant's right to exercise eminent domain to acquire access.

d. Point is at:
Latitude 30.832281 °N, Longitude 96.965432 °W.
Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

e. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): GIS

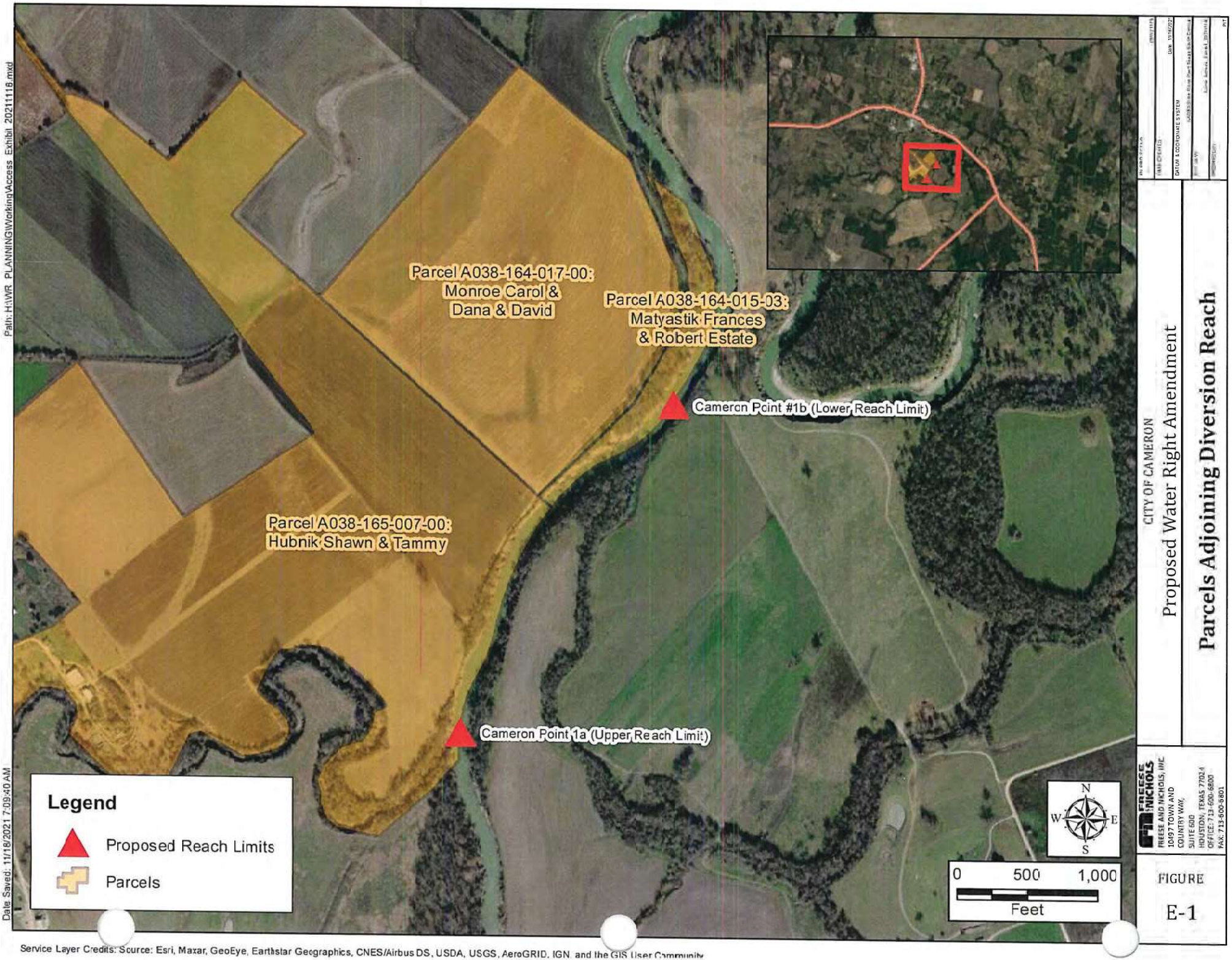
f. Map submitted must clearly identify each diversion point and/or reach. See instructions Page. 38.

g. If the Plan of Diversion is complicated and not readily discernable from looking at the map, attach additional sheets that fully explain the plan of diversion.

Addendum E:
Diversion Reach Access Documentation
(Addendum to Worksheet 3.0)

Document E-1

Parcels Adjoining Diversion Reach



Path: H:\WR_PLANNING\WorkingAccess_Exhibit_20211118.mxd

Date Saved: 11/18/2021 7:09:40 AM

CITY OF CAMERON

Proposed Water Right Amendment

Parcels Adjoining Diversion Reach

FREESE AND NICHOLS, INC
10497 TOWN AND COUNTRY WAY,
SUITE 600
HOUSTON, TEXAS 77024
OFFICE: 713-600-6800
FAX: 713-600-6801

FIGURE

E-1

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Document E-2

Statutory Basis of Eminent Domain Authority

LOCAL GOVERNMENT CODE

TITLE 8. ACQUISITION, SALE, OR LEASE OF PROPERTY

SUBTITLE A. MUNICIPAL ACQUISITION, SALE, OR LEASE OF PROPERTY

CHAPTER 251. MUNICIPAL RIGHT OF EMINENT DOMAIN

Sec. 251.001. RIGHT OF EMINENT DOMAIN. (a) When the governing body of a municipality considers it necessary, the municipality may exercise the right of eminent domain for a public use to acquire public or private property, whether located inside or outside the municipality, for any of the following uses:

(1) the providing, enlarging, or improving of a municipally owned city hall; police station; jail or other law enforcement detention facility; fire station; library; school or other educational facility; academy; auditorium; hospital; sanatorium; market house; slaughterhouse; warehouse; elevator; railroad terminal; airport; ferry; ferry landing; pier; wharf; dock or other shipping facility; loading or unloading facility; alley, street, or other roadway; park, playground, or other recreational facility; square; water works system, including reservoirs, other water supply sources, watersheds, and water storage, drainage, treatment, distribution, transmission, and emptying facilities; sewage system including sewage collection, drainage, treatment, disposal, and emptying facilities; electric or gas power system; cemetery; and crematory;

(2) the determining of riparian rights relative to the municipal water works;

(3) the straightening or improving of the channel of any stream, branch, or drain;

(4) the straightening, widening, or extending of any alley, street, or other roadway; and

(5) any other municipal public use the governing body considers advisable.

(b) A municipality condemning land under this section may take a fee simple title to the property if the governing body expresses the intention to do so.

Acts 1987, 70th Leg., ch. 149, Sec. 1, eff. Sept. 1, 1987.
Amended by:

Acts 2011, 82nd Leg., R.S., Ch. 81 (S.B. 18), Sec. 3, eff. September 1, 2011.

Sec. 251.002. PROCEDURE. An exercise of the power of eminent domain granted by this chapter is governed by Chapter 21 of the Property Code.

Acts 1987, 70th Leg., ch. 149, Sec. 1, eff. Sept. 1, 1987.

Document E-3

Matyastik Property Documentation

WARRANTY DEED

14350

THE STATE OF TEXAS X
X KNOW ALL MEN BY THESE PRESENTS
COUNTY OF MILAM X

That the **City of Cameron, Texas**, a municipal corporation, situated in said County and State, acting herein by and through its duly authorized Mayor, for the consideration hereinafter described (and the adequacy of which is hereby acknowledged), has GRANTED, SOLD AND CONVEYED, and by these presents does GRANT, SELL AND CONVEY unto **Robert L. Matyastik**, of the County of Milam and State of Texas, all its right, title, interest and estate in and to real estate described as follows:

> All that certain tract or parcel of land out of the D. Monroe Grant in Milam County, Texas, and being a part of the 135-1/5 and 53 acre tracts conveyed by N. Cass to M. M. Kemp, and including the entire river front of said two tracts, and being a strip extending from the channel of said river to a point on the bank where the upper line of the Water Works Company's tract strikes the river;
>
> THENCE with said upper line to a point 75 feet from the top of the river bank;
>
> THENCE up the river with its meanders on a line 75 feet from the top of the bank, to the line of W. H. Tucker's tract;
>
> THENCE with Tucker's line to the channel of the river;
>
> THENCE with the channel or stream of Little River to the place of beginning, said description being taken from the deed from M. M. Kemp to Cameron Water Power & Light Company dated January 27, 1901; of record in Book 56, on Page 227, of the Milam County Deed Records, and subsequently conveyed as "Tract Four" by Community Public Service Company to the City of Cameron, Texas, by Deed dated June 15, 1950, recorded in Volume 269, Page 175, Deed Records of said County.

TO HAVE AND TO HOLD the above described premises, together with all and singular the rights and appurtenances thereto in anywise belonging unto the said **Robert L. Matyastik,** his heirs and assigns, forever.

VOL 688 PAGE 42
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

The consideration for this conveyance is the following: Robert L. Matyastik and wife, Frankie Matyastik have executed and delivered a Deed of even date whereby they convey unto the City of Cameron, Texas, a 3.725 acres tract out of the Daniel Monroe Survey, A-38, in Milam County, Texas, abutting City property on the West bank of Little River, whereon the City's water works intake structure is located. Because this structure is jeopardized by river bank erosion the City is compelled to relocate the same onto the 3.725 acres tract.

EXECUTED this the 16th day of March, 1994.

CITY OF CAMERON, TEXAS

BY: James E. Lafferty
JAMES E. LAFFERTY, MAYOR

ATTEST:

Lanny C. French
LANNY C. FRENCH, CITY SECRETARY

Mailing address of Grantors:	Mailing address of Grantee:
Name: **City of Cameron, Texas**	Name: **Robert L. Matyastik**
Address: P. O. Box 833 Cameron, TX 76520	Address: 310 S. Crockett Cameron, TX 76520

STATE OF TEXAS
COUNTY OF MILAM

This instrument was acknowledged before me on the 16th day of March, 1994, by **James E. Lafferty**, as Mayor of the City of Cameron, Texas, a municipal corporation.

Debbie Morehead
NOTARY PUBLIC, STATE OF TEXAS

DEBBIE MOREHEAD
NOTARY PUBLIC
STATE OF TEXAS
Commission Expires 6-12-97

688 43
VOL. PAGE
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

THE STATE OF TEXAS

COUNTY OF MILAM

CITY OF CAMERON

I, **Lanny C. French,** City Secretary, City of Cameron, Texas, a municipal corporation, do hereby certify that at a regular meeting of the City Council of the City of Cameron, Texas, (a quorum being present) held at the City Hall, Cameron, Texas on March ~~14~~ 7, 1994, the following action occurred: Councilperson Kelm made a motion that the Resolution hereinafter set forth be adopted; Councilperson Green duly seconded such Motion, and same, when put to vote, prevailed by unanimous vote. The Resolution as so adopted reads as follows:

VOL 688 PAGE 44
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

RESOLUTION

WHEREAS, the City's water works intake structure located on the West bank of Little River, East of Cameron, is seriously jeopardized by excessive river bank erosion to the extent and degree that the City is compelled to move and relocate the structure to a safer site; and

WHEREAS, the most desirable site is a 3.725 acres tract abutting the City's property on the West, a part of a called 25 acres tract out of the D. Monroe Survey, owned by Robert L. Matyastik; and

WHEREAS, the City owns a strip of land 75 feet in width extending along the West bank of Little River South from the City's water works property to Robert L. Matyastik's Southwest property line, a distance of approximately 4350 feet, and which strip Council has determined is redundant to the present and future requirements of the City's water system; and

WHEREAS, the City (through its representatives) and Robert L. Matyastik have agreed as follows:

1) Matyastik (joined by his wife) will convey to the City a 3.725 acres tract out of the Northeast corner of his 25 acres tract, abutting the City's property on the West bank of Little River, and as described in a Survey of such 3.725 acres tract made by Stephen D. Jarrard, R.P.L.S., on July 13, 1993.

2) Simultaneously, and in exchange for the 3.725 acres tract, the City will convey to Robert L. Matyastik all of its right, title, interest, and estate in the 75 foot strip of land situated between Matyastik's East property line and the West bank of Little River.

3) At the same time, the City will execute and deliver to Robert L. Matyastik an appropriate access easement covering East Gillis Street (the right of way for which is owned in fee by the City) to it it's terminus at or near the Northeast corner of the 3.725 acres tract; and THENCE over an existing graveled road in a Southwesterly direction across the City's property approximately 500 feet to point of termination in Matyastik's Northeast property line. **THEREFORE**,

BE IT RESOLVED, that the Mayor is hereby authorized to consummate the agreement set out above by accepting delivery, in behalf of the City, of the executed Deed from Robert L. Matyastik and wife, Frankie Matyastik, conveying the 3.725 acres tract herein mentioned; to execute and deliver for and in behalf of the City of Cameron a Deed to Robert L. Matyastik, conveying the City's right, title, interest and estate in the 75 foot strip herein mentioned; and to execute and deliver for and in behalf of the City of Cameron an Easement (providing rights of ingress and egress over and across City property) to Robert L. Matyastik, as herein mentioned.

I further certify that the above is a full, true and correct copy of such Resolution, as finally adopted, and as same now appears of record in the Official Minutes of said City, and that I am the legal custodian and possessor of such Records.

WITNESS my hand and official seal of said City at my Office in the City of Cameron, Texas, on this the 7TH day of March, 1994.

CITY OF CAMERON TEXAS

City Secretary

FILED FOR RECORD
4:15 o'clock P M
16 day of Mar 1994
LA VERNE SOEFJE
County Clerk, Milam County, Texas
By Trish Vargas
Deputy

STATE OF TEXAS }
COUNTY OF MILAM }

I, LA VERNE SOEFJE, Clerk of the County Court of Milam County, Texas, do hereby certify that the foregoing instrument of writing was duly recorded this 16 day of March A.D., 1994, at 5 o'clock P. M, in the Official Records of said County, in Volume 688, Page 42

14350

Any provisions herein which restricts the sale, rental or use of the described real property because of color or race is invalid and unenforceable under Federal Law.

Witness my hand and seal of the County Court of said County at Office in Cameron on the day of the year last above written.

By Barbara Vansa Deputy.
BARBARA VANSA

LA VERNE SOEFJE
Clerk County Court, Milam County, Texas

COUNTY COURT

688 46
VOL PAGE
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

17.00K

47703

SPECIAL WARRANTY DEED

THE STATE OF TEXAS §
§ KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF MILAM §

THAT I, ROBERT L. MATYASTIK , hereinafter referred to as "Grantor," whether one or more, for and in consideration of the sum of TEN AND NO/100THS DOLLARS ($10.00), cash and other good and valuable consideration paid by the ROBERT L. MATYASTIK AND FRANCES E. MATYASTIK REVOCABLE LIVING TRUST, hereinafter called "Grantee," whose address is 310 S. Crockett Avenue, Cameron, Texas 76520, have Granted, Sold and Conveyed, and by these presents does GRANT, SELL AND CONVEY unto the said Grantee, all of that certain tract, piece, or parcel of land lying and being situated in MILAM County, TEXAS, to-wit:

All that certain tract or parcel of land out of the D. Monroe Grant in Milam County, Texas, and being a part of the 135-1/5 and 53 acre tracts conveyed by N. Cass to M. M. Kemp, and including the entire river front of said two tracts, and being a strip extending from the channel of said river to a point on the bank where the upper line of the Water Works Company's tract strikes the river;

THENCE with said upper line to a point 75 feet from the top of the river bank;

THENCE up the river with its meanders on a line 75 feet from the top of the bank, to the line of W. H. Tucker's tract;

THENCE with Tucker's line to the channel of the river;

THENCE with the channel or stream of Little River to the place of beginning, said description being taken from the deed from M. M. Kemp to Cameron Water Power & Light Company dated January 27, 1901; of record in Book 56, on Page 227, of the Milam County Deed Records, and subsequently conveyed as "Tract Four" by Community Public Service Company to the City of Cameron, Texas, by Deed dated June 15, 1950, recorded in Volume 269, Page 175, Deed Records of said County.

TO HAVE AND TO HOLD the above-described premises, together with all and singular the rights, hereditaments, and appurtenances thereunto in any manner belonging unto the said Grantee, Grantee's heirs and assigns forever, and Grantor does hereby bind Grantor, Grantor's heirs, executors and administrators to warrant and forever defend, all and singular the same unto the said Grantee, Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same, or any part thereof, by, through, and under Grantor, but not otherwise.

This conveyance is made subject to all and singular the restrictions, easements, and covenants, if any, applicable to and enforceable against the above described property as shown by the records of said MILAM County, TEXAS.

When this deed is executed by more than one person, or when the Grantee is more than one person, the instrument shall read as though pertinent verbs, nouns, and pronouns were changed correspondingly, and when executed by or to a corporation or other entity other than a natural person, the words, "heirs, executors and administrators" or "heirs and assigns" shall be construed to mean "successors and assigns."

Executed this 22 day of Sept, 2000.

Robert L. Matyastik
ROBERT L. MATYASTIK

VOL. 826 PAGE 225
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

THE STATE OF TEXAS §
§
COUNTY OF MILAM §

This document was acknowledged before me on this 22 day of June 20 00, by the said ROBERT L. MATYASTIK.

Notary Public, State of Texas

Printed or Typed Name of Notary Public:
Christopher B Conaway

Commission Expires: 7-22-2003

Prepared by:
Law Offices of Jeffrey R. Hacker
16801 Addison Rd. Ste. 247
Dallas, TX 75248

After recording please return to:
Mr. Robert L. Matyastik
310 S. Crockett Avenue
Cameron, Texas 76520

CLERK'S NOTICE: ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE, IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW.

FILED
AT 3:15 O'CLOCK P M
ON THE 7 DAY OF Aug
A.D., 2000

La Verne Soefje
COUNTY CLERK, MILAM COUNTY, TEXAS
BY Joan Pratt DEPUTY

STATE OF TEXAS
COUNTY OF MILAM
I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly RECORDED in the Volume and Page of the Official Records of Milam County, Texas.

La Verne Soefje
County Clerk, Milam County, Texas
VOL 826 PAGE 225
RECORDED 8-9-00 @ 3:00 P
BY Joan Pratt DEPUTY

JOAN PRATT

VOL 826 PAGE 226
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

11K

Document E-4

Monroe Property Documentation

102206

DO NOT PUBLISH

AFFIDAVIT OF HEIRSHIP

THE STATE OF TEXAS)(
COUNTY OF MILAM)(

BEFORE ME, the undersigned authority, on this day personally appeared Carol Jane Monroe, Rebecca Goeke and Betty Gene Burnett Being first duly sworn, each on his respective oath deposed and said as follows:

We are each familiar with the family history of Dana F. Monroe, Deceased. Dana F. Monroe died with a will on or about September 23, 2007, at the age of 85 years. The original Will is attached hereto. At the time of his death, Dana F. Monroe was a permanent resident of Milam County, Texas.

The said Dana F. Monroe was married one time and one time only, that being to Lucile Stedman Monroe. The marriage ended with the death of Lucile Stedman Monroe who died on May 27, 2002.

There were three children and three children only born to Dana F. Monroe. These children are Carol Jane Monroe, Dana E. (Danny) Monroe and David Mark Monroe. They were all born to the marriage of Dana F. Monroe and Lucile Stedman Monroe. No children were ever adopted by the said Dana F. Monroe, nor were any children taken into the home of Dana F. Monroe with the understanding of adoption.

At the death of Dana F. Monroe, his sole heirs at law were and are his three children, Carol Jane Monroe, Dana E. (Danny) Monroe and David Mark Monroe.

Dana F. Monroe's estate is not large enough to require the payment of any estate or inheritance taxes. All debts associated with his estate have been paid. There is no need to administer said estate.

SIGNED, acknowledged and sworn to this the 9 day of October, 2007.

Carol Jane Monroe
Carol Jane Monroe

Rebecca Goeke

Betty Gene Burnett

STATE OF TEXAS
COUNTY OF MILAM

This instrument was signed, sworn to and acknowledged before me on the 9 day of October, 2007, by Carol Jane Monroe.

Notary Public, State of Texas

ROSELYNN C. PARKER
NOTARY PUBLIC
STATE OF TEXAS
My Commission Expires 10-15-2009

(Notary's Name, Printed)
My commission expires:_____

VOL. 1057 PAGE 104
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

STATE OF TEXAS
COUNTY OF MILAM

This instrument was signed, sworn to and acknowledged before me on the 9 day of October, 2007, by Rebecca Goeke.

Notary Public, State of Texas

(Notary's Name, Printed)
My commission expires:_____

ROSELYNN C. PARKER
NOTARY PUBLIC
STATE OF TEXAS
My Commission Expires 10-15-2009

STATE OF TEXAS
COUNTY OF MILAM

This instrument was signed, sworn to and acknowledged before me on the 11 day of October, 2007, by Betty Gene Burnett

Notary Public, State of Texas

(Notary's Name, Printed)
My commission expires:_____

ROSELYNN C. PARKER
NOTARY PUBLIC
STATE OF TEXAS
My Commission Expires 10-15-2009

PREPARED IN THE LAW OFFICE OF:

Mark M. Humble
P. O. Drawer 1107
Cameron, Texas 76520
254/697-3454

VOL. 1057 PAGE 105
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

THE STATE OF TEXAS)
)
COUNTY OF MILAM)

KNOW ALL MEN BY THESE PRESENTS:

That I, Dana F. Monroe, of the County of Milam, State of Texas, being of sound and disposing mind, memory and understanding, and above the age of eighteen (18) years, realizing the uncertainty of human life and desiring to make a disposition of my worldly goods and estate to take place upon my death, do hereby make, publish and declare this to be my LAST WILL AND TESTAMENT, hereby revoking any and all other wills or codicils by me at any time heretofore made, and I provide as follows, to-wit:

I.

I direct that my body be buried in a decent and Christian manner, suitable to my circumstances and condition in life.

II.

I hereby direct that all of my respective debts, including expenses of last illness, funeral expenses and the necessary expenses incident to the probate of my will, shall be paid by my executor, hereinafter named, as soon after my death as can conveniently be done.

III.

All of my separate property and my one-half interest which I own as community property at the time of death, or in which I have an interest, of whatsoever kind and character, and wheresoever situated, I give, devise and bequeath to my children Dana E. (Danny) Monroe, Carol Jane Monroe and David Mark Monroe, equally, share and share alike.

IV.

I hereby name, nominate, constitute and appoint my son, Dana E. (Danny) Monroe, Independent Executor of this my will and estate. I provide that my executor shall not be required to give bond or other security and that no other action shall be had in the Probate Court respecting my estate than the probating and

SIGNED FOR IDENTIFICATION:

Dana F. Monroe

Dana F. Monroe

recording of this will and the return of statutory inventory, appraisement and list of claims. I hereby invest my executor with all powers given to Trustees under the Texas Trust Act and any future amendments thereto.

This I make, publish and declare to be my LAST WILL AND TESTAMENT, hereunto signing and subscribing my name, this the 7th day of July, A.D. 1989, in the presence of Judy Kopriva and Doris Gamble, who attest the same at my request.

Dana F. Monroe - Testator

The foregoing instrument was now here published as his LAST WILL AND TESTAMENT, and signed and subscribed by Dana F. Monroe, the testator, in our presence, and we, at his request, in his presence, and in the presence of each other sign and subscribe our names as attesting witnesses.

VOL. 1057 PAGE 107
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

SIGNED FOR IDENTIFICATION:

Dana F. Monroe

THE STATE OF TEXAS X
X KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF MILAM X

BEFORE ME, the undersigned authority, a Notary Public in and for the State of Texas, on this day personally appeared Dana F. Monroe, Judy Kopriva and Doris Gamble known to me to be the Testator and the witnesses, respectively, whose names are subscribed to the annexed or foregoing instrument in their respective capacities, and all of said persons, being by me duly sworn, the said Testator, Dana F. Monroe, declared to me and to the said witnesses in my presence that said instrument is his LAST WILL AND TESTAMENT and that he had willingly made and executed it as his free act and deed for the purposes therein expressed; and the said witnesses, each on their oath stated to me, in the presence and hearing of the said Testator that the said Testator had declared to them that said instrument is his LAST WILL AND TESTAMENT, and that he executed same as such and wanted each of them to sign it as a witness; and upon their oaths each witness stated further that they did sign the same as witnesses in the presence of the said Testator and at his request; that he was at that time eighteen (18) years of age or over and was of sound mind; and that each of said witnesses was then at least fourteen (14) years of age.

Dana F. Monroe
Dana F. Monroe - Testator

Judy Kopriva
Witness

Doris Gamble
Witness

SUBSCRIBED AND ACKNOWLEDGED BEFORE ME by the said Dana F. Monroe, Testator, and subscribed and sworn to before me by the said Judy Kopriva and Doris Gamble, witnesses, this the 7th day of July, 1989.

Ed P. Magre
Notary Public, State of Texas.
Notary's Printed Name:
Ed P. Magre

My commission expires:
12/31/92

VOL. 1057 PAGE 108
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

SIGNED FOR IDENTIFICATION:
Dana F. Monroe
Dana F. Monroe

CLERK'S NOTICE: ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE, IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW.

FILED
AT 9:20 O'CLOCK A M
ON THE 11 DAY OF Oct
A.D., 20 07

Barbara Vansa
COUNTY CLERK, MILAM COUNTY, TEXAS
BY Joan Piatt DEPUTY

STATE OF TEXAS
COUNTY OF MILAM
I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly RECORDED in the Volume and Page of the Official Records of Milam County, Texas.

Barbara Vansa
County Clerk, Milam County, Texas
VOL. 1057 PAGE 104
RECORDED 10-11-07 @ 9:00A
BY Joan Piatt DEPUTY

VOL. 1057 PAGE 109
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

M. HUMBLE

Document E-5

Hubnik Property Documentation

DO NOT PUBLISH 6672

Texas Country Title
112 West Second Street
P.O. Box 663
Cameron, Texas 76520 M110449

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

THE STATE OF TEXAS)
COUNTY OF MILAM)

OWELTY DEED WITH THIRD PARTY LIEN

DATE: June 14, 2012

GRANTOR: Lennice McAdams, not joined by spouse, as the within property is her separate property and estate and forms no part of her homestead or that of her spouse
18441 Wolf Creek Trial, Humble, Harris County, Texas 77346

GRANTOR: David William Loeve, a single man
517 W. 7th Street, Taylor, Williamson County, Texas 76474

GRANTOR: Brenda Louise Rekieta, a single woman
731 CR 222, Cameron, Milam County, Texas 76520

GRANTOR: Bonnie Loeve, a single woman
3400 North Travis, Apt. #7, Cameron, Milam County, Texas 76520

GRANTEE: Shawn Hubnik and wife, Tammy Hubnik
1502 CR 214, Cameron, Milam County, Texas 76520

CONSIDERATION:

Ten Dollars ($10.00) cash and the execution and delivery by the Grantee herein of Grantee's one certain promissory note of even date herewith in the principal sum of Four Hundred Forty-Nine Thousand Seven Hundred Fifty and no/100 DOLLARS ($449,750.00) payable to the order of Classic Bank, National Association, in installments and bearing interest as therein provided, containing the usual clauses providing for acceleration of maturity and for attorney's fees, the payment of which note is secured by the Owelty Lien and Superior Title herein retained, and is additionally secured by a Deed of Trust of even date herewith to Richard Earl Williams, Jr., Trustee.

PROPERTY (INCLUDING ANY IMPROVEMENTS):

All of Grantor's undivided right, title and interest in and to 223.950 acres, more or less, out of the Daniel Monroe Survey, A-38, Milam County, Texas, more particularly described by metes and bounds on Exhibit "A" consisting of 4 page attached hereto and made a part hereof for all purposes.

RESERVATIONS FROM AND EXCEPTIONS TO CONVEYANCE AND WARRANTY:

Easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded restrictions, reservations, covenants, conditions, oil and gas leases, mineral severances, and other instruments other than liens and conveyances, that affect the property; rights of adjoining owners in any walls and fences situated on a common boundary; any discrepancies, conflicts, or shortages in area or boundary lines; any encroachments or overlapping of improvements; taxes for the current year, the payment of which Grantee assumes.

Grantor, for the consideration and subject to the reservations from and exceptions to conveyance and warranty, grants, sells, and conveys to Grantee the property, together with all and singular the rights and appurtenances thereto in any wise belonging, to have and hold it to Grantee, Grantee's heirs, executors, administrators, successors, and assigns forever. Grantor hereby binds Grantor and Grantor's heirs, executors, administrators, and successors to warrant and forever defend all and singular the property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the reservations from and exceptions to warranty.

Grantor and Grantee, owning the within property as tenants in common, desire to effect a partition of the property in order that Grantee own 100% of the property in fee simple. Grantee has arranged to borrow the amount of the note described above from lender in order to acquire the portion of the property hereby conveyed by Grantor to Grantee. Lender is willing to advance that amount provided that the indebtedness is secured by a first and superior owelty lien, superior title and a deed of trust lien, all on the fee simple title in and to 100% of the property. Therefore, it is expressly agreed that the OWELTY LIEN as well as the SUPERIOR TITLE in and to 100% of the property is retained against the within property, premises and improvements until the $449,750.00 note and all interest thereon are fully paid according to the face, tenor, effect and reading thereof, when this Deed shall become absolute.

VOL. 1174 PAGE 589
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

Classic Bank, National Association, at the instance and request of the Grantee herein, having advanced and paid in cash to the Grantor herein that portion of the purchase price of the herein described property as is evidenced by the hereinbefore described note, the Owelty Lien, together with the Superior Title to said property, is retained herein for the benefit of said Classic Bank, National Association, and the same are hereby TRANSFERRED and ASSIGNED to said Classic Bank, National Association, without recourse on Grantor.

Grantee joins in the execution of this conveyance and binds Grantee's heirs, successors and assigns in acceptance of the delivery of this deed. Grantee stipulates to Grantor and lender and each of their respective heirs, successors and assigns the following: (a) the truth and correctness of the recitals herein made and the validity of the Owelty Lien, Superior Title and Deed of Trust lien securing payment of the indebtedness, on the entire fee simple title to the property; (b) the Owelty Lien, Superior Title, and Deed of Trust lien are prior and superior to any right of use, occupancy, and homestead that the Grantee may have or claim in and to the property; (c)the whole fee simple title to the property is vested in Grantee under this deed; and (d) lender has advanced funds to Grantee in reliance on the stipulations, representations, and facts stated in this deed.

When the context requires, singular nouns and pronouns include the plural.

EXECUTED this _____ day of June, 2012.

Lennice McAdams

David William Loeve

Brenda Louise Rekieta

Bonnie Loeve

AGREED:

Shawn Hubnik

Tammy Hubnik

STATE OF TEXAS
COUNTY OF Milam

This instrument was acknowledged before me on the 14th day of June, 2012, by Lennice McAdams.

LORI TOWERY
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-07-2013

Notary Public, State of Texas
Notary's name (Printed):

Notary's commission expires:_____

STATE OF TEXAS
COUNTY OF Milam

This instrument was acknowledged before me on the 15 day of June, 2012, by David William Loeve.

[redacted]ANTHA MARRS
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-11-2013

Notary Public, State of Texas

VOL. 1174 PAGE 590
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

Notary's name (Printed):

Notary's commission expires:

STATE OF TEXAS
COUNTY OF Milam

This instrument was acknowledged before me on the 7 day of June, 2012, by Brenda Louise Rekieta.

SAMANTHA MARES
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-11-2013

Notary Public, State of Texas
Notary's name (Printed):

Notary's commission expires:

STATE OF TEXAS
COUNTY OF Milam

This instrument was acknowledged before me on the 7 day of June, 2012, by Bonnie Loeve.

SAMANTHA MARES
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-11-2013

Notary Public, State of Texas
Notary's name (Printed):

Notary's commission expires:

STATE OF TEXAS
COUNTY OF MILAM

This instrument was acknowledged before me on the 14th day of June, 2012, by Shawn Hubnik.

LORI TOWERY
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-07-2013

Notary Public, State of Texas
Notary's name (Printed):

Notary's commission expires:

STATE OF TEXAS
COUNTY OF MILAM

This instrument was acknowledged before me on the 14th day of June, 2012, by Tammy Hubnik.

LORI TOWERY
NOTARY PUBLIC
STATE OF TEXAS
My Comm. Expires 04-07-2013

Notary Public, State of Texas
Notary's name (Printed):

Notary's commission expires:

PREPARED IN THE LAW OFFICE OF:

Mark M. Humble, Attorney at Law
203 N. Houston Ave.
Cameron, Texas 76520

VOL. 1174 PAGE 591
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

In Re: 223.950 Acres
All of a called 60.67 Acre tract
All of a called 3 Acre tract
All of a called 11.6 Acre tract
All of a called 113.211 Acre tract
All of a called 29.059 Acre tract
Daniel Monroe Survey
Abstract No. 38
Milam County, Texas

All that certain tract or parcel of land situated in Milam County, Texas, being a part of the Daniel Monroe Survey, Abstract No. 38, being all of a called 60.67 Acre tract (First Tract), all of a called 3 Acre tract (Second Tract), all of a called 11.6 Acre tract (Third Tract), all of a called 113.211 Acre tract (Fourth Tract), and all of a called 29.059 Acre tract (Fifth Tract) conveyed from Lennice McAdams, Independent Exuctrix of the Estate of Deborah Kotrola, Deceased to Lennice McAdams, et al by deed dated September 19, 2011 recorded in Volume 1156, Page 369 of the Official Records of Milam County, Texas and being more particularly described by metes and bounds as follows to wit:

BEGINNING at a set 5/8" iron rod on the southeast Right-of-Way line of a 20' Wide Alleyway dedicated by Plat of the Tuckers Addition to the City of Cameron recorded in Volume 27, Page 435 of the Deed Records, at the west corner of the "First Tract" conveyed to Rueben Trevino, et ux in Volume 413, Page 607, for the common north corner of the said 3 Acre tract and of this tract;

THENCE along the common line between the said 3 Acre tract and the said Trevino "First Tract" and the a called 57.93 Acre tract (First Tract) conveyed to Bobby Joseph Lenhert in Volume 762, Page 379 respectively for the following courses and distances:

S 38°36'07" E - 506.57 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 02°25'53" W - 330.83 feet to a set 5/8" iron rod for an interior ell corner of this tract;
S 37°12'07" E - 1127.22 feet to a set 5/8" iron rod on the north line of the said 60.67 Acre tract, at the east corner of the said 3 Acre tract, for an interior ell corner of this tract;

THENCE along the common line between the said 60.67 Acre tract and the said 57.93 Acre tract for the following courses and distances:

N 69°42'53" E - 48.89 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 63°22'07" E - 301.11 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 49°22'07" E - 544.72 feet to a set 5/8" iron rod at the south corner of the said 57.93 Acre tract, at the west corner of the said 11.6 Acre tract, for an interior ell corner of this tract;

THENCE N 41°37'53" E - 813.89 feet along the common line between the said 57.93 Acre tract and the said 11.6 Acre tract to a set 5/8" iron rod at the west corner of a called 10 Acre tract (Third Tract conveyed to Bobby Joseph Lenhert in Volume 762, Page 379, at the north corner of the said 11.6 Acre tract, for an exterior ell corner of this tract;

THENCE S 48°22'07" E - 625.00 feet along the common line between the said 11.6 Acre tract and the said 10 Acre tract to a set 5/8" iron rod on the northwest line of a called 31 ½ Acre tract (Second Tract) conveyed to Bobby Joseph Lenhert in Volume 762, Page 379, at the south corner of the said 10 Acre tract, at the east corner of the said 11.6 Acre tract, for an exterior ell corner of this tract;

THENCE S 41°37'53" W - 813.89 feet along the common line between the said 11.6 Acre tract and the said 31 ½ Acre tract to a set 5/8" iron rod on the northeast line of the said 60.67 Acre tract, at the west corner of the said 31 ½ Acre tract, at the south corner of the said 11.6 Acre tract, for an interior ell corner of this tract;

THENCE S 48°22'07" E - 2959.67 feet along the common line between the said 60.67 Acre tract and the said 31 ½ Acre tract and a called 100 Acre tract conveyed to Carol Jane Monroe, et al in

EXHIBIT A
1 of 4

Volume 1057, Page 104 respectively to a point on the west Gradient Boundary Line of Little River, for the common east corner of the said 60.67 Acre tract and of this tract, from which a set 5/8" iron rod for reference bears: N 48°22'07" W – 25.00 feet;

THENCE along the common line between the said west Gradient Boundary of Little River and the said 60.67 Acre tract and the said 113.21 Acre tract respectively for the following courses and distances:

S 49°27'44" W - 9.80 feet to a point for an interior ell corner of this tract;
S 41°59'37" W - 29.56 feet to a point for an interior ell corner of this tract;
S 29°40'29" W - 42.74 feet to a point for an exterior ell corner of this tract;
S 41°50'02" W - 124.38 feet to a point for an interior ell corner of this tract;
S 35°35'08" W - 88.05 feet to a point for an exterior ell corner of this tract;
S 35°54'48" W - 101.88 feet to a point for an interior ell corner of this tract;
S 26°08'43" W - 180.70 feet to a point for an exterior ell corner of this tract;
S 26°20'57" W - 125.16 feet to a point for an interior ell corner of this tract;
S 03°32'02" W - 151.55 feet to a point for an exterior ell corner of this tract;
S 14°00'47" W - 298.81 feet to a point for an exterior ell corner of this tract;
S 39°50'31" W - 22.27 feet to a point for an interior ell corner of this tract;
S 19°42'40" W - 29.46 feet to a point for an exterior ell corner of this tract;
S 39°26'41" W - 102.62 feet to a point for an interior ell corner of this tract;
S 20°55'30" W - 57.01 feet to a point for an interior ell corner of this tract;
S 00°05'05" W - 40.85 feet to a point for an exterior ell corner of this tract;
S 18°21'26" W - 153.56 feet to a point for an interior ell corner of this tract;
S 14°02'53" W - 168.99 feet to a point for an interior ell corner of this tract;
S 09°15'23" W - 150.86 feet to a point for an interior ell corner of this tract;
S 05°53'41" E - 180.36 feet to a point for an interior ell corner of this tract;
S 10°08'06" E - 22.01 feet to a point at the northeast corner of a called 512.647 Acre tract conveyed to Melvin Poldrack, et al in Volume 1045, Page 145, for an exterior ell corner of this tract from which a set 5/8" iron rod for reference bears: S 38°53'11" W – 50.00 feet;

THENCE along the common line between the said 113.21 Acre tract and the said 512.647 Acre tract for the following courses and distances:

S 38°53'11" W - 238.10 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 51°55'11" W - 104.71 feet to a found ½" iron rod for an interior ell corner of this tract;
S 40°04'51" W - 47.49 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 49°05'11" W - 72.90 feet to a set 5/8" iron rod for an interior ell corner of this tract;
S 45°53'11" W - 240.97 feet to a set 5/8" iron rod for the common south corner of the said 113.21 Acre tract and of this tract;
N 81°52'41" W - 298.81 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 56°38'49" W - 84.55 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 30°50'49" W - 66.53 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 17°54'49" W - 71.42 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 04°18'49" W - 89.46 feet to a found ½" iron rod for an interior ell corner of this tract;
N 18°55'49" W - 73.22 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 22°30'52" E - 128.40 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 34°04'11" E - 72.44 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 43°16'45" E - 104.42 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 72°04'00" E - 155.75 feet to a found ½" iron rod for an interior ell corner of this tract;
N 30°17'05" E - 108.60 feet to a found ½" iron rod for an interior ell corner of this tract;
N 06°48'19" E - 107.68 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 65°14'11" E - 89.98 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 39°58'11" E - 11.88 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 38°25'49" W - 124.07 feet to a set 5/8" iron rod for an interior ell corer of this tract;
N 47°54'49" W - 88.80 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 51°17'49" W - 87.30 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 54°24'21" W - 281.07 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 80°37'49" W - 75.60 feet to a found ½" iron rod for an interior ell corner of this tract;
N 87°19'59" W - 96.58 feet to a found ½" iron rod for an interior ell corner of this tract;
S 66°03'53" W - 93.33 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 82°09'11" W - 51.12 feet to a found ½" iron rod for an interior ell corner of this tract;

EXHIBIT A
2 - 4

S 48°24'11" W - 67.41 feet to a set 5/8" iron rod for an interior ell corner of this tract;
S 27°19'07" W - 56.71 feet to a found ½" iron rod for an interior ell corner of this tract;
S 18°12'53" W - 147.13 feet to a found ½" iron rod for an interior ell corner of this tract;
S 43°45'49" E - 88.81 feet to a set 5/8" iron rod for an interior ell corner of this tract;
S 64°40'04" E - 106.77 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 37°40'53" E - 95.82 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 13°34'15" E - 81.70 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 17°37'06" W - 99.85 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 52°19'17" W - 66.53 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 72°02'11" W - 163.54 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 88°51'18" W - 96.33 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 62°25'53" W - 348.35 feet to a found ½" iron rod for an interior ell corner of this tract;
S 69°26'29" W - 76.01 feet to a found ½" iron rod for an interior ell corner of this tract;
S 23°16'38" W - 359.73 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 48°20'11" W - 247.22 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 89°52'22" W - 24.16 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 47°38'09" W - 684.25 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 25°21'16" E - 125.60 feet to a found ½" iron rod for an interior ell corner of this tract;
N 07°17'20" W - 102.42 feet to a set 5/8" iron rod for an interior ell corner of this tract;
N 41°27'49" W - 109.45 feet to a found ½" iron rod for an interior ell corner of this tract;
N 84°27'10" W - 93.13 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 83°49'09" W - 70.56 feet to a found ½" iron rod for an interior ell corner of this tract;
S 45°15'30" W - 145.37 feet to a found ½" iron rod for an interior ell corner of this tract;
S 40°19'12" W - 110.58 feet to a found ½" iron rod for an interior ell corner of this tract;
S 14°28'28" W - 70.46 feet to a found ½" iron rod for an exterior ell corner of this tract;
S 49°26'11" W - 129.37 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
S 73°18'11" W - 39.09 feet to a set 5/8" iron rod for an exterior ell corner of this tract;
N 12°26'37" W - 420.40 feet to a set 5/8" iron rod for an interior ell corner of this tract;
Along the arc of a curve to the left having a delta angle of 03°56'02", an arc distance of 140.95 feet, a radius of 2052.83 feet, and a chord of N 14°26'49" W - 140.92 feet partially entering County Road 222 to a set 5/8" iron rod at the south corner of a called 17.54 Acre tract conveyed to Stephen Lehnert, et ux in Volume 706, Page 027, at the west corner of the said 113.21 Acre tract, for an exterior ell corner of this tract;

THENCE along the common line between the said 17.54 Acre tract and the said 113.21 Acre tract and the said 29.059 Acre tract respectively for the following courses and distances:

N 64°35'04" E - 531.60 feet departing the said County Road 222 to a found ½" iron rod for an interior ell corner of this tract;
N 49°30'42" E - 308.30 feet to a found ½" iron rod for an interior ell corner of this tract;
N 41°10'01" W - 621.43 feet to a found ½" iron rod for an interior ell corner of this tract;
S 46°34'02" W - 90.48 feet to a found ½" iron rod for an exterior ell corner of this tract;
N 41°19'44" W - 671.51 feet to a found ½" iron rod on the southeast line of a called 33.1004 Acre tract (First Tract) conveyed to Cirilo Baez, et ux in Volume 820, Page 336, at the north corner of the said 17.54 Acre tract, for the common west corner of the said 29.059 Acre tract and the of this tract;

THENCE N 48°08'34" E - 1200.76 feet along the common line between the said 29.059 Acre tract and the said 33.1004 Acre tract and a called 21.6607 Acre tract (Second Tract) conveyed to Cirilo Baez, et ux in Volume 820, Page 336 respectively to a set 5/8" iron rod on the southwest line of a called 114 Acre tract conveyed to Roy Barmore in Volume 245, Page 562, at the north corner of the said 29.059 Acre tract, for an exterior ell corner of this tract;

THENCE along the common line between the said 114 Acre tract and the said 29.059 Acre tract, the said 113.21 Acre tract and the said 60.67 Acre tract respectively for the following courses and distances:

S 34°23'38" E - 1328.25 feet to a found ½" iron rod on the northwest line of the said 113.21 Acre tract, at the south corner of the said 114 Acre tract, at the east corner of the said 29.059 Acre tract, for an interior ell corner of this tract;

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N 56°06'13" E - 1104.00 feet to a set 5/8" iron rod on the southwest line of the said 60.67 Acre tract, at the east corner of the said 114 Acre tract, at the north corner of the said 113.21 Acre tract, for an interior ell corner of this tract;

N 37°10'47" W - 2845.92 feet to a set 5/8" iron rod at the most easterly north corner of the said 114 Acre tract, at the east corner of a called 25 Acre tract conveyed to Lawrence James Fields in Volume 783, Page 559, for an exterior ell corner of this tract;

THENCE N 36°25'49" W - 1472.22 feet along the common line between the said 25 Acre tract and the said 60.67 Acre tract and the said 3 Acre tract respectively to a set 5/8" iron rod at the east corner of Ledbetter Park, at the north corner of the said 25 acre tract, for an exterior ell corner of this tract;

THENCE N 35°17'09" W - 520.40 feet along the common line between the said 3 Acre tract and the said Ledbetter Park to a set 5/8" iron rod at the south corner of the end of the said 20' Wide Alleyway, at the west corner of the said 3 Acre tract, for an exterior ell corner of this tract;

THENCE N 41°38'26" E - 205.69 feet along the common line between the said 20' Wide Alleyway and the said 3 Acre tract to the **POINT OF BEGINNING** containing within these metes and bounds 223.950 Acres of land of which 0.079 Acres lies within the said County Road 222.

Bearings are based on the Texas State Plane Coordinate System of 1983, Texas Central Zone.

I, Bradley L. Lipscomb, Registered Professional Land Surveyor No. 5952 in the State of Texas, do hereby certify that this survey was performed on the ground under my supervision and that the field notes hereon are true and correct to the best of my knowledge.

Given under my hand and seal this 6th day of January, 2012.

Bradley L. Lipscomb RPLS

STATE OF TEXAS
REGISTERED
BRADLEY L. LIPSCOMB
5952
PROFESSIONAL
LAND SURVEYOR

CLERK'S NOTICE: ANY PROVISION HEREIN WHICH RESTRICTS THE SALE, RENTAL OR USE OF THE DESCRIBED REAL PROPERTY BECAUSE OF COLOR OR RACE, IS INVALID AND UNENFORCEABLE UNDER FEDERAL LAW.

FILED
AT 2:55 O'CLOCK P M
ON THE 15 DAY OF June
A.D., 20 12.

Barbara Vansa
COUNTY CLERK, MILAM COUNTY, TEXAS
BY Sherry Mueck DEPUTY

STATE OF TEXAS
COUNTY OF MILAM
I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly RECORDED in the Volume and Page of the Official Records of Milam County, Texas.

Barbara Vansa
County Clerk, Milam County, Texas
VOL. 1174 PAGE 589
RECORDED 6/15/12 @ 3PM
BY Sherry Mueck DEPUTY

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VOL. 1174 PAGE 595
OFFICIAL RECORDS
MILAM COUNTY, TEXAS

7/40

8

WORKSHEET 4.0
DISCHARGE INFORMATION

This worksheet required for any requested authorization to discharge water into a State Watercourse for conveyance and later withdrawal or in-place use. Worksheet 4.1 is also required for each Discharge point location requested. **Instructions Page. 26.** ***Applicant is responsible for obtaining any separate water quality authorizations which may be required and for insuring compliance with TWC, Chapter 26 or any other applicable law.***

a. The purpose of use for the water being discharged will be N/A.

b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses N/A % and explain the method of calculation: N/A

Is the source of the discharged water return flows? **Y / N** N/A If yes, provide the following information:

1. The TPDES Permit Number(s). N/A (attach a copy of the **current** TPDES permit(s))

2. Applicant is the owner/holder of each TPDES permit listed above? **Y / N** N/A

PLEASE NOTE: If Applicant is not the discharger of the return flows, the application should be submitted under Section 1, New or Additional Appropriation of State Water, as a request for a new appropriation of state water. If Applicant is the discharger, then the application should be submitted under Section 3, Bed and Banks.

3. Monthly WWTP discharge data for the past 5 years in electronic format. (Attach and label as "Supplement to Worksheet 4.0").

4. The percentage of return flows from groundwater N/A, surface water N/A?

5. If any percentage is surface water, provide the base water right number(s) N/A.

c. Is the source of the water being discharged groundwater? **Y / N** N/A If yes, provide the following information:

1. Source aquifer(s) from which water will be pumped: N/A

2. Any 24 hour pump test for the well if one has been conducted. If the well has not been constructed, provide production information for wells in the same aquifer in the area of the application. See http://www.twdb.texas.gov/groundwater/data/gwdbrpt.asp. Additionally, provide well numbers or identifiers N/A.

3. Indicate how the groundwater will be conveyed to the stream or reservoir.
N/A

4. A copy of the groundwater well permit if it is located in a Groundwater Conservation District (GCD) or evidence that a groundwater well permit is not required.

ci. Is the source of the water being discharged a surface water supply contract? **Y / N** N/A
If yes, provide the signed contract(s).

cii. Identify any other source of the water N/A

9

WORKSHEET 4.1
DISCHARGE POINT INFORMATION

This worksheet is required for **each** discharge point. Submit one Worksheet 4.1 for each discharge point. If there is more than one discharge point, the numbering of the points should be consistent throughout the application and on any supplemental documents (e.g. maps). **Instructions, Page 27.**

For water discharged at this location provide:

a. The amount of water that will be discharged at this point is N/A acre-feet per year. The discharged amount should include the amount needed for use and to compensate for losses.

b. Water will be discharged at this point at a maximum rate of N/A cfs or N/A gpm.

c. Name of Watercourse as shown on Official USGS maps: N/A

d. Zip Code N/A

f. Location of point: In the N/A Original Survey No. N/A, Abstract No. N/A, N/A County, Texas.

g. Point is at:

Latitude N/A °N, Longitude N/A °W.

Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

h. Indicate the method used to calculate the discharge point location (examples: Handheld GPS Device, GIS, Mapping Program): N/A

Map submitted must clearly identify each discharge point. See instructions Page. 15.

10

WORKSHEET 5.0
ENVIRONMENTAL INFORMATION

1. Impingement and Entrainment

This section is required for any new diversion point that is not already authorized. Indicate the measures the applicant will take to avoid impingement and entrainment of aquatic organisms (ex. Screens on any new diversion structure that is not already authorized in a water right). **Instructions, Page 29.**

Please see Addendum F to the application for details regarding avoidance of impingement and entrainment.

2. New Appropriations of Water (Canadian, Red, Sulphur, and Cypress Creek Basins only) and Changes in Diversion Point(s)

This section is required for new appropriations of water in the Canadian, Red, Sulphur, and Cypress Creek Basins and in all basins for requests to change a diversion point. **Instructions, Page 30.**

Description of the Water Body at each Diversion Point or Dam Location. (Provide an Environmental Information Sheet for each location),

a. Identify the appropriate description of the water body.

■ Stream

☐ Reservoir

Average depth of the entire water body, in feet: _____

☐ Other, specify: _____

b. Flow characteristics

If a stream, was checked above, provide the following. For new diversion locations, check one of the following that best characterize the area downstream of the diversion (check one).

☐ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools

■ Perennial - normally flowing

Check the method used to characterize the area downstream of the new diversion location.

■ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: _____

c. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the stream segments affected by the application and the area surrounding those stream segments.

☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional

☐ Natural Area: trees and/or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored

■ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid

☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

d. Waterbody Recreational Uses

Are there any known recreational uses of the stream segments affected by the application?

☐ Primary contact recreation (swimming or direct contact with water)

■ Secondary contact recreation (fishing, canoeing, or limited contact with water)

☐ Non-contact recreation

Submit the following information in a Supplemental Attachment, labeled Addendum to Worksheet 5.0:

1. Photographs of the stream at the diversion point or dam location. Photographs should be in color and show the proposed point or reservoir and upstream and downstream views of the stream, including riparian vegetation along the banks. Include a description of each photograph and reference the photograph to the map submitted with the application indicating the location of the photograph and the direction of the shot.

2. If the application includes a proposed reservoir, also include:

   i. A brief description of the area that will be inundated by the reservoir.

   ii. If a United States Army Corps of Engineers (USACE) 404 permit is required, provide the project number and USACE project manager.

   iii. A description of how any impacts to wetland habitat, if any, will be mitigated if the reservoir is greater than 5,000 acre-feet.

3. Alternate Sources of Water and/or Bed and Banks Applications

This section is required for applications using an alternate source of water and bed and banks applications in any basins. **Instructions, page 31.**

a. For all bed and banks applications:

i. Submit an assessment of the adequacy of the quantity and quality of flows remaining after the proposed diversion to meet instream uses and bay and estuary freshwater inflow requirements.

b. For all alternate source applications:

i. If the alternate source is treated return flows, provide the TPDES permit number N/A

ii. If groundwater is the alternate source, or groundwater or other surface water will be discharged into a watercourse provide:
Reasonably current water chemistry information including but not limited to the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. If data for onsite wells are unavailable; historical data collected from similar sized wells drawing water fron the same aquifer may be provided. However, onsite data may still be required when it becomes available. Provide the well number or well identifier. Complete the information below for each well and provide the Well Number or identifier.

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L	N/A	N/A	N/A	N/A	N/A
Chloride, mg/L	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/L	N/A	N/A	N/A	N/A	N/A
pH, standard units	N/A	N/A	N/A	N/A	N/A
Temperature*, degrees Celsius	N/A	N/A	N/A	N/A	N/A

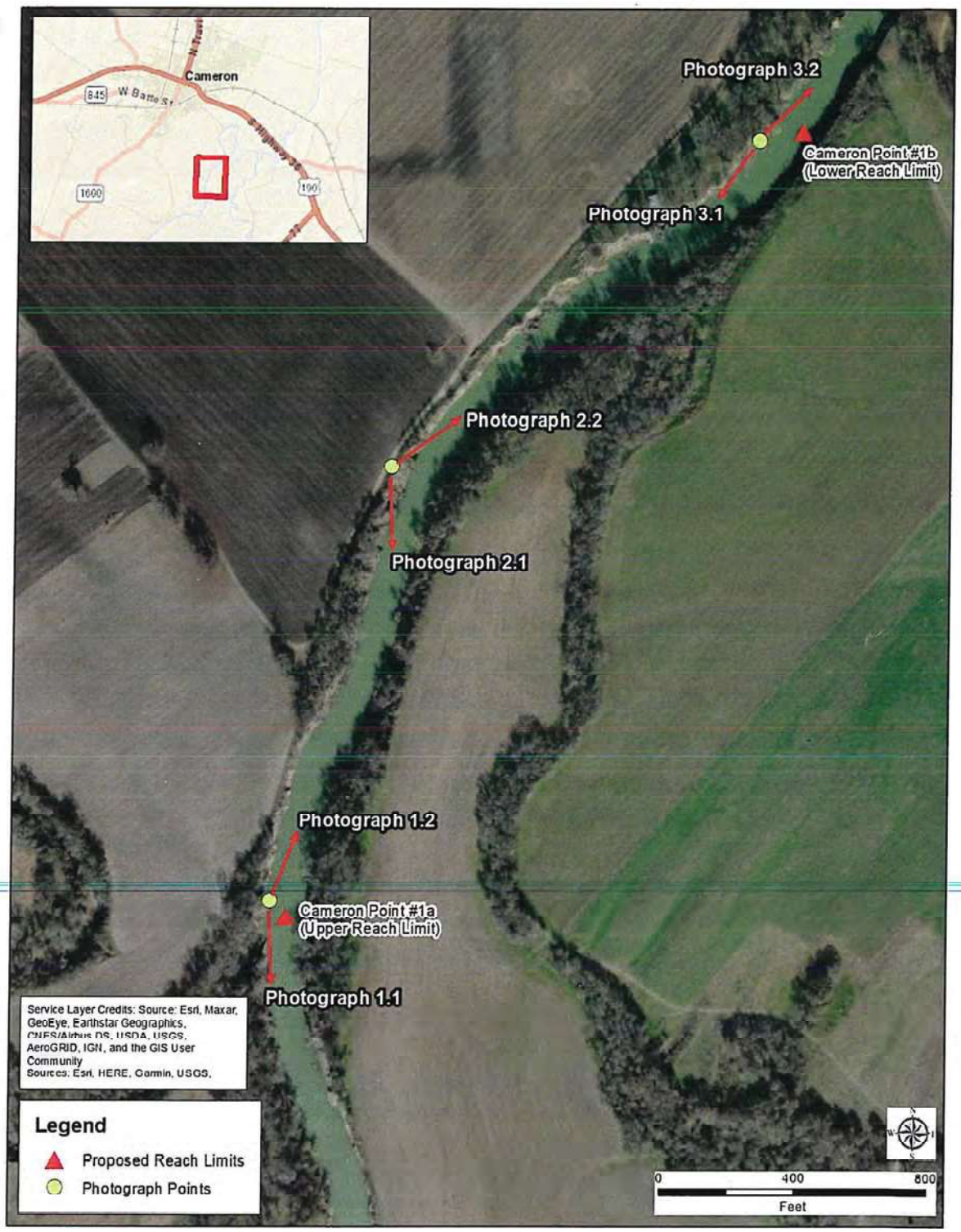
* Temperature must be measured onsite at the time the groundwater sample is collected.

iii. If groundwater will be used, provide the depth of the well N/A and the name of the aquifer from which water is withdrawn N/A.

Addendum F:
Diversion Point Photographs and Supporting Information
(Addendum to Worksheet 5.0)

Section 1 – Photographs of the River at Diversion Reach 1

Figure 1-1. Map of Diversion Point Photographs



Photograph 1.1. Upper Reach Limit, Looking Upstream

Photograph 1.2. Upper Reach Limit, Looking Downstream

Photograph 2.1. Mid-Reach, Looking Upstream

Photograph 2.2. Mid-Reach, Looking Downstream

Photograph 3.1. Lower Reach Limit, Looking Upstream

Photograph 3.2. Lower Reach Limit, Looking Downstream

Section 2 – Impingement and Entrainment

Design of proposed surface water intake infrastructure for the City of Cameron is in progress at the time of application for water right amendment. It is currently anticipated that impingement and entrainment will be addressed through an intake tee screen with a mesh opening size of 0.125 inches at a flow of 3.3 million gallons per day (MGD), corresponding to a maximum slot velocity of 0.5 ft/s. Any City of Cameron intake developed in the proposed reach would comply with the impingement and entrainment requirements applicable at the time of infrastructure development.

Section 3 – Reservoir Information

3.1 Inundated Area

The impoundment has not yet been constructed or undergone detailed design, and an exact structure location within the proposed diversion reach has not been established. The on-channel structure is intended to be a small dam of less than six feet in height and is anticipated to impound 10 ac-ft or less, similar to the existing storage authorized under CA 12-3761. The existing reservoir is represented in the TCEQ Run 3 Water Availability Model (WAM) for the Brazos Basin with a maximum surface area of approximately 3.5 acres. The proposed structure will impound water within the banks of the Little River and will not inundate adjacent areas outside of the channel.

3.2 USACE 404 Permitting

The proposed project requires a U.S. Army Corps of Engineers (USACE) 404 permit. The associated project number is SWF-2020-00332 and the USACE project manager is Fred Land. The City of Cameron is seeking authorization under Nationwide Permit 39 with Pre-Construction Notification.

3.3 Wetland Habitat

As noted above, the proposed impoundment will have a limited footprint constrained within the channel of the Little River. The project is not anticipated to cause significant wetlands impacts.

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11

WORKSHEET 6.0
Water Conservation/Drought Contingency Plans

This form is intended to assist applicants in determining whether a Water Conservation Plan and/or Drought Contingency Plans is required and to specify the requirements for plans. **Instructions, Page 31.**

The TCEQ has developed guidance and model plans to help applicants prepare plans. Applicants may use the model plan with pertinent information filled in. For assistance submitting a plan call the Resource Protection Team (Water Conservation staff) at 512-239-4600, or e-mail wras@tceq.texas.gov. The model plans can also be downloaded from the TCEQ webpage. ***Please use the most up-to-date plan documents available on the webpage.***

1. Water Conservation Plans

a. The following applications must include a completed Water Conservation Plan (30 TAC § 295.9) for each use specified in 30 TAC, Chapter 288 (municipal, industrial or mining, agriculture - including irrigation, wholesale):

1. Request for a new appropriation or use of State Water.

2. Request to amend water right to increase appropriation of State Water.

3. Request to amend water right to extend a term.

4. Request to amend water right to change a place of use.
   **does not apply to a request to expand irrigation acreage to adjacent tracts.*

5. Request to amend water right to change the purpose of use.
   **applicant need only address new uses.*

6. Request for bed and banks under TWC § 11.042(c), when the source water is State Water
   **including return flows, contract water, or other State Water.*

b. If Applicant is requesting any authorization in section (1)(a) above, indicate each use for which Applicant is submitting a Water Conservation Plan as an attachment:

1. N/A Municipal Use. See 30 TAC § 288.2. **

2. N/A Industrial or Mining Use. See 30 TAC § 288.3.

3. N/A Agricultural Use, including irrigation. See 30 TAC § 288.4.

4. N/A Wholesale Water Suppliers. See 30 TAC § 288.5. **

If Applicant is a water supplier, Applicant must also submit documentation of adoption of the plan. Documentation may include an ordinance, resolution, or tariff, etc. See 30 TAC §§ 288.2(a)(1)(J)(i) and 288.5(1)(H). Applicant has submitted such documentation with each water conservation plan? **Y / NN/A

c. Water conservation plans submitted with an application must also include data and information which: supports applicant's proposed use with consideration of the plan's water conservation goals; evaluates conservation as an alternative to the proposed

appropriation; and evaluates any other feasible alternative to new water development. See 30 TAC § 288.7.
Applicant has included this information in each applicable plan? **Y / N** N/A

2. Drought Contingency Plans

a. A drought contingency plan is also required for the following entities if Applicant is requesting any of the authorizations in section (1) (a) above - indicate each that applies:

1. N/A Municipal Uses by public water suppliers. See 30 TAC § 288.20.
2. N/A Irrigation Use/ Irrigation water suppliers. See 30 TAC § 288.21.
3. N/A Wholesale Water Suppliers. See 30 TAC § 288.22.

b. If Applicant must submit a plan under section 2(a) above, Applicant has also submitted documentation of adoption of drought contingency plan (*ordinance, resolution, or tariff, etc. See 30 TAC § 288.30*) **Y / N** N/A

Addendum G:
Water Conservation Plan and Drought Contingency Plan
(Addendum to Worksheet 6.0)

ORDINANCE NO. 2019-08-19-010

AN ORDINANCE OF THE CITY OF CAMERON, TEXAS, ADOPTING A WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN, REVISED AUGUST 2019 (HEREINAFTER CALLED PLAN) AND PROVIDING FOR THE REPEAL OF ALL ORDINANCES IN CONFLICT; PROVIDING A SEVERABILITY CLAUSE: PROVIDING FOR A PENALTY OF FINE NOT TO EXCEED THE SUM OF TWO HUNDRED DOLLARS ($200.00) FOR EACH OFFENSE; AND PROVIDING FOR A DATE THAT THIS ORDINANCE IS TO BECOME EFFECTIVE.

WHEREAS, the TCEQ Rules, Amended Texas Administrative Code (TAC) Chapter 288 states that a wholesale water supplier holding a right in the amount of 1,000 acre-feet or more for municipal use is required to revise its Water Conservation and Drought Contingency Plan to include specific quantified five and ten year targets to water savings, submit and implement a Revised Plan meeting the requirements of the amended TAC Chapter 288.3 (1); and

WHEREAS, it is necessary that a Revised Plan be adopted by the City of Cameron: and

WHEREAS, the Revised Plan and Implementation Reports, required by the TCEQ, has been developed and submitted to the executive director; and

WHEREAS, the City Council of the City of Cameron believes that it is in the best interest of the City of Cameron to adopt the Revised Plan in order to conserve the most important natural resource and meet with the TCEQ requirements; and

NOW, THERFORE BE IT ORDAINED BY THE CITY COUNCIL OF CAMERON:

Section 1. That the Revised Plan attached hereto and made part of by reference is hereby adopted as the official policy of the City.

Section 2. That all ordinances or parts of ordinances, in conflict with this ordinance are hereby, repealed and all other ordinances of the City not in conflict shall remain in full force and effect.

Section 3. If any paragraph, sentence, or phrase of this ordinance be judged or held to be illegal, or invalid, then all other parts of this ordinance shall remain in full force and effect.

Section 4. Any individual, business, firm or company found guilty of violating this ordinance including the Plan shall be deemed guilty of committing a misdemeanor and upon conviction in the Municipal Court of the City of Cameron shall be punished by a fine not to exceed Two Hundred Dollars ($200.00) for each offense.

Section 5. The City Manager of the City of Cameron, or his/her designee, is hereby authorized and directed to implement the applicable provisions of the Revised Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager of the City of Cameron, or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in the Plan.

Section 6. The provisions of this Ordinance and the Plan shall apply to all retail and wholesale water customers of the City of Cameron, Texas.

Section 7. This ordinance shall take effect immediately after its adoption and publication as required by the City Charter and by law after its second and final reading.

FIRST READING held on the 5th day of August 2019.

SECOND AND FINAL READING by the City Council of Cameron on the 19th day of August 2019.

Approved:

Connie Anderle

Connie Anderle, Mayor

Attest:

Amy Harris

Amy Harris, City Secretary

WATER CONSERVATION PLAN

&

DROUGHT CONTINGENCY PLAN

FOR

CITY OF CAMERON, MILAM COUNTY, TEXAS

TCEQ WATER SYSTEM I.D. # 1660001

July 2019

JB 7 30 2019

TABLE OF CONTENTS

CITY OF CAMERON, TEXAS
TCEQ WATER SYSTEM I.D. # 1660001
WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

I. INTRODUCTION:

A. Purpose:

As per the amended Title 30 TAC Chapter 288 the City of Cameron is required to revise and update its water conservation plan every five years incorporating implementation report and its results for submittal to TCEQ. The revised plan should include quantified five and ten year targets for water savings based on previous implementation results. **The revised plan following the Council's adoption must be submitted to the TCEQ. The next revision of the plan with water conservation Implementation Reports must be submitted to the TCEQ no later than May 1, 2024. Any revised plans must be submitted to the TCEQ within 90 days of adoption and must also include implementation report provided in Appendix E.**

The objective of a water conservation plan (WCP) is to conserve water supplies and to reduce the quantity of water and wastewater that facilities must handle. The objective of the drought contingency plan (DCP) is to establish temporary methods or techniques to reduce water consumption only so long as an emergency exists.

The City of Cameron has currently adopted the water conservation and Drought Contingency Plan. This revised plan was developed in July 2019 in response to the requirements of the amended Title 30 TAC Chapter 288, dated January 10, 2008 as stated above in the first paragraph. The City of Cameron has adopted this revised plan by replacing the current Ordinance with revised Ordinance dated August 2019 provided in Appendix A. This plan is provided to the Central Texas Council of Government (CTCOG), the Regional Water Planning Group for the city's service area.

B. Planning Area

The City of Cameron is located in Milam County. The City is a political subdivision of the State of Texas and is styled after the Home Rule form of Government. As such, the City is governed by its City Charter which prescribes that it operation be conducted following the Council- Manager form of government. Seven duly elected officials comprise the makeup of the City Council of which one is the Mayor. The Mayor acts as the Chief

Executive Officer of City for purposes of contractual obligations, bond issuance and as the official representative of the City in matters of ceremony or in matters of law before any court of jurisdiction.

The City Council employs a City Manager who is designated as the Chief Administrative Officer of the City. His/her function is to provide delivery of governmental service to the citizens. His functions include budgeting, advising, hiring and terminating of staff, and oversight of various departments of the City.

C. The City's Water Supply System: (See Exhibit 1& 2 in Appendix D)

The City of Cameron derives its water supply from Little River which flows approximately one mile south of the city. The City owns and operates its water system. The daily operation and maintenance of the water system is under the direction of the Utility Director of the Water Department. The water system consists of intake structure, filter plant, and service pumps with ground storage and elevated tanks and distribution pipe network. The system's capacity based on TCEQ requirements is rated for delivering potable water as follows:

Max. Daily --------- 4.00 mgd (2790 gpm)
Max. Connections -- 2300

The City operates the system under TCEQ water system permit I.D. #1660001. The City currently serves approximately 2150 customers which includes residential, commercial, government and wholesale customers.

II. WATER CONSERVATION PLAN:

A. Goal: (5 & 10-Year Targets)

The over all goal of water conservation plan is to reduce the per capita consumption of water. Many communities throughout the United States have used conservation measures to successfully deal with various water and wastewater problems. While some areas have achieved as much as 25% reduction, the normal range is from 5 to 15%. When water use is reduced, wastewater flows also experience a reduction.

The City of Cameron's municipal per capita water use ranges 100-130 gal/day. The city's unaccounted/un-metered water use ranges 0-15%. The water loss from the distribution system is reported around 1.0%. These figures are well within the regulatory agencies acceptable level.

The City of Cameron Water Conservation Plan includes the following conservation elements and targets to accomplish the reduction in municipal per capita water use by a minimum of 5.5 gpcd in the next five years (Year 2019) and 10 gpcd by the next 10 years (Year 2024); the unaccounted/un-metered water use by a minimum of 2% in the next five years (Year 2019) and 5% by the next 10 years (Year 2024)

1. Public Education and Information
2. Conservation-Oriented Water Rate Structure
3. Universal Metering and Meter Repair and Replacement
4. Water Conservation Landscaping
5. Water Audits and Leak Detection and Repair Program
6. Means of Implementation and Enforcement
7. Periodic Review and Reporting

Each conservation element is described in the following subsections.

B. Plan Elements:

1. Public Education and Information

The City of Cameron recognizes that water conservation significantly benefits individuals and communities in terms of long-term availability and costs. The most readily available and lowest cost method of promoting water conservation is to inform the water users about ways to save water in homes and businesses, in landscaping and land uses, and in recreational use. The City will use the following methods to inform water users.

Initial Year Program:

(1) Distribute a fact sheet explaining the Water Conservation Plan and educational materials to all customers quarterly during the first year of the program and semi-annually thereafter. The semi-annual distribution will be timed to correspond with the peak summer and winter demand periods. Tips concerning water conservation will be printed on monthly billing cards.

(2) Publish articles in local newspaper in conjunction with the semi-annual distribution of educational materials.

(3) Print tips concerning water conservation on monthly billing cards.

Long-Term Program:

(1) Tips on water conservation will be changed from time to time and the billing computer will be keyed to spot high water users.

Management of the Water Department will use this information to council with the account holder to determine if a leak has occurred or if excessive consumption can be curtailed through effective conservation practices

(2) Distribute educational materials available from TCEQ, American Water Works Association and others semi-annually and timed to correspond with peak summer demand periods. One of these semi-annual notifications may be made by publication in the newspaper.

(3) Information to New Customers - New customers will receive general water conservation information, including specific methods and ways to save water when applying for water service.

2. Non-Promotional and Conservation-Oriented Water Rate Structure

The City of Cameron's water and sewer rate structure is cost-based and does not encourage the excessive use of water. The city charges a base rate for the first increment of usage in 1000 gallons for all customers based on meter size. Charges for usage in excess of the base volume charge are at a constant rate per 1000 gallons. Increased usage does not result in a lower rate of charge; therefore, excessive use is not encouraged. A copy of the city's current water and sewer rate structure is provided in Appendix C.

3. Universal Metering and Meter Repair and Replacement

The City's Water Department currently meters 100% of the water pumped and water used. The city has a meter at the raw water intake of the plant, which measures the amount of raw water pumped; a meter at water distribution pumping plant, which measures amounts of water pumped to the system. All connections in the City of Cameron are metered. The Department has a policy of testing meters, which appear to be recording abnormally high or low water usage. The Billing Office routinely sends a list of suspected and old meters to be replaced to the meter shop at Water Plant. All meters are tested for accuracy before installation. Meters at raw water intake plant and distribution pumping plant and all other meters of size 3" and larger are annually tested and calibrated and meters less than 3" size are tested and calibrated every two years. A meter is considered acceptable only if the accuracy is within standards set forth by the American Water Works Association (AWWA) for the particular meter type. These meters are regularly monitored and calibrated to provide accuracy within 5% in order to measure and account for the amount of water diverted from the source

of supply.

4. Water Conservation Landscaping

The City does not currently regulate subdivisions as regards to low water consuming plants or grasses. However, the information program as previously discussed will include suggestions on landscaping and irrigation procedures which save water usage and money. Other water saving measures such as mulching and watering at the proper times of the day also reduce costs. Any homeowner easily performs these measures and the City of Cameron will seek new ways to bring this valuable water saving tips to the customers.

5. Water use Audits and Leak Detection and Repair

The City's Water Department has a very progressive leak detection and repair program. The program includes:

(1) Monthly water use accounting which identifies high water use after service meters are read possibly indicating leaks. The high use meters are monitored to determine if a leak is involved. The accounting also compares the amount of water pumped to the system with the amount billed. The amount of water pumped to the system is metered at the distribution pumping plant and the records are provided to the accounting /billing department, record summary of last 5 years is provided in Appendix E.

(2) Constant monitor facilities which identifies major water main breaks.

(3) Visual inspection by meter reader and staff employees who keep a constant watch out for abnormal conditions indicating leaks.

(4) An adequate maintenance staff for repairing any leaks.

(5) Periodic visual inspection along distribution lines and periodic audit of the water system to determine illegal connections and abandoned services. (See Exhibit in Appendix E for the city's regular monitoring program).

6. Means of Implementation and Enforcement

The Water Conservation Plan is officially adopted by the City Council of Cameron and reviewed annually. See appendix A for copy of the Ordinance. The City Manager will execute and enforce the Plan using following methods

(1) Service taps will not be given to customers who do not meet the requirements of the amended Plumbing Code.

(2) The rate structure should encourage retrofitting of old plumbing fixtures, which are using large amounts of water and money.

(3) The water rate structure will be enforced, if customers do not pay their water bill they will have their water service disconnected.

7. **Periodic Review and Reporting:**

The City of Cameron is located within the CTCOG regional water planning area and the city has provided a copy of this revised water conservation plan to CTCOG.

The plan will be periodically reviewed to determine if changes might require an amendment or major change in the plan. Any changes in the plan will be coordinated with CTCOG and TCEQ.

C. Contracts with Other Political Subdivisions:

The City's existing whole sale customers will be asked to adopt a similar water conservation plan.

If the City sells water to another source such as a political subdivision or other entities, the contract will include (1) provisions to adopt a similar water conservation plan or (2) have a plan in effect that are similar to this water conservation plan.

III. DROUGHT CONTINGENCY PLAN:

A. Introduction and Goal:

Drought or a number of other uncontrollable circumstances can disrupt the normal availability of city water supply. Even though the city has adequate water supply, the supply could become contaminated, or a disaster could destroy the supply. During drought periods, consumer demand for water is often significantly higher than normal.

The objective of the Drought Contingency Plan (DCP) is to establish temporary methods or techniques to reduce water consumption only so long as an emergency exists. It is important to distinguish drought contingency planning from water conservation planning. While water conservation involves implementing permanent water use efficiencies or reuse practices, drought contingency plans establish temporary methods or techniques designed to be used only as long as an emergency exists.

The following Emergency Water Demand Management measures (plan

elements) will be established as the City's DCP in which water can be partially or totally restricted. The City Manager will be authorized to implement these measures.

1 Trigger conditions signaling the start of an emergency period.
2 Drought contingency measures
3. Information and education
4 Initiation procedures
5 Termination notification actions
6 Means of implementation

Each plan elements is described in the following subsections.

B. Plan Elements

1. Trigger Conditions

The initiation of drought contingency measures by the customer must inherently be determined on case-by-case basics with consideration given to weather conditions, time of year, prevailing system capacities, and prevailing contractual arrangement with each respective water supplier. The following trigger conditions in conjunction with other utility specific, real time factors to initiate drought contingency measures shall be utilized:

(1) Mild Conditions – Daily water demand reaches or exceeds 80% of the production capacity of the system for 5 consecutive days.

(2) Moderate Conditions – Daily water demand reaches or exceeds 90 % of the production capacity of the system for 5 consecutive days.

(3) Severe Conditions – Daily water demand reaches or exceeds 100% of the production capacity of the system for 5 consecutive days; or the imminent or actual failure of a major component of the system is experienced which can cause an immediate health or safety hazard.

2. Drought Contingency Measures

Based upon the prevailing conditions, the following actions, as appropriate, shall be taken when trigger conditions are reached:

(1) Mild Conditions

(a) Inform the public through the local news media that a trigger condition has been reached, and that the public should look for ways to voluntarily reduce water use and provide specific steps, which can be taken.

(b) Notify major commercial water users of the situation and request voluntary lawn-watering schedule.

(c) Publicize a voluntary lawn-watering schedule.

(d) During winter months request water users to insulate pipes rather than running water to prevent pipes from freezing.

(e) Initiate pro rata curtailment of water deliveries to or diversions by wholesale water customers as provided in Texas Water Code, Section 11.039

(f) Initiate provisional arrangement for alternative water source, such as trucking water from the neighboring town/s with regional planning group and TCEQ assistance and approval.

(2) Moderate Conditions

(a) Continue all relevant actions initiated in the preceding phase.

(b) Car washing (except for commercial car washes), window washing, and pavement washing shall be prohibited except when only a bucket is used.

(c) The following public water uses, not essential for public health or safety, shall be prohibited:

(1) Street washing
(2) Water hydrant flushing
(3) Filling swimming pools
(4) Athletic field watering

(d) A mandatory lawn-watering schedule shall be imposed. The following schedule is recommended for implementation; however, an alternate schedule may be used if it is found to be more effective:

(e) Customers with odd-numbered street addresses can water on odd-numbered days, if necessary; and customers with even-numbered street addresses can water on even-numbered days, if necessary. Water shall be permitted only between the hours of 6:00 a.m. to 10:00 a.m. and 8:00 p.m. to 10:00 p.m.

(f) Initiate pro rata curtailment of water deliveries to or diversions by wholesale water customers as provided in Texas Water Code, Section 11.039

(g) Initiate provisional arrangement for alternative water source, such as trucking water from the neighboring town/s with regional planning group and TCEQ assistance and approval.

(3) Severe Conditions

(a) Continue all relevant actions indicated in the preceding phases.

(b) All outdoor water use, not essential for public health or safety, shall be prohibited.

(c) Based upon prevailing conditions, establish maximum water use limits for commercial and residential users, and establish monetary fines or surcharges to be levied for exceeding water use limits.

(d) Initiate pro rata curtailment of water deliveries to or diversions by wholesale water customers as provided in Texas Water Code, Section 11.039

(e) Initiate provisional arrangement for alternative water source, such as trucking water from the neighboring town/s with regional planning group and TCEQ assistance and approval.

3. Wholesale Water Contract

Every Wholesale water contract entered into or renewed after adoption of the plan, including contract extensions, that in case of a shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, Section 11.039.

4. Information and Education

Drought and/or emergency contingency measures will be conveyed to the public as a part of and in the same manner as the Water Conservation Plan. When trigger conditions appear to be approaching, the public will be informed through local newspaper articles and/or radio/television broadcasts. Throughout the period of a trigger condition, regular articles and/or broadcasts will be used to inform the public of the current condition and conservation measures for that condition.

5. Initiation Procedures

When a trigger condition has been reached and the City has been informed that emergency water demand measures may be necessary, the appointed representative will order the initiation of a public notification process. The public notification process will include the following items:

- A notice of Emergency Water Demand Condition will be posted in a public places such as City Hall, Post Office, major supermarkets, and shopping centers.

- The Notice will be circulated to local newspapers and radio stations.

- Information regarding the contingency measures of the current drought condition will be mailed to all water customers.

6. Termination of Trigger Conditions

As drought or emergency conditions lessen, a determination will be made when a particular drought condition no longer exists. Upon such determination, the drought measures for the enforcement of that particular drought condition shall terminate. The public will be notified of the termination of any or all drought conditions and related drought measures in the same manner as described in Information and Education section above.

7. Implementation and Enforcement

As stated earlier in this plan the City Manager will be authorized by ordinance through adoption of this plan to act on behalf of the City to implement and enforce the required measures during the emergency water demand period. However, any rationing program placed into effect shall not exceed sixty (60) days without review and extension by the City Council.

8. Update of Trigger Conditions

Annually, or upon any significant change in water supply or treatment and pumping capacity the city will review its water system capability

to determine actual trigger conditions based upon the guidelines described in Trigger Conditions of this Plan.

C. Variances

1. The City Manager of the City of Cameron, or his/her designee, may, in writing, grant a temporary variance for existing water uses otherwise prohibited under the Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:
   (1) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect;
   (2) Alternative methods can be implemented which will achieve the same level of reduction in water use.

2. Persons requesting a variance from the provisions of this Plan shall file a petition for variance with the City Manger of the City of Cameron, or his/her designee, within five (5) days after the Plan or a particular drought response stage has been invoked. All petitions for variance shall be reviewed by the City Manager of the City of Cameron, or his/her designee, and shall include the following:
   (1) Name and address of the petitioner/s;
   (2) Purpose of water use;
   (3) Specific provision/s of the Plan from which the petitioner is requesting relief;
   (4) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan;
   (5) Description of the relief requested;
   (6) Period of time for which the variance is sought;
   (7) Alternative water use restrictions or other measures the petitioner is taking or purposes to take to meet the intent of this Plan and the compliance date;
   (8) Other pertinent information.

3. Variances granted by the City of Cameron shall be subject to the following conditions, unless waived or modified by the City Manager of the City of Cameron, or his/her designee:
   (1) Variances granted shall include a timetable for compliance

(2) Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

4. No variance shall be retroactive or otherwise justify any violation of this Plan occurring prior to the issuance of the variance.

Addendum H:
Evaporation Estimation Workbook Report
(Addendum to Worksheet 7.0)

FREESE AND NICHOLS

Innovative approaches
Practical results
Outstanding service

EVAPORATION ESTIMATION WORKBOOK

Prepared for:

City of Cameron

03/09/2022

FREESE AND NICHOLS, INC
TEXAS REGISTERED
ENGINEERING FIRM
F-2144

Prepared by:

FREESE AND NICHOLS, INC.
10497 Town and Country Way, Suite 500
Houston, TX 77024
713-600-6800

[ver. 11/18/2021]

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CONTENTS

LIST OF TABLES

ACRONYMS AND ABBREVIATIONS

CA	Certificate of Adjudication
TCEQ	Texas Commission on Environmental Quality
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
WAM	Water Availability Model

UNITS

ac-ft	acre-feet
ac-ft/yr	acre-feet per year
ft	feet

1. INTRODUCTION

The City of Cameron (Cameron) holds Certificate of Adjudication (CA) 12-3761, which authorizes the diversion of up to 2,792 ac-ft/yr of surface water from the Little River and maintenance of a small on-channel impoundment of up to 10 ac-ft capacity. In order to address concerns with channel migration in the vicinity of its current intake facilities, Cameron is seeking to amend its water right to add a diversion reach in a more stable upstream area and to construct a similar small impoundment to facilitate pumping. While it is expected that Cameron's original on-channel impoundment would eventually be deliberately breached or become disconnected from the Little River by channel migration, there may be some period of time where both impoundments are in place at the same time.

In order to account for the potential impacts of the original impoundment, Cameron has developed an Evaporation Estimation Workbook to allow estimation of daily evaporative loss. Because detailed evaporation and precipitation monitoring data is not available in the immediate vicinity of Cameron's original intake facilities, the workbook utilizes daily evaporation and precipitation rate data provided by the U.S. Army Corps of Engineers (USACE) for Granger Lake, the closest major reservoir with readily available information. Because the original Cameron impoundment is a passive structure without detailed level monitoring or bathymetric survey data available to estimate daily water surface area for evaporation calculations, the workbook applies the conservative assumption that the water level remains constant at the top of the small channel dam. The corresponding surface area was estimated from the storage parameters in the Texas commission on Environmental Quality (TCEQ) Water Availability Model (WAM for the Brazos River Basin. Since this surface area is not substantially different than the water surface of the free-flowing river under most flow conditions, this estimate will tend to over-estimate evaporative losses due to the impoundment structure, providing a conservatively large estimate of the impact on evaporation.

The workbook is intended to facilitate estimation of evaporation from the original impoundment for the interval during which the City of Cameron maintains both the original impoundment and new upstream facilities. Upon removal or breaching of the impoundment structure at the original diversion location for CA 12-3761 or migration of the Little River away from the original diversion location, estimation of evaporative loss for the structure will no longer be required and the workbook will be no longer be maintained.

Evaporation parameters and Evaporation Estimation Workbook operation are discussed in greater detail in the following sections.

2. ELEMENTS OF THE WORKBOOK

The Evaporation Estimation Workbook is designed to assist the City of Cameron in estimating evaporative losses from the small impoundment associated with the City's original surface water diversion location. The workbook approximates loss by utilizing daily data from the nearby Lake Granger site, with manual override functionality provided to address missing or suspected erroneous data. The Evaporation Estimation Workbook structure and functions are discussed in more detail in the following sections.

2.1 WORKBOOK OVERVIEW

The Evaporation Estimation Workbook is intended to be a compact, simple tool to allow the City of Cameron to estimate daily, monthly, and annual evaporative loss from the small impoundment located at the City's original surface water diversion location. Required user input is limited to two mandatory ranges for USACE reported daily values of evaporation and precipitation rates at Granger Lake, and one reference cell identifying the year. Two additional optional columns allow the user to manually override missing or erroneous reported values.

The workbook utilizes several types of cell shading to assist the user in data entry and error identification. White (unshaded) cells contain automatic workbook calculations and require no user input. Regular user input ranges are shaded in yellow, with optional input ranges for manual overrides in gray. Red shading is used to identify erroneous data such as negative daily evaporation or precipitation rates and is only visible when an error is detected. Similarly, orange cell shading is activated whenever the workbook identifies a high daily evaporation or precipitation rate which may warrant user confirmation. Warnings are reflected both on the tab with the suspected issue and on the workbook's summary panel.

In order to prevent inadvertent changes to the workbook structure or calculations by the user, access protection has been applied to all tabs. The user may only modify the contents of designated input or override ranges but may still copy the values in any cell for export to another workbook or document. If it is necessary for sheet protection to be disabled, the user may do so with the password "cameron". Disabling of sheet protection is highly discouraged.

Also, it should be noted that the buttons which allow monthly summary information on the data entry tab to be hidden or shown rely on functions embedded in the workbook. The user should use a macro-enabled format such as .xlsm or .xlsb when saving a copy of the workbook, as these functions may not work in all Microsoft Excel file formats.

2.2 WORKBOOK TABS

The Evaporation Estimation Workbook contains several tabs for data entry, summary of results, and reference data. Each tab is described in greater detail in subsequent sections of this manual.

- **Intro** – Introductory tab providing a brief summary of the workbook purpose, links to tabs, and a key to cell shading.
- **Tab 1 (Summary)** – Includes a concise summary of estimated year-to-date, monthly, and annual evaporation, as well as a notification panel for potential data entry issues.
- **Tab 2 (Evaporation Estimation)** – Provides a location for inputs related to USACE daily data for the Granger Lake site and calculation of estimated evaporation from Cameron's original on-channel impoundment.
- **Tab 3 (Reference Data)** – Contains input location to identify the workbook year, reference information on the assumed impoundment water surface area, and unit conversion factors.

2.2.1 Tab 1 (Summary)

Tab 1 includes basic overview and data entry warning information. Specific sections of the tab are discussed below.

2.2.1.1 CA 12-3761 Year-to-Date Estimated Evaporative Loss

This table provides a condensed summary of monthly and annual total evaporative loss based on the user inputs and calculations from the other tabs of the workbook.

2.2.1.2 Warnings

This table provides a consolidated location for notifying the user of potential issues identified on Tab 2. Warnings within the table are displayed if a potential issue is detected and are blank otherwise. Information is also provided on specific locations to check in the event of a warning.

2.2.2 Tab 2 (Evaporation Estimation)

This tab provides a location for inputs related to USACE daily data for the Granger Lake site and calculation of estimated evaporation from Cameron's original on-channel impoundment. A monthly table at the top of the tab summarizes data in a more consolidated manner. Specific sections of the tab are discussed in greater detail below, with details on specific calculations provided in Tables 2a and 2b of Appendix A.

2.2.2.1 Date (Columns 2.1 to 2.3)

This section includes date information for the tab calculated from the year entered on Tab 3.

2.2.2.2 USACE Granger Lake Evaporation (Columns 2.4 to 2.6)

This section provides a location for the user to input the USACE reported daily evaporation rate at Granger Lake in units of inches. In the event that the evaporation value is missing or erroneous, the user may supersede the USACE value through the use of the accompanying override column. Where data is missing or erroneous, a default override value obtained by averaging values for adjacent days is recommended. If data for adjacent days are also missing or suspect, the 2011 through 2020 daily average evaporation of 0.22 inches is recommended as a default override value.

2.2.2.3 USACE Granger Lake Precipitation (Columns 2.7 to 2.9)

This section provides a location for the user to input the USACE reported daily precipitation rate at Granger Lake in units of inches. In the event that the precipitation value is missing or erroneous, the user may supersede the USACE value through the use of the accompanying override column. Where data is missing or erroneous, a default override value of 0.0 inches of precipitation is recommended for days when local rainfall was not noted to occur. For days where local rainfall is observed, daily total precipitation recorded at U.S. Geological Survey (USGS) Station 08106500 (Little Rv nr Cameron, TX) is recommended for use as an override value.

2.2.2.4 CA 12-3761 Evaporative loss (Columns 2.10 to 2.11)

This section calculates daily evaporative loss from the original City of Cameron impoundment. A net evaporation rate for each day is calculated by subtracting the precipitation rate from the evaporation rate, which is then converted into units of feet. The loss for the original City of Cameron impoundment is then calculated by multiplying the estimated water surface area by

the net evaporation rate. If the net evaporation rate for a particular date is less than zero (precipitation rate exceeds evaporation rate), evaporative loss from the impoundment is calculated as zero.

2.2.3 Tab 3 (Reference Data)

Tab 3 contains an input location to identify the workbook year, reference information on the assumed impoundment water surface area, and unit conversion factors. Specific sections of the tab are discussed in greater detail below, with details on specific calculations provided in Table 3 of Appendix A.

2.2.3.1 Year Reference Data (Columns 3.1 to 3.2)

The Year Reference Data section allows the user to specify the year for the evaporation estimate. This value is used to populate the date range on Tab 2 and allow automatic data entry range adjustment for leap years.

2.2.3.2 Impoundment Reference Data (Columns 3.3 to 3.4)

The Impoundment Reference Data section contains a reference value for water surface area for use in the evaporative loss calculation on Tab 2. Because an exact conservation pool area or other footprint for the original City of Cameron impoundment is not defined, the surface area is estimated as the surface area at the top of the impoundment as modeled in the TCEQ WAM and held constant.

2.2.3.3 Conversion Factors (Columns 3.5 to 3.7)

This section lists conversion factors for use by Tab 2 of the workbook.

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Appendix A

Detailed Calculation Table Summaries

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Appendix A, Table 2a

Column No	Type[1]	Label	Units	Description	Tab Conn.[2]
2.1	Ref	Day		Day of year.	
2.2	Ref	Month		Month of year.	
2.3	Ref	Date		Date reference.	3.2
2.4	Input	USACE Reported Evaporation	inches	Input data. USACE reported evaporation rate at Granger Lake.	
2.5	Input	Evaporation Override	inches	Input data (optional). Overrides USACE reported evaporation rate at Granger Lake from time series input in [2.4].	
2.6	Calc	Adjusted Evaporation	inches	If evaporation override provided in [2.5], equals [2.5]. Else, equals USACE value [2.4].	
2.7	Input	USACE Reported Precipitation	inches	Input data. USACE reported precipitation rate at Granger Lake.	
2.8	Input	Precipitation Override	inches	Input data (optional). Overrides USACE reported precipitation rate at Granger Lake from time series input in [2.7].	
2.9	Calc	Adjusted Precipitation	inches	If precipitation override provided in [2.8], equals [2.8]. Else, equals USACE value [2.7].	
2.10	Calc	Net Evaporation Rate	ft	Equal to net evaporation rate [2.6] less net precipitation rate [2.9].	3.7
2.11	Calc	Evaporative Loss	ac-ft	If net evaporation rate [2.10] is greater than 0, equal to [2.10] multiplied by surface area [3.4]. Else, equal to 0.	3.4

1. Several abbreviations for column type are applied in the workbook and in this and other Appendix A summary tables. "Ref" indicates reference data, "Calc" signifies automated workbook calculations, and "Input" is used for both mandatory user input columns and optional data override columns.

2. The "Tab Conn." field shown in this and other Appendix A summary tables provides information on formula connections to other workbook tabs.

Appendix A, Table 2b

Column No	Type[1]	Label	Units	Description	Tab Conn.
2.1	Ref	Days		Number of days in month.	
2.2	Ref	Month		Month of year.	
2.3	Ref	End Date		End date for given month.	3.2
2.4	Input*	USACE Reported Evaporation	inches	Monthly sum of USACE reported evaporation rate at Granger Lake.	
2.5	Input*	Evaporation Override	count	Monthly count of days for which an override evaporation rate has been applied.	
2.6	Calc	Adjusted Evaporation	inches	Monthly sum of evaporation rate after applying override rates.	
2.7	Input*	USACE Reported Precipitation	inches	Monthly sum of USACE reported precipitation rate at Granger Lake.	
2.8	Input*	Precipitation Override	count	Monthly count of days for which an override precipitation rate has been applied.	
2.9	Calc	Adjusted Precipitation	inches	Monthly sum of precipitation rate after applying override rates.	
2.10	Calc	Net Evaporation Rate	ft	Monthly sum of net evaporation rate.	
2.11	Calc	Evaporative Loss	ac-ft	Monthly sum of evaporative loss at original City of Cameron impoundment.	

1. Inputs are entered at the daily level as shown in Appendix A, Table 2a above.

Appendix A, Table 3

Column No	Type	Label	Units	Description	Tab Conn.
3.1	Ref	Parameter		Row descriptor "Year" or "Leap Year".	
3.2	Input /Calc	Value		Data entry cell for year of Accounting Plan and calculation cell to determine whether input year is a leap year.	
3.3	Ref	Impoundment Parameter		Label for impoundment surface area parameter.	
3.4	Ref	Impoundment Value	acres	Estimated maximum surface area at full storage.	
3.5	Ref	To get:		Unit of output value for unit conversion operations.	
3.6	Ref	From:		Unit of original value for unit conversion operations.	
3.7	Ref	Multiply by:		Unit conversion factor to be multiplied by original value.	

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WORKSHEET 8.0
CALCULATION OF FEES

This worksheet is for calculating required application fees. Applications are not Administratively Complete until all required fees are received. **Instructions, Page. 34**

1. NEW APPROPRIATION

	Description	Amount ($)
Filing Fee	Circle fee correlating to the total amount of water* requested for any new appropriation and/or impoundment. Amount should match total on Worksheet 1, Section 1. Enter corresponding fee under **Amount ($).** In Acre-Feet a. Less than 100 $100.00 b. 100 - 5,000 $250.00 c. 5,001 - 10,000 $500.00 d. 10,001 - 250,000 $1,000.00 e. More than 250,000 $2,000.00	
Recording Fee		$25.00
Agriculture Use Fee	*Only for those with an Irrigation Use.* Multiply 50¢ x_____Number of acres that will be irrigated with State Water. **	
Use Fee	*Required for all Use Types, **excluding Irrigation Use.*** Multiply $1.00 x_____Maximum annual diversion of State Water in acre-feet. **	
Recreational Storage Fee	*Only for those with Recreational Storage.* Multiply $1.00 x_____acre-feet of in-place Recreational Use State Water to be stored at normal max operating level.	
Storage Fee	*Only for those with Storage, **excluding Recreational Storage.*** Multiply 50¢ x_____acre-feet of State Water to be stored at normal max operating level.	
Mailed Notice	Cost of mailed notice to all water rights in the basin. Contact Staff to determine the amount (512) 239-4600.	
	TOTAL	$0

2. AMENDMENT *OR* SEVER AND COMBINE

	Description	Amount ($)
Filing Fee	Amendment: $100	$100
	OR Sever and Combine: $100 x___of water rights to combine	
Recording Fee		$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	$997.34
	TOTAL INCLUDED	$ 1,109.84

3. BED AND BANKS

	Description	Amount ($)
Filing Fee		$100.00
Recording Fee		$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
	TOTAL INCLUDED	$0

SUPPLEMENT TO APPLICATION FOR WATER RIGHT AMENDMENT TO CERTIFICATE OF ADJUDICATION 12-3761

Prepared for:

City of Cameron

March 2022

Prepared by:

FREESE AND NICHOLS, INC.
10497 Town and Country Way, Suite 500
Houston, Texas 77024
713-600-6800

SUPPLEMENT TO APPLICATION FOR WATER RIGHT AMENDMENT TO CERTIFICATE OF ADJUDICATION 12-3761

Prepared by:

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10497 Town and Country Way, Suite 500
Houston, Texas 77024
713-600-6800

CMN21175

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF ATTACHMENTS

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1.0 DESCRIPTION OF THE PROJECT

The City of Cameron (Cameron) holds Certificate of Adjudication (CA) 12-3761, which authorizes the diversion of up to 2,792 ac-ft/yr from the Little River within the Brazos River Basin, as well as maintenance of a small on-channel dam impounding no more than 10 ac-ft. The conditions of Cameron's water right are summarized in Table 1-1, with the CA 12-3761 document included for reference in Attachment 1 to this report. Cameron utilizes this right to meet its own municipal water demands, as well as providing a limited amount of supply for municipal use to adjacent water systems.

Table 1-1: City of Cameron Water Right CA 12-3761

Priority Date	Use Type	Diversion Amount (ac-ft/yr)	Diversion Rate (cfs)	Storage (ac-ft)
March 20, 1914	Municipal	2,792	5.11	10

Cameron's existing surface water intake facilities are located on a bend of the Little River slightly east of the City. Over time, the channel of the Little River has migrated, and it is anticipated that the river bend near Cameron will eventually become a small oxbow lake. In order to address concerns with future loss of surface water supply access, Cameron has identified the need for a project to relocate its surface water intake facilities to a more stable upstream location (see Figure 1-1). Major components of this project are anticipated to include:

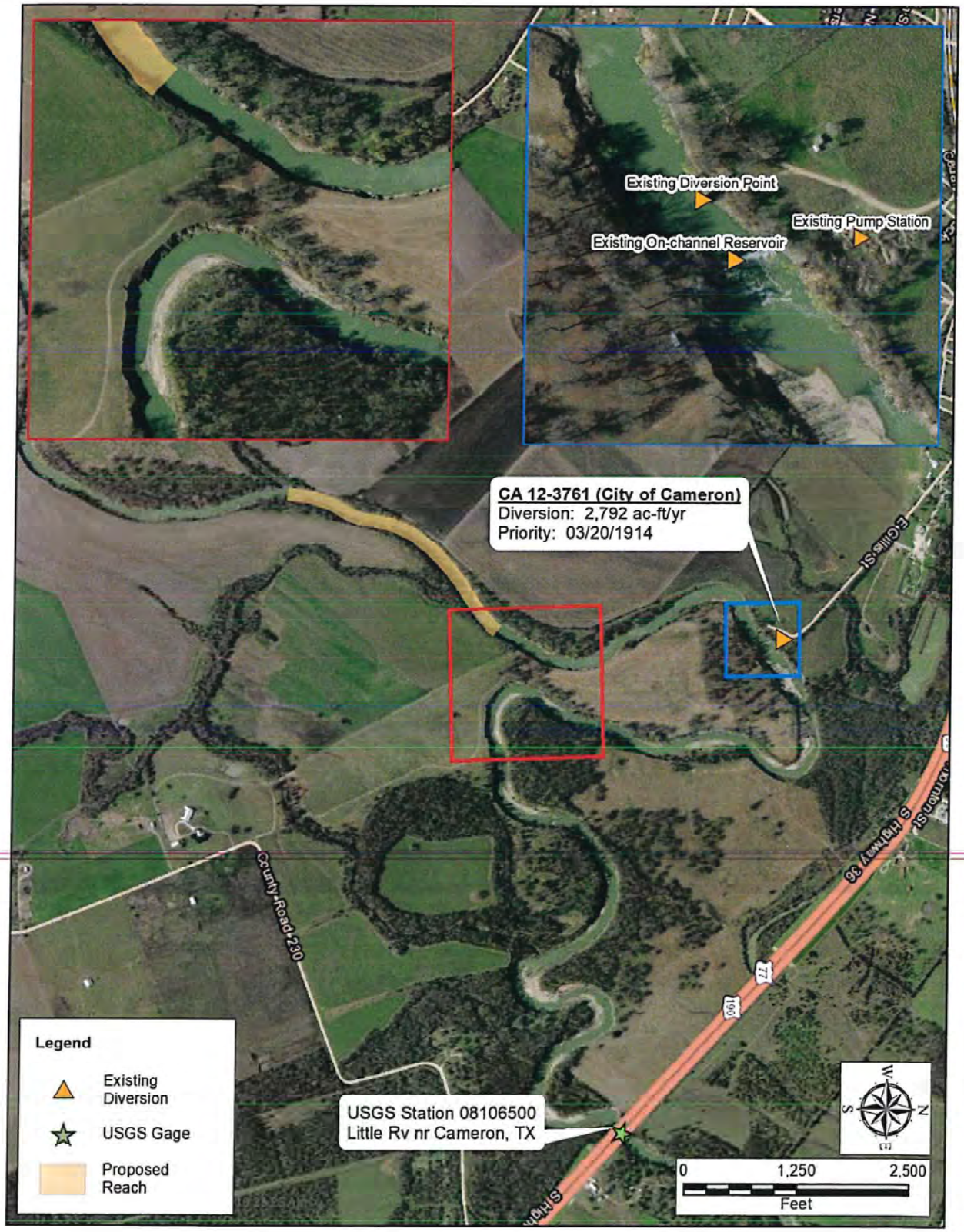
- A surface water intake;
- A small on-channel impoundment structure to facilitate pumping;
- A pump station in the vicinity of the intake; and
- A pipeline to convey water from the new pump station to existing treatment facilities.

Cameron recognizes that the proposed project necessitates a water right amendment and seeks amendment of CA 12-3761 to:

- add a diversion reach upstream of the existing permitted diversion point; and
- add a small on-channel impoundment structure to facilitate pumping.

Cameron is not seeking an appropriation of additional surface water, an increase in maximum authorized diversion rate, changes to the purpose or place of use, or other amendment of its water right beyond the items specified above.

Figure 1-1: Location of Diversion Points and Infrastructure



2.0 AMENDMENT APPLICATION COMPONENTS

The worksheets and addenda included as part of the application are summarized below.

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information**

  The application does not request a new appropriation of State Water, an increase in the maximum diversion rate allowable under the water right, or changes to the purposes or place of use for the right. Therefore, all items on Worksheet 1.0 are populated with a response of "N/A".

- **Worksheet 1.1 – Interbasin Transfers Information**

  CA 12-3761 does not authorize the interbasin transfer of surface water, and Cameron is not seeking the addition of such authorization through the application. Therefore, all items on Worksheet 1.1 are populated with a response of "N/A".

- **Worksheet 1.2 – The Marshall Criteria**

  Although it is our understanding that Worksheet 1.2 is not required for the amended conditions requested in the application, an assessment of the Marshall Criteria is included for Texas Commission on Environmental Quality (TCEQ) reference in an addendum to Worksheet 1.2, Addendum D.

- **Worksheet 2.0 – Impoundment/Dam Information**

  Because the application seeks to authorize a small on-channel impoundment within the proposed diversion reach to facilitate pumping, Worksheet 2.0 is required. The impoundment has not yet been constructed or undergone detailed design, and an exact structure location within the reach has not been established. The proposed on-channel structure is a small dam of less than six feet in height and is anticipated to impound 10 ac-ft or less, similar to the existing storage authorized under CA 12-3761. The proposed impoundment will be entirely within the existing channel of the Little River and will not significantly increase the surface area of the stream. Once new intake facilities are active, the existing structure will no longer be needed to support Cameron's surface water diversions, and it is anticipated that channel migration will eventually separate the existing dam from the main channel of the Little River. Cameron proposes counting estimated evaporative loss from the original impoundment against its annual authorized diversion total until the original dam structure is breached or otherwise separated from the Little River.

- **Worksheet 3.0 – Diversion Point (or Diversion Reach) Information**

  The application requests authorization to make diversions under CA 12-3761 at a reach upstream of the existing authorized City of Cameron diversion location. The Diversion Reach is located slightly upstream of the existing diversion point and is approximately 2,900 feet in length. Two copies of Worksheet 3.0 are included with the application, with one for the upstream limit (Point 1a) and one for the downstream limit of the diversion reach (Point 1b). Deed information and documentation of the City of Cameron's right to access the property along the proposed diversion reach to develop associated infrastructure is included in an addendum to Worksheet 3.0, Addendum E.

- **Worksheet 4.0 – Discharge Information**

  CA 12-3761 does not authorize the discharge of water into a state watercourse for conveyance, and Cameron is not seeking the addition of such authorization through the application. Therefore, all items on Worksheet 4.0 are populated with a response of "N/A".

- **Worksheet 4.1 – Discharge Point Information**

  CA 12-3761 does not authorize a discharge point into a State Watercourse, and Cameron is not seeking the addition of such authorization through the application. Therefore, all items on Worksheet 4.1 are populated with a response of "N/A".

- **Worksheet 5.0 – Environmental Information**

  Because the application seeks to add an authorized diversion reach, a copy of the Environmental Information worksheet is required. Diversion reach photographs and supporting information are included in an addendum to Worksheet 5.0, Addendum F.

- **Worksheet 6.0 – Water Conservation/Drought Contingency Plans**

  Although it is our understanding that submission of a Water Conservation Plan and Drought Contingency Plan is not required for the proposed amendment, copies of Water Conservation and Drought Contingency Plans for the City of Cameron are included for TCEQ reference in an addendum to Worksheet 6.0, Addendum G.

- **Worksheet 7.0 – Accounting Plan Information**

  CA 12-3761 does not include a requirement for a water right accounting plan. Because the application does not involve a new appropriation of water, major reservoir, alternate water

sources, complex environmental flow requirements, or other characteristics specified on Worksheet 7.0, it is our understanding that application does not require development of a water right accounting plan. For this reason, a water right accounting plan is not included with the application. It is also our understanding, based on the preapplication meeting held with staff from TCEQ and the City of Cameron on May 28, 2020, that for the interval during which the City of Cameron maintains both the original impoundment and new upstream facilities, TCEQ may consider counting evaporative losses from the original impoundment against Cameron's permitted diversion total. Cameron has therefore developed an Evaporation Estimation Workbook, which will be submitted in electronic format along with the application forms and is documented in an addendum to Worksheet 7.0, Addendum H. Cameron proposes temporarily counting estimated evaporative loss from the original impoundment against its annual authorized diversion total until the original dam structure is breached or otherwise separated from the main channel of the Little River.

- **Worksheet 8.0 – Calculation of Fees**

  A listing of the fees for the application is included in Worksheet 8.0.

In summary, the addenda included with the application forms include:

- **Addendum A:** Signatory Authority (Addendum to Administrative Information Report)
- **Addendum B:** Maps (Addendum to Technical Information Report)
- **Addendum C:** Excerpt from 2021 Brazos G Regional Water Plan (Addendum to Technical Information Report)
- **Addendum D:** Marshall Criteria (Addendum to Worksheet 1.2)
- **Addendum E:** Diversion Reach Access Documentation (Addendum to Worksheet 3.0)
- **Addendum F:** Diversion Point Photographs and Supporting Information (Addendum to Worksheet 5.0)
- **Addendum G:** Water Conservation Plan and Drought Contingency Plan (Addendum to Worksheet 6.0)
- **Addendum H:** Evaporation Estimation Workbook Report (Addendum to Worksheet 7.0)

In addition, the following attachments are included with this supplemental report for TCEQ's reference:

- **Attachment 1:** Certificate of Adjudication 12-3761
- **Attachment 2:** WAM Modeling and No Injury Analysis

3.0 IMPACTS OF PROPOSED WATER RIGHTS

- **No Injury Analysis**

  Modeling analysis of potential impacts of the proposed amendment on other water rights was performed using the February 2018 version of the Brazos River and San Jacinto Brazos Coastal Basin Water Availability Model (WAM), full authorization scenario. Results of the analysis are included in Attachment 2 to this memorandum. The proposed amendment did not demonstrate an increase in mean shortage greater than 1 ac-ft or a decrease in period reliability greater than 0.15 percentage points for any right included in the model. A single modeled right (CA 12-4345) demonstrated a modeled increase in mean shortage, with mean shortage increasing by 0.02 ac-ft/yr. A decrease in period reliability of 0.15 percentage points was identified for the model diversion representing irrigation diversions from the Brazos River near Dennis under water right permit 12-5851. No right demonstrated a decrease in modeled volume reliability. Impacts to other water rights in the basin, including CA 12-3760 between Cameron's existing diversion point and proposed reach, are de minimis.

- **Impact on Instream Uses**

  The application does not seek to appropriate new surface water or change maximum diversion rates or use, and proposes a small additional diversion reach in close proximity to the existing diversion location. Therefore, impacts to instream uses from the amendment would be de minimis.

- **Impacts on Bays and Estuaries**

  The application does not seek to appropriate new surface water or change maximum diversion rates or use, and proposes a small additional diversion reach in close proximity to the existing diversion location. Therefore, impacts to bay and estuary inflows from the amendment would be de minimis.

- **Impacts on Wetlands**

  The proposed project is anticipated to be developed primarily on pre-disturbed land used for agricultural purposes and is not anticipated to cause substantial wetlands impacts. The proposed impoundment is not anticipated to inundate land outside of the channel of the Little River.

- **Water Conservation**

  Cameron has adopted a Water Conservation Plan to reduce water consumption, reduce the loss and waste of water, improve efficiency in the use of water, document the level of recycling and reuse of water, extend the availability of water during drought, and delay the need to develop more water supplies. The plan includes all of the elements required by TCEQ. Cameron's compliance with the Plan for municipal use will promote water conservation and the avoidance of waste in water use. A copy of the plan is included in Addendum G.

- **Interbasin Transfers**

  The terms of CA 12-3761 do not authorize the interbasin transfer of surface water, and the application does not seek to add an interbasin transfer.

- **Consistency with Regional Water Plans**

  The application is consistent with the 2021 Brazos G Regional Water Plan (RWP), adopted by the Brazos G Regional Water Planning Group on October 28, 2020. The run-of-river surface water supply associated with CA 12-3761 is reflected in the RWP as a component of existing surface water availability. Additionally, the Brazos G Regional Water Planning Group included the City of Cameron's proposed surface water intake relocation as a recommended future Water Management Strategy in their 2021 RWP. A summary of the strategy is included in Volume II, Section 13.3.21 of the RWP document on pages 13-50 and 13-51, which are included as Addendum C accompanying the amendment application. The proposed amendment does not increase the permitted supply volume, but instead adds operational reliability to the Cameron's water supply.

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Attachment 1:
Certificate of Adjudication 12-3761

CERTIFICATE OF ADJUDICATION

CERTIFICATE OF ADJUDICATION: 12-3761

OWNER: City of Cameron
Water and Sewer Department
P.O. Box 833
Cameron, Texas 76520

COUNTY: Milam

PRIORITY DATE: March 20, 1914

WATERCOURSE: Little River, tributary of Brazos River

BASIN: Brazos River

WHEREAS, by final decree of the 26th Judicial District Court of Williamson County, Texas, in Cause No. 83-354-C, In Re: The adjudication of Water Rights in the Little River Segment of the Brazos River Basin dated April 30, 1984, a right was recognized under Certified Filing 41 authorizing the City of Cameron to appropriate waters of the State of Texas set forth below;

NOW, THEREFORE, this certificate of adjudication to appropriate waters of the State of Texas in the Brazos River Basin is issued to the City of Cameron, subject to the following terms and conditions:

1. IMPOUNDMENT

Owner is authorized to maintain an existing dam and reservoir on the Little River and impound therein not to exceed 10 acre-feet of water. The dam is located adjacent to the Daniel Monroe Grant, Abstract 38 and the Jose Leal Grant, Abstract 29, Milam County, Texas.

2. USE

Owner is authorized to divert and use not to exceed 2792 acre-feet of water per annum from the Little River for municipal purposes.

3. DIVERSION

A. Location:
At the perimeter of the aforesaid reservoir.

B. Maximum rate: 5.11 cfs (2300 gpm).

4. PRIORITY

The time priority of owner's right is March 20, 1914.

5. SPECIAL CONDITION

Owner shall maintain a suitable outlet in the aforesaid dam authorized herein to allow the free passage of water that owner is not entitled to divert or impound.

The locations of pertinent features related to this certificate are shown on Page 15 of the Little River Segment Certificates of Adjudication Maps, copies of which are located in the offices of the Texas Department of Water Resources, Austin, Texas and the Milam County Clerk.

This certificate of adjudication is issued subject to all terms, conditions and provisions in the final decree of the 26th Judicial District Court of Williamson County, Texas, in Cause No. 83-354-C, In Re: The Adjudication of Water Rights in the Little River Segment of the Brazos River Basin, dated April 30, 1984, and supersedes all rights of the owner asserted in that cause.

This certificate of adjudication is issued subject to senior and superior water rights in the Brazos River Basin.

This certificate of adjudication is issued subject to the Rules of the Texas Department of Water Resources and its continuing right of supervision of State water resources consistent with the public policy of the State as set forth in the Texas Water Code.

TEXAS WATER COMMISSION

Paul Hopkins

Paul Hopkins, Chairman

DATE ISSUED:

FEB 28 1985

ATTEST:

Mary Ann Hefner

Mary Ann Hefner, Chief Clerk

Attachment 2:
WAM Modeling and No Injury Analysis

Section 1 – Modifications to the Brazos River and San Jacinto Brazos Coastal Basin Water Availability Model (WAM)

The City of Cameron (Cameron) holds Certificate of Adjudication (CA) 12-3761, which authorizes diversion from a point on the Little River tributary to the Brazos River. Cameron is seeking to amend CA 12-3761 to add a diversion reach on the Little River at a point slightly upstream of the existing authorized diversion location. In addition to intake facilities, Cameron seeks to develop a small on-channel structure similar to that in place at the existing diversion point in order to provide sufficient depth for reliable intake function. Cameron does not seek to amend CA 12-3761 to increase the total annual diversion authorization, maximum diversion rate, purpose or place of use, or other permit conditions.

Modeling analysis of potential impacts of the proposed amendment on other water rights was performed using the February 2018 version of the Brazos River and San Jacinto Brazos Coastal Basin Water Availability Model (WAM), full authorization scenario. In the full authorization scenario, there are no return flows and all water rights attempt to divert their full permitted amounts. The 2018 version of the Brazos WAM includes Senate Bill 3 instream flow requirements and the Brazos River Authority System Operations permit. WRAP-SIM is the computer program used to execute the WAMs. The analyses presented here use the January 2021 version of WRAP-SIM. Modeling procedures are discussed in greater detail in the following sections. Please note that the WAM code cited in the following sections consists primarily of excerpts of functional code specific to this analysis.

Section 2 – Modeling of Certificate of Adjudication 12-3761

2.1 ORIGINAL TCEQ WAM

The original TCEQ modeling of CA 12-3761 has diversions being taken at Control Point 376131, corresponding to the existing authorized diversion location.

```
WR376131   2792.     MUN319140320   1   2  0.0000                          C3761_1   C376163761001
WSRC3761    10.0  0.5228  0.8206        0        0
```

2.2 POST-PROJECT MODEL

For the Post-Project Model, all diversions under CA 12-3761 are made at the upstream (farthest from existing diversion point) limit of the proposed reach. While Cameron is not seeking to remove the authorization for the existing diversion point, it is anticipated that future diversions would wholly be diverted from the proposed reach and that the existing diversion point will eventually become inaccessible due to channel migration. A number of changes were applied to the Original TCEQ WAM in order to reflect the diversion of surface water at the proposed upstream reach limit.

1. Model control point connectivity in the .dat file was adjusted to add a new control point (3761UL) reflecting the upstream limit of the proposed reach.

```
**CP376102   376001                    6          NONE        0.0010
CP376102   3761UL                   6          NONE        0.0000
CP3761UL   376001                   6          NONE        0.0010
```

2. The original WR and WS records for the existing authorized diversion point were commented out and relocated to control point 3761UL.

```
**WR376131   2792.     MUN319140320   1   2  0.0000                          C3761_1   C376163761001
**WSRC3761    10.0  0.5228  0.8206        0       0
WR3761UL   2792.     MUN319140320   1   2  0.0000                          C3761_1   C376163761001
WSUL3761     10.0  0.5228  0.8206        0       0
```

3. A new FD record corresponding to control point 3761UL was added to the .dis file.

```
FD3761UL  LRCA58        2  LRLR53  GALA57
```

4. A new WP record corresponding to control point 3761UL was added to the .dis file. A preliminary delineation of the incremental drainage area between control points 376131 and 3761UL indicated that proposed upstream reach limit captures approximately 0.27 square miles less drainage area than the current diversion point.

```
3761UL 7039.55   69.92   31.40                          594470.70 376001
```

Section 3 – No Injury Analysis

Table 1 shows the change in reliability and average annual shortage between the Original TCEQ WAM and the Post-Project Model for all water rights in the February 2018 version of the Brazos River WAM. The proposed amendment, modeled as described above, did not demonstrate an increase in mean shortage greater than 1 ac-ft or a decrease in reliability greater than 0.15 percentage points (Table 1) for any right. A single right (C4345_1, representing CA 12-4345) demonstrated a modeled increase in mean shortage, with mean shortage increasing by 0.02 ac-ft/yr. A decrease in period reliability of 0.15 percentage points was identified for one model diversion, DNNT2_DS_IRR, representing irrigation diversions from the Brazos River near Dennis under water right permit 12-5851. No right demonstrated a decrease in modeled volume reliability. Impacts to other water rights in the basin, including CA 12-3760 between Cameron's existing diversion point and proposed reach, are de minimis.

Table 1: Difference between Original TCEQ WAM and Post-Project WAM

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3014_1	0	0	0	0
C2867_1	0	0	0	0
C2306_1	0	0	0	0
C2293_1	0	0	0	0
C2868_1	0	0	0	0
C2974_1	0	0	0	0
C2903_1	0	0	0	0
C2923_1	0	0	0	0
C2923_2	0	0	0	0
C3761_1	0	-0.09	0	0
C2977_1	0	0	0	0
C4152_1	0	0	0	0
C2975_1	0	0	0	0
C5352_1	0	0	0	0
C2971_1	0	-0.03	0	0
C2988_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C2987_1	0	0	0	0
C5347_1	0	0	0	0
C5348_1	0	0	0	0
C5346_1	0	0	0	0
C5346_2	0	0	0	0
C2976_1	0	0	0	0
C5170_1	0	0	0	0
C4340_1	0	0	0	0
C5342_1	0	0	0	0
C5341_1	0	0	0	0
C4128_1	0	0	0	0
C4128_2	0	0	0	0
C4188_1	0	0	0	0
C2938_1	0	-0.08	0	0.01
C4192_1	0	0	0	0
C2942_1	0	0	0	0
C2979_1	0	0	0	0
C4129_1	0	0	0	0
C5470_1	0	0	0	0
C4142_1	0	0	0	0
C4344_1	0	0	0	0
C2893_1	0	0	0	0
C2317_1	0	0	0	0
C4171_1	0	0	0	0
C2986_1	0	0	0	0
C3465_1	0	0	0	0
C3465_2	0	0	0	0
C3465_3	0	0	0	0
C3468_1	0	0	0	0
C4211_1	0	0	0	0
C4039_1	0	0	0	0
C4039_2	0	0	0	0
C5289_1	0	0	0	0
C4318_1	0	0	0	0
C4318_2	0	0	0	0
C4318_4	0	0	0	0
C3751_1	0	0	0	0
C2870_1	0	0	0	0
C4207_1	0	0	0	0
C5346_3	0	0	0	0
C5346_4	0	0	0	0
C2989_1	0	0	0	0
C2989_2	0	0	0	0
C4199_1	0	0	0	0
C4199_2	0	0	0	0
C4209_1	0	0	0	0
C2962_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3760_1	0	0	0	0
C3659_1	0	0	0	0
C2906_1	0	0	0	0
C4346_1	0	0	0	0
C4359_1	0	0	0	0
C2316_1	0	0	0	0
C2898_1	0	0	0	0
C2994_1	0	0	0	0
C2993_1	0	0	0	0
C2998_1	0	-0.03	0	0.02
C5168_1	0	0	0	0
C5168_2	0	0	0	0
C5168_3	0	0	0	0
C5168_4	0	0	0	0
C5168_5	0	0	0	0
C5168_6	0	0	0	0
C2980_1	0	0	0	0
C4124_1	0	0	0	0
C4014_1	0	0	0	0
C4014_2	0	0	0	0
C4223_1	0	0	0	0
C4175_1	0	0	0	0
C4175_3	0	0	0	0
C4137_1	0	0	0	0
C4342_1	0	0	0	0
C5320_1	0	-0.03	0	0
C5320_1bve	0	0	0	0
C5320_2	0	0	0	0
C4116_1	0	0	0	0
C5357_1	0	0	0	0
C4206_1	0	0	0	0
C4150_1	0	0	0	0
C4150_2	0	0	0	0
C4130_1	0	0	0	0
C4130_2	0	0	0	0
C4130_3	0	0	0	0
C3715_1	0	0	0	0
C3458_1	0	0	0	0
C3458_2	0	0	0	0
C4123_1	0	0	0	0
C3460_1	0	0	0	0
C4151_1	0	0	0	0
C2914_1	0	0	0	0
C3414_1	0	0	0	0
C2315_1	0	0	0	0
C4344_2	0	0	0	0
C5322_1	0	-0.02	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C5328_1	0	-0.03	0	0
C2964_1	0	0	0	0
C3630_1	0	0	0	0
C2888_1	0	0	0	0
C3445_1	0	0	0	0
C4004_1	0	0	0	0
C4005_1	0	0	0	0
C4028_1	0	0	0	0
C4175_2	0	0	0	0
C4175_4	0	0	0	0
C2864_1	0	0	0	0
C2865_1	0	0	0	0
C4094_1	0	0	0	0
C4121_1	0	0	0	0
C5345_1	0	0	0	0
C2860_1	0	0	0	0
C5344_1	0	0	0	0
C4161_1	0	0	0	0
C4161_2	0	0	0	0
C4161_3	0	0	0	0
C4019_1	0	0	0	0
C5357_2	0	0	0	0
C4120_1	0	0	0	0
C2926_1	0	0	0	0
C4159_1	0	0	0	0
C5288_1	0	0	0	0
C5171_1	0	0	0	0
C5171_2	0	0	0	0
C5171_3	0	-0.02	0	0
C5171_4	0	-0.03	0	0
C5171_5	0	0	0	0
C4180_1	0	0	0	0
C2284_1	0	0	0	0
C2866_1	0	0	0	0
C2904_1	0	0	0	0
C5351_1	0	0	0	0
C5327_1	0	0	0	0
C5338_1	0	0	0	0
C2957_1	0	0	0	0
C5357_3	0	0	0	0
C3450_1	0	0	0	0
C4332_1	0	0	0	0
C4331_1	0	0	0	0
C4330_1	0	0	0	0
C4208_1	0	0	0	0
C5357_4	0	0	0	0
C3734_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C5328_2	0	-0.34	0	0
C5328_4	0	0	0	0
C5328_5	0	0	0	0
C5328_6	0	0	0	0
C5357_5	0	0	0	0
C4039_3	0	0	0	0
C4039_4	0	0	0	0
C3750_1	0	0	0	0
C5364_1	0	0	0	0
C4158_1	0	0	0	0
C2871_1	0	0	0	0
C2872_1	0	0	0	0
C4219_1	0	0	0	0
C2851_1	0	0	0	0
C2880_1	0	0	0	0
C3748_1	0	0	0	0
C5359_1	0	0	0	0
C4214_1	0	0	0	0
C2294_1	0	0	0	0
C4227_1	0	0	0	0
C4205_1	0	0	0	0
C2310_1	0	0	0	0
C3637_1	0	0	0	0
C2855_1	0	0	0	0
C2969_1	0	0	0	0
C2970_1	0	0	0	0
C2970_2	0	0	0	0
C2970_3	0	0	0	0
C5349_1	0	0	0	0
C2999_1	0	0	0	0
C4215_1	0	0	0	0
C4013_1	0	0	0	0
C4013_2	0	0	0	0
C4013_3	0	0	0	0
C4013_4	0	0	0	0
C3662_1	0	0	0	0
C2267_1	0	0	0	0
C2267_2	0	0	0	0
C3007_1	0	0	0	0
C5492_1	0	0	0	0
C5356_1	0	0	0	0
C4355_1	0	0	0	0
C5170_2	0	0	0	0
C5169_1	0	0	0	0
C4146_1	0	0	0	0
C4136_1	0	0	0	0
C4136_2	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3663_1	0	0	0	0
C2918_1	0	0	0	0
C4179_1	0	0	0	0
C4179_3	0	0	0	0
C4202_1	0	0	0	0
C4139_1	0	0	0	0
C4221_1	0	0	0	0
C4099_1	0	0	0	0
C4126_1	0	0	0	0
C4190_1	0	0	0	0
C4095_1	0	0	0	0
C2285_1	0	0	0	0
C2292_1	0	0	0	0
C4181_1	0	0	0	0
C3649_1	0	0	0	0
C2927_1	0	0	0	0
C3008_1	0	0	0	0
C4060_1	0	0	0	0
C4082_1	0	0	0	0
C2260_1	0	0	0	0
C2928_1	0	0	0	0
C2819_1	0	0	0	0
C2818_1	0	0	0	0
C5171_8	0	-0.16	0	0
C2271_1	0	0	0	0
C2312_1	0	0	0	0
C2882_1	0	0	0	0
C2959_1	0	0	0	0
C4345_1	0	0.02	0	0
C4345_2	0	0	0	0
C5328_7	0	0	0	0
C3639_1	0	0	0	0
C3717_1	0	0	0	0
C3499_1	0	0	0	0
C5272_1	0	0	0	0
C2277_1	0	0	0	0
C4363_1	0	0	0	0
C4363_3	0	0	0	0
C3470_1	0	0	0	0
C3470_2	0	0	0	0
C3470_3	0	0	0	0
C3470_4	0	0	0	0
C3476_1	0	0	0	0
C3635_1	0	0	0	0
C3764_1	0	0	0	0
C3636_1	0	0	0	0
C3660_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3763_1	0	-0.04	0	0.09
C5291_1	0	0	0	0
C3648_1	0	0	0	0
C3648_2	0	0	0	0
C2947_1	0	0	0	0
C3744_1	0	0	0	0
C4187_1	0	0	0	0
C3766_1	0	0	0	0
C2210_1	0	0	0	0
C3643_1	0	0	0	0
C3692_1	0	0	0	0
C2229_1	0	0	0	0
C4336_1	0	0	0	0
C4336_2	0	0	0	0
C2295_1	0	0	0	0
C3756_1	0	0	0	0
C4111_1	0	0	0	0
C2936_1	0	0	0	0
C3653_2	0	0	0	0
C2814_1	0	0	0	0
C2814_2	0	0	0	0
C4365_1	0	0	0	0
C2992_1	0	0	0	0
C3743_1	0	0	0	0
C5271_1	0	-0.04	0	0.01
C5271_2	0	-0.04	0	0.02
C5329_1	0	0	0	0
C4052_1	0	0	0	0
C4098_1	0	0	0	0
C2936_2	0	0	0	0
C2830_1	0	0	0	0
C2830_2	0	0	0	0
C2933_1	0	0	0	0
C4165_1	0	0	0	0
C3647_1	0	0	0	0
C4212_1	0	0	0	0
C3458_3	0	0	0	0
C3458_4	0	0	0	0
C3458_5	0	0	0	0
C3458_6	0	0	0	0
C4225_1	0	0	0	0
C4051_1	0	0	0	0
C2276_8	0	0	0	0
C2856_1	0	0	0	0
C2874_1	0	0	0	0
C2877_1	0	0	0	0
C2884_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4370_1	0	0	0	0
C5322_4	0	-0.13	0	0
C4034_1	0	0	0	0
C3575_1	0	0	0	0
C4351_1	0	0	0	0
C2239_1	0	0	0	0
C4218_1	0	0	0	0
C2303_1	0	0	0	0
C2304_1	0	0	0	0
C2304_2	0	0	0	0
C3010_1	0	0	0	0
C4055_1	0	0	0	0
C4114_1	0	0	0	0
C2238_1	0	0	0	0
C2238_2	0	0	0	0
C2280_1	0	0	0	0
C3724_1	0	0	0	0
C2862_1	0	0	0	0
C5325_1	0	0	0	0
C4117_1	0	0	0	0
C4177_1	0	0	0	0
C4178_1	0	0	0	0
C4197_1	0	0	0	0
C4062_1	0	0	0	0
C4103_1	0	0	0	0
C2254_1	0	0	0	0
C2264_1	0	0	0	0
C2265_1	0	0	0	0
C2857_1	0	-0.03	0.15	0.01
C3595_1	0	0	0	0.04
C4168_1	0	0	0	0
C4061_1	0	0	0	0
C4323_1	0	0	0	0
C4008_1	0	0	0	0
C3765_1	0	0	0	0
C4371_1	0	-0.03	0	0.01
C3999_1	0	0	0	0
C4073_1	0	0	0	0
C4074_1	0	0	0	0
C4070_1	0	0	0	0
C4071_1	0	0	0	0
C3769_1	0	0	0	0
C3773_1	0	0	0	0
C3773_2	0	0	0	0
C4368_1	0	0	0	0
C5336_1	0	0	0	0
C5335_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4355_2	0	0	0	0
C4355_3	0	-0.01	0	0
C4355_4	0	0	0	0
C4067_1	0	0	0	0
C4072_1	0	0	0	0
C2290_1	0	0	0	0
C2290_2	0	0	0	0
C5286_1	0	0	0	0
C4004_2	0	0	0	0
C5287_1	0	0	0	0
C5287_2	0	0	0	0
C5287_3	0	0	0	0
C3000_1	0	0	0	0
C4213_1	0	0	0	0
C4213_2	0	0	0	0
C4213_3	0	0	0	0
C4213_4	0	0	0	0
C4213_5	0	0	0	0
C4213_7	0	0	0	0
C4213_8	0	0	0	0
C2961_1	0	0	0	0
C2963_1	0	0	0	0
C2963_2	0	0	0	0
C4366_1	0	0	0	0
C4044_1	0	0	0	0
C2233_1	0	0	0	0
C3413_1	0	0	0	0
C4078_1	0	0	0	0
C2248_1	0	0	0	0
C4104_1	0	0	0	0
C2318_1	0	0	0	0
C3655_1	0	0	0	0
C2823_1	0	0	0	0
C2827_1	0	0	0	0
C2828_1	0	0	0	0
C2853_1	0	0	0	0
C2878_1	0	0	0	0
C2878_2	0	0	0	0
C2892_1	0	0	0	0
C2902_1	0	0	0	0
C3746_1	0	0	0	0
C3718_1	0	0	0	0
C2315_2	0	0	0	0
C2919_1	0	0	0	0
C2301_1	0	0	0	0
C2837_1	0	0	0	0
C2837_2	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C2835_1	0	0	0	0
C2237_1	0	0	0	0
C3440_1	0	0	0	0
C4189_1	0	0	0	0
C2243_1	0	0	0	0
C3693_1	0	0	0	0
C3693_2	0	0	0	0
C3444_1	0	0	0	0
C3444_2	0	0	0	0
C3444_3	0	0	0	0
C3716_1	0	0	0	0
C4115_1	0	0	0	0
C4006_1	0	0	0	0
C4045_1	0	0	0	0
C2282_1	0	0	0	0
C3638_1	0	0	0	0
C2875_1	0	0	0	0
C2907_1	0	0	0	0
C2907_2	0	0	0	0
C4364_1	0	0	0	0
C4364_2	0	0	0	0
C4377_1	0	0	0	0
C2915_1	0	0	0	0
C3612_1	0	0	0	0
C2916_1	0	0	0	0
C3770_1	0	0	0	0
C3774_1	0	0	0	0
C4362_1	0	-0.02	0	0.01
C5277_1	0	0	0	0
C3446_1	0	0	0	0
C4155_1	0	0	0	0
C4163_1	0	0	0	0
C4162_1	0	0	0	0
C3456_1	0	0	0	0
C3584_1	0	0	0	0
C4100_1	0	0	0	0
C4326_1	0	0	0	0
C4327_1	0	0	0	0
C2263_1	0	0	0	0
C2895_1	0	0	0	0
C2895_2	0	0	0	0
C4367_1	0	0	0	0
C2829_1	0	0	0	0
C5354_1	0	0	0	0
C5366_1	0	0	0	0
C5366_2	0	-0.05	0	0
C5366_3	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C5366_4	0	0	0	0
C5328_9	0	-0.2	0	0
C5328_11	0	0	0	0
C3775_1	0	0	0	0
C3775_2	0	-0.03	0	0.01
C3775_3	0	0	0	0
C2281_1	0	0	0	0
C2226_1	0	0	0	0
C3642_1	0	0	0	0
C2948_1	0	-0.05	0	0.02
C2949_1	0	0	0	0
C3726_1	0	0	0	0
C3453_1	0	0	0	0
C3690_1	0	0	0	0
C4046_1	0	0	0	0
C4315_1	0	0	0	0
C2299_1	0	0	0	0
C2831_1	0	0	0	0
C2879_1	0	0	0	0
C2879_2	0	0	0	0
C2883_1	0	0	0	0
C4222_1	0	0	0	0
C3754_1	0	0	0	0
C3675_1	0	0	0	0
C4226_1	0	0	0	0
C4108_1	0	0	0	0
C4108_2	0	0	0	0
C3736_1	0	0	0	0
C3558_1	0	0	0	0
C3651_1	0	0	0	0
C3651_2	0	0	0	0
C3660_2	0	0	0	0
C4360_1	0	0	0	0
C4360_2	0	0	0	0
C4767_1	0	0	0	0
C4316_1	0	0	0	0
C2236_1	0	0	0	0
C2834_1	0	0	0	0
C2838_1	0	0	0	0
C2839_1	0	0	0	0
C2863_1	0	0	0	0
C2978_1	0	0	0	0
C3002_1	0	0	0	0
C4361_1	0	0	0	0
C4319_1	0	0	0	0
C5360_1	0	0	0	0
C4072_3	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4001_1	0	0	0	0
C2932_1	0	0	0	0
C3704_1	0	0	0	0
C4195_1	0	0	0	0
C4057_1	0	0	0	0
C4031_1	0	0	0	0
C4031_2	0	0	0	0
C4031_3	0	0	0	0
C4031_4	0	0	0	0
C4031_5	0	0	0	0
C4170_1	0	0	0	0
C4054_1	0	0	0	0
C4054_2	0	0	0	0
C3771_1	0	0	0	0
C4106_1	0	0	0	0
C2950_1	0	0	0	0
C2930_1	0	0	0	0
C2222_1	0	0	0	0
C4122_1	0	0	0	0
C4176_1	0	0	0	0
C4009_1	0	0	0	0
C4010_1	0	0	0	0
C2221_1	0	0	0	0
C2255_1	0	0	0	0
C2255_2	0	0	0	0
C2255_3	0	0	0	0
C2869_1	0	-0.04	0	0.03
C2952_1	0	0	0	0
C3009_1	0	0	0	0
C3011_1	0	0	0	0
C3011_2	0	0	0	0
C3011_3	0	0	0	0
C3731_1	0	0	0	0
C3688_1	0	0	0	0
C4020_1	0	0	0	0
C4194_1	0	0	0	0
C2291_2	0	0	0	0
C3461_1	0	0	0	0
C3506_1	0	0	0	0
C4089_1	0	0	0	0
C3658_1	0	0	0	0
C2917_1	0	0	0	0
C4149_1	0	0	0	0
C4000_1	0	0	0	0
C4022_1	0	0	0	0
C2235_1	0	0	0	0
C2911_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C2935_1	0	0	0	0
C2935_2	0	0	0	0
C3755_1	0	0	0	0
C3755_2	0	0	0	0
C3740_1	0	0	0	0
C4338_1	0	0	0	0
C4339_1	0	0	0	0
C4147_1	0	0	0	0
C2220_1	0	0	0	0
C2981_1	0	0	0	0
C2981_2	0	0	0	0
C2981_3	0	0	0	0
C2982_1	0	0	0	0
C2983_1	0	0	0	0
C2984_1	0	0	0	0
C2985_1	0	0	0	0
C5319_1	0	0	0	0
C2965_1	0	0	0	0
C2965_2	0	0	0	0
C2966_1	0	-0.01	0.14	0.03
C3735_1	0	0	0	0
C3753_1	0	0	0	0
C3626_1	0	0	0	0
C2251_1	0	0	0	0
C4172_1	0	0	0	0
C4203_1	0	0	0	0
C4204_1	0	0	0	0
C4063_1	0	0	0	0
C3606_1	0	0	0	0
C2305_1	0	0	0	0
C3654_1	0	0	0	0
C3654_2	0	0	0	0
C2937_1	0	0	0	0
C2951_1	0	0	0	0
C4065_1	0	0	0	0
C4321_1	0	0	0	0
C3653_1	0	0	0	0
C4376_1	0	0	0	0
C4083_1	0	0	0	0
C2997_1	0	0	0	0
C3720_1	0	0	0	0
C3691_1	0	0	0	0
C3443_1	0	0	0	0
C4119_1	0	0	0	0
C4118_1	0	0	0	0
C3463_1	0	0	0	0
C4015_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4035_1	0	0	0	0
C4059_1	0	0	0	0
C4064_1	0	0	0	0
C4072_2	0	0	0	0
C3512_1	0	0	0	0
C4093_1	0	0	0	0
C4102_1	0	0	0	0
C4317_1	0	0	0	0
C2234_1	0	0	0	0
C2252_1	0	0	0	0
C2268_1	0	0	0	0
C2291_1	0	0	0	0
C2307_1	0	0	0	0
C3640_1	0	0	0	0
C2824_1	0	0	0	0
C2854_1	0	0	0	0
C2876_1	0	0	0	0
C2881_1	0	0	0	0
C2890_1	0	0	0	0
C2910_1	0	0	0	0
C2967_1	0	0	0	0
C2972_2	0	0	0	0
C3015_1	0	0	0	0
C3745_1	0	0	0	0
C4375_1	0	0	0	0
C3739_1	0	-0.03	0	0.01
C4138_1	0	0	0	0
C4112_1	0	0	0	0
C2973_1	0	0	0	0
C4220_1	0	0	0	0
C4023_1	0	0	0	0
C4050_1	0	0	0	0
C4049_1	0	0	0	0
C3742_1	0	0	0	0
C3742_2	0	-0.02	0	0.34
C3741_1	0	0	0	0
C3741_2	0	0	0	0
C3447_1	0	0	0	0
C4156_1	0	0	0	0
C4191_1	0	0	0	0
C4191_2	0	0	0	0
C4038_1	0	0	0	0
C4113_1	0	0	0	0
C4322_1	0	0	0	0
C3661_1	0	0	0	0
C4328_1	0	0	0	0
C3482_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4092_1	0	0	0	0
C4335_1	0	0	0	0
C3634_1	0	0	0	0
C3650_1	0	0	0	0
C3652_1	0	0	0	0
C2887_1	0	0	0	0
C4334_1	0	0	0	0
C4148_1	0	0	0	0
C3459_1	0	0	0	0
C4077_1	0	0	0	0
C4079_1	0	0	0	0
C2891_1	0	0	0	0
C4012_8	0	0	0	0
C4047_1	0	0	0	0
C4133_1	0	0	0	0
C4144_1	0	0	0	0
C4145_1	0	0	0	0
C3544_1	0	0	0	0
C4107_1	0	0	0	0
C4329_1	0	0	0	0
C4329_2	0	0	0	0
C2219_1	0	0	0	0
C2283_1	0	0	0	0
C2852_1	0	0	0	0
C2873_1	0	0	0	0
C2900_1	0	0	0	0
C4348_1	0	0	0	0
C4027_1	0	0	0	0
C4091_1	0	0	0	0
C3653_3	0	0	0	0
C2244_1	0	0	0	0
C2245_1	0	0	0	0
C3721_1	0	0	0	0
C5323_1	0	0	0	0
C2298_1	0	0	0	0
C3013_1	0	0	0	0
C4037_1	0	0	0	0
C3440_2	0	0	0	0
C3548_1	0	0	0	0
C4210_1	0	0	0	0
C2920_1	0	0	0	0
C3768_1	0	0	0	0
C4353_1	0	0	0	0
C4354_1	0	0	0	0
C3593_1	0	0	0	0
C4324_1	0	0	0	0
C2940_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3005_1	0	0	0	0
C2909_1	0	0	0	0
C2813_1	0	-0.05	0	0.02
C4173_1	0	0	0	0
C4032_1	0	0	0	0
C3522_1	0	0	0	0
C3546_1	0	0	0	0
C2313_1	0	0	0	0
C3657_1	0	0	0	0
C3454_1	0	0	0	0
C4041_1	0	0	0	0
C4042_1	0	0	0	0
C2841_1	0	0	0	0
C2842_1	0	0	0	0
C3696_1	0	0	0	0
C4087_1	0	0	0	0
C3614_1	0	0	0	0
C2227_1	0	0	0	0
C2934_1	0	0	0	0
C4132_1	0	0	0	0
C4166_1	0	0	0	0
C4002_1	0	0	0	0
C3467_1	0	0	0	0
C2259_1	0	0	0	0
C2287_1	0	0	0	0
C2288_1	0	0	0	0
C2821_1	0	0	0	0
C2822_1	0	0	0	0
C2859_1	0	0	0	0
C2894_1	0	0	0	0
C2896_1	0	0	0	0
C2901_1	0	0	0	0
C2931_1	0	0	0	0
C2991_1	0	0	0	0
C4369_1	0	0	0	0
C3448_1	0	0	0	0
C2995_1	0	0	0	0
C5357_6	0	0	0	0
C2246_1	0	0	0	0
C3721_2	0	0	0	0
C2996_1	0	0	0	0
C2996_2	0	0	0	0
C3479_1	0	0	0	0
C3623_1	0	0	0	0
C3623_2	0	0	0	0
C3624_1	0	0	0	0
C3624_2	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4216_1	0	0	0	0
C3500_1	0	0	0	0
C2990_1	0	0	0	0
C4135_1	0	0	0	0
C4350_1	0	0	0	0
C3666_1	0	0	0	0
C2924_1	0	0	0	0
C3553_1	0	0	0	0
C4088_1	0	0	0	0
C4337_1	0	0	0	0
C2225_1	0	0	0	0
C2922_1	0	0	0	0
C2945_1	0	0	0	0
C4080_1	0	0	0	0
C4081_1	0	0	0	0
C4076_1	0	0	0	0
C4076_2	0	0	0	0
C4011_1	0	0	0	0
C4110_1	0	0	0	0
C2308_1	0	0	0	0
C3631_1	0	0	0	0
C3656_1	0	0	0	0
C2826_1	0	0	0	0
C2833_1	0	0	0	0
C3747_1	0	0	0	0
C3772_1	0	0	0	0
C3708_1	0	0	0	0
C3698_1	0	0	0	0
C3514_1	0	0	0	0
C2851_2	0	0	0	0
C3451_1	0	0	0	0
C3451_2	0	0	0	0
C3511_1	0	0	0	0
C3757_1	0	0	0	0
C4186_1	0	0	0	0
C4186_2	0	0	0	0
C4342_2	0	0	0	0
C2230_1	0	0	0	0
C2231_1	0	0	0	0
C4040_1	0	0	0	0
C3452_1	0	0	0	0
C3694_1	0	0	0	0
C4140_1	0	0	0	0
C4164_1	0	0	0	0
C2258_1	0	0	0	0
C2266_1	0	0	0	0
C2269_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C2272_1	0	0	0	0
C2278_1	0	0	0	0
C2302_1	0	0	0	0
C2820_1	0	0	0	0
C2832_1	0	0	0	0
C2847_1	0	0	0	0
C2850_1	0	0	0	0
C2850_2	0	0	0	0
C2885_1	0	0	0	0
C2886_1	0	0	0	0
C2941_1	0	0	0	0
C5284_1	0	0	0	0
C3627_1	0	0	0	0
C2843_1	0	0	0	0
C2844_1	0	0	0	0
C4356_1	0	0	0	0
C3730_1	0	0	0	0
C2825_1	0	0	0	0
C2921_1	0	0	0	0
C3592_1	0	0	0	0
C3540_1	0	0	0	0
C3540_2	0	0	0	0
C4127_1	0	0	0	0
C3006_1	0	0	0	0
C3749_1	0	0	0	0
C4196_1	0	0	0	0
C3495_1	0	0	0	0
C4141_1	0	0	0	0
C3620_1	0	0	0	0
C2270_1	0	0	0	0
C3633_1	0	0	0	0
C3490_1	0	0	0	0
C3632_1	0	0	0	0
C3713_1	0	0	0	0
C3455_1	0	0	0	0
C3530_1	0	[redacted]	[redacted]	0
C3530_2	0	[redacted]	[redacted]	0
C3530_4	0	0	0	0
C4325_1	0	0	0	0
C3646_1	0	0	0	0
C3003_1	0	0	0	0
C4068_1	0	0	0	0
C3534_1	0	0	0	0
C3540_3	0	0	0	0
C3618_1	0	0	0	0
C3618_2	0	0	0	0
C3618_4	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C4320_1	0	0	0	0
C2250_1	0	0	0	0
C3004_1	0	0	0	0
C3518_1	0	0	0	0
C4090_1	0	0	0	0
C3469_1	0	0	0	0
C3492_1	0	0	0	0
C4167_1	0	0	0	0
C4056_1	0	0	0	0
C3520_1	0	0	0	0
C3550_1	0	0	0	0
C3620_2	0	0	0	0
C3709_1	0	0	0	0
C4157_1	0	0	0	0
C2261_1	0	0	0	0
C2262_1	0	0	0	0
C2279_1	0	0	0	0
C2300_1	0	0	0	0
C2309_1	0	0	0	0
C2836_1	0	0	0	0
C2858_1	0	0	0	0
C2861_1	0	0	0	0
C2897_1	0	0	0	0
C2905_1	0	0	0	0
C2908_1	0	0	0	0
C2960_1	0	0	0	0
C3001_1	0	0	0	0
C3668_1	0	0	0	0
C3487_1	0	0	0	0
C2216_1	0	0	0	0
C2215_1	0	0	0	0
C2228_1	0	0	0	0
C3572_1	0	0	0	0
C2201_1	0	0	0	0
C2232_1	0	0	0	0
C3547_1	0	0	0	0
C3504_1	0	0	0	0
C2247_1	0	0	0	0
C2249_1	0	0	0	0
C3556_1	0	0	0	0
C3557_1	0	0	0	0
C3709_2	0	0	0	0
C3710_1	0	0	0	0
C3667_1	0	0	0	0
C3617_1	0	0	0	0
C3541_1	0	0	0	0
C3618_3	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3549_1	0	0	0	0
C2845_1	0	0	0	0
C2846_1	0	0	0	0
C3719_1	0	0	0	0
C2955_1	0	0	0	0
C3505_1	0	0	0	0
C3481_1	0	0	0	0
C3517_1	0	0	0	0
C3678_1	0	0	0	0
C3496_1	0	0	0	0
C5355_1	0	0	0	0
C3703_1	0	0	0	0
C2816_1	0	0	0	0
C2815_1	0	0	0	0
C3689_1	0	0	0	0
C3539_1	0	0	0	0
C3533_1	0	0	0	0
C5351_2	0	0	0	0
C3474_1	0	0	0	0
C3521_1	0	0	0	0
C4109_1	0	0	0	0
C3475_1	0	0	0	0
C3699_1	0	0	0	0
C3523_1	0	0	0	0
C3615_1	0	0	0	0
C3616_1	0	0	0	0
C3554_1	0	0	0	0
C3593_2	0	0	0	0
C3483_1	0	0	0	0
C3718_2	0	0	0	0
C5275_1	0	0	0	0
C5275_2	0	0	0	0
C3579_1	0	0	0	0
C3596_1	0	0	0	0
C3530_3	0	0	0	0
C3528_1	0	0	0	0
C3528_2	0	0	0	0
C3488_1	0	0	0	0
C3695_1	0	0	0	0
C3676_1	0	0	0	0
C4134_1	0	0	0	0
C3489_1	0	0	0	0
C3525_1	0	0	0	0
C2276_1	0	0	0	0
C2276_4	0	0	0	0
C2276_5	0	0	0	0
C2276_6	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3473_1	0	0	0	0
C3726_2	0	0	0	0
C3670_1	0	0	0	0
C3700_1	0	0	0	0
C3457_1	0	0	0	0
C3714_1	0	0	0	0
C2241_1	0	0	0	0
C2242_1	0	0	0	0
C3611_1	0	0	0	0
C4029_1	0	0	0	0
C3581_1	0	0	0	0
C3711_1	0	0	0	0
C3711_2	0	0	0	0
C3711_3	0	0	0	0
C3677_1	0	0	0	0
C3677_2	0	0	0	0
C2929_1	0	0	0	0
C3682_1	0	0	0	0
C3493_1	0	0	0	0
C3543_1	0	0	0	0
C3484_1	0	0	0	0
C3519_1	0	0	0	0
C4043_1	0	0	0	0
C3568_1	0	0	0	0
C5271_3	0	0	0	0
C5271_4	0	0	0	0
C5271_5	0	0	0	0
C3585_1	0	0	0	0
C3586_1	0	0	0	0
C3587_1	0	0	0	0
C3588_1	0	0	0	0
C3589_1	0	0	0	0
C3590_1	0	0	0	0
C2240_1	0	0	0	0
C4169_1	0	0	0	0
C4169_2	0	0	0	0
C4347_1	0	0	0	0
C3442_1	0	0	0	0
C3498_1	0	0	0	0
C2205_1	0	0	0	0
C3594_1	0	0	0	0
C3619_1	0	0	0	0
C4021_1	0	0	0	0
C4021_2	0	0	0	0
C5343_1	0	0	0	0
C5343_2	0	0	0	0
C3494_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3501_1	0	0	0	0
C3532_1	0	0	0	0
C2848_1	0	0	0	0
C2849_1	0	0	0	0
C3536_1	0	0	0	0
C3546_2	0	0	0	0
C4016_1	0	0	0	0
C3613_1	0	0	0	0
C3552_1	0	0	0	0
C2846_2	0	0	0	0
C2208_1	0	0	0	0
C2208_2	0	0	0	0
C3645_1	0	0	0	0
C3610_1	0	0	0	0
C3767_1	0	0	0	0
C3609_1	0	0	0	0
C3535_1	0	0	0	0
C3608_1	0	0	0	0
C2206_1	0	0	0	0
C2207_1	0	0	0	0
C3569_1	0	0	0	0
C3707_2	0	0	0	0
C5268_1	0	0	0	0
C5276_1	0	0	0	0
C3722_1	0	0	0	0
C4213_6	0	0	0	0
C4213_9	0	0	0	0
C5290_1	0	0	0	0
C4097_1	0	-0.01	0	0
C4024_1	0	0	0	0
C3679_1	0	0	0	0
C4025_1	0	0	0	0
C4025_2	0	0	0	0
C4026_1	0	0	0	0
C4017_1	0	0	0	0
C4018_1	0	0	0	0
C4084_1	0	0	0	0
C4084_2	0	0	0	0
C2946_1	0	0	0	0
C5298_1	0	0	0	0
C4360_3	0	0	0	0
C5274_1	0	0	0	0
C4003_1	0	0	0	0
C4069_1	0	0	0	0
C4085_1	0	0	0	0
C4085_2	0	0	0	0
C5292_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3671_1	0	0	0	0
C3672_1	0	0	0	0
C3674_1	0	0	0	0
C3673_1	0	0	0	0
C4217_1	0	0	0	0
C2944_1	0	0	0	0
C3685_1	0	0	0	0
C4185_1	0	0	0	0
C3497_1	0	0	0	0
C4086_1	0	0	0	0
C3629_1	0	0	0	0
C5328_10	0	-0.02	0	0
C3684_1	0	0	0	0
C3683_1	0	0	0	0
C4106_3	0	0	0	0
C3659_2	0	0	0	0
C4007_1	0	0	0	0
C4333_1	0	0	0	0
C3644_1	0	0	0	0
C5345_3	0	0	0	0
C5345_4	0	0	0	0
C3637_2	0	0	0	0
C3664_1	0	0	0	0
C2958_1	0	0	0	0
C2958_2	0	0	0	0
C2958_3	0	0	0	0
C3729_1	0	0	0	0
C5308_1	0	0	0	0
C4048_1	0	0	0	0
C4048_2	0	0	0	0
C3686_1	0	0	0	0
C3687_1	0	0	0	0
C5357_7	0	0	0	0
C5357_8	0	0	0	0
C2211_1	0	0	0	0
C4105_1	0	0	0	0
C4105_2	0	0	0	0
C5311_1	0	0	0	0
C3768_2	0	0	0	0
C3455_2	0	0	0	0
C2954_1	0	0	0	0
C4184_1	0	0	0	0
C3462_1	0	0	0	0
C3759_1	0	0	0	0
C3759_2	0	0	0	0
C2209_1	0	0	0	0
C4036_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
C3727_1	0	0	0	0
C5273_1	0	0	0	0
C3681_1	0	0	0	0
C4349_1	0	0	0	0
C4349_2	0	0	0	0
C4349_3	0	0	0	0
C3411_1	0	0	0	0
C4024_2	0	0	0	0
C3665_1	0	0	0	0
C3680_1	0	0	0	0
C2943_1	0	0	0	0
C4211_3	0	0	0	0
C5325_2	0	0	0	0
C5325_3	0	0	0	0
C2315_3	0	0	0	0
C3685_2	0	0	0	0
C2273_1	0	0	0	0
C2273_2	0	0	0	0
P3763_1	0	-0.03	0	0.01
P3762_1	0	0	0	0
P3761_1	0	0	0	0
C3707_3	0	0	0	0
C3707_4	0	0	0	0
C4372_1	0	0	0	0
C4372_2	0	0	0	0
P3813_1	0	0	0	0
C5362_1	0	0	0	0
P4146_1	0	0	0	0
P3851_1	0	0	0	0
C4040_2	0	0	0	0
C4358_1	0	0	0	0
C4359_2	0	0	0	0
P3915_1	0	0	0	0
C5312_1	0	0	0	0
P4124_1	0	0	0	0
P4124_2	0	0	0	0
P3936_1	0	0	0	0
C3007_2	0	0	0	0
P4000_1	0	0	0	0
P4003_1	0	0	0	0
P4002_1	0	0	0	0
P4002_2	0	0	0	0
P4015_1	0	0	0	0
P4015_2	0	0	0	0
P4014_1	0	0	0	0
P3939_1	0	0	0	0
C4355_7	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
P4013_1	0	0	0	0
P4012_1	0	0	0	0
P4017_1	0	-0.03	0	0
C5286_2	0	0	0	0
C5286_3	0	0	0	0
C5286_4	0	0	0	0
C5285_1	0	0	0	0
P4011_1	0	-0.04	0	0.01
P4011_2	0	0	0	0
P4016_2	0	0	0	0
P4016_1	0	0	0	0
P4024_1	0	0	0	0
P4042_1	0	0	0	0
P4023_1	0	0	0	0
C4371_2	0	0	0	0
P4009_1	0	0	0	0
P4010_2	0	0	0	0
P4135_1	0	0	0	0
P4035_1	0	0	0	0
P4064_1	0	0	0	0
P4063_1	0	0	0	0
P4063_2	0	0	0	0
C5322_6	0	-0.12	0	0
P4080_1	0	0	0	0
P4078_1	0	0	0	0
C4363_2	0	0	0	0
C4366_2	0	0	0	0
P4076_1	0	0	0	0
P4095_1	0	0	0	0
P4109_1	0	0	0	0
P4016_3	0	-0.02	0	0.01
C2953_1	0	0	0	0
C2953_2	0	0	0	0
C2953_3	0	0	0	0
C5346_5	0	0	0	0
P4128_1	0	0	0	0
P4201_1	0	0	0	0
P4145_1	0	0	0	0
P4132_1	0	0	0	0
C5349_3	0	0	0	0
C5349_4	0	0	0	0
P4166_1	0	0	0	0
C5355_3	0	0	0	0
P4216_1	0	0	0	0
P4216_2	0	0	0	0
P4218_1	0	0	0	0
P4212_1	0	-0.02	0.14	0.01

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
P4221_1	0	0	0	0
P4232_1	0	-0.01	0	0
P4258_1	0	0	0	0
P4266_1	0	0	0	0
P4279_1	0	-0.01	0	0
P4279_2	0	0	0	0
P4296_1	0	0	0	0
P4296_2	0	0	0	0
P4296_3	0	0	0	0
P4280_1	0	0	0	0
P5000_1	0	0	0	0
C5292_2	0	0	0	0
C5338_2	0	0	0	0
P5023_1	0	0	0	0
P5023_2	0	0	0	0
C3470_5	0	0	0	0
C3470_6	0	0	0	0
C3470_7	0	0	0	0
C3470_8	0	0	0	0
C5343_3	0	0	0	0
C5343_4	0	0	0	0
P5076_1	0	0	0	0
P5077_1	0	0	0	0
P5085_1	0	0	0	0
P5094_1	0	-0.02	0	0
P5148_1	0	0	0	0
P5162_1	0	0	0	0
P5164_1	0	0	0	0
P5094_2	0	0	0	0
C5307_2A	0	0	0	0
C5307_4	0	0	0	0
P5230_1	0	0	0	0
P5242_1	0	0	0	0
P5256_1	0	0	0	0
P5282_1	0	0	0	0
P5290_1	0	0	0	0
P5290_2	0	0	0	0
P5319_1	0	0	0	0
P5329_1	0	0	0	0
P5329_2	0	0	0	0
P5330_1	0	0	0	0
P5354_1	0	0	0	0
P5359_1	0	0	0	0
P5385_1	0	0	0	0
C4024_3	0	0	0	0
P5405_1	0	0	0	0
P5435_1	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
P5458_1	0	0	0	0
P5473_1	0	0	0	0
P5533_2	0	0	0	0
P5551_4	0	0	0	0
P5552_1	0	0	0	0
C3705_3	0	0	0	0
P5567_1	0	0	0	0
P5566_1	0	0	0	0
P5570_1	0	0	0	0
P4095_2	0	0	0	0
P5677_1	0	0	0	0
P5586_1	0	0	0	0
C5332_1	0	-0.07	0	0
P5692_1	0	0	0	0
C3775_4	0	0	0	0
P5744_1	0	0	0	0
P5744_2	0	0	0	0
P5752_1	0	0	0	0
P5759_1	0	0	0	0
C4107_2	0	0	0	0
P5767_1	0	0	0	0
P5770_1	0	0	0	0
P3809_4	0	0	0	0
C2991_2	0	0	0	0
P5791_1	0	0	0	0
P5803_1	0	0	0	0
P5816_1	0	0	0	0
PSMT2_LS_MUN	0	0	0	0
PSMT2_LS_IND	0	0	0	0
PSMT2_LS_IRR	0	0	0	0
PSMT2_LS_MIN	0	0	0	0
PSMT2_US	0	0	0	0
PCTT2_LS_MUN	0	0	0	0
PCTT2_LS_IRR	0	0	0	0
GBYT2_LS_MUN	0	0	0	0
GBYT2_LS_IND	0	0	0	0
GBYT2_LS_LUM	0	0	0	0
GBYT2_LS_IRR	0	0	0	0
GBYT2_LS_MIN	0	0	0	0
WTYT2_LS_MUN	0	0	0	0
WTYT2_LS_IRR	0	0	0	0
ALAT2_LS_MUN	0	-0.02	0	0
BLNT2_LS_MUN	0	0	0	0
BLNT2_LS_MUN2	0	0	0	0
BLNTSTIT_SYS_MUN	0	0	0	0
BLNTSTIT_SYS_BU	0	0	0	0
STIT2_LS_MUN	0	0	0	0

NAME	Difference in Target Diversion (Ac-Ft/Yr)	Difference in Mean Shortage (Ac-Ft/Yr)	Difference in % Reliability	
			Period	Volume
STIT2_LS_IRR	0	0	0	0
GGLTGLKT_SYS_MUN	0	-0.04	0	0.01
GGLTGLKT_SYS_BU	-0.1	-0.04	0	0
GGLTSTIT_SYS_MUN	-0.1	-0.04	0	0
GGLTSTIT_SYS_BU	0	-0.12	0	0
GGLT2_LS_MUN	-0.1	0	0	0
GLKT2_LS_MUN	0	0	0	0
GLKT2_LS_IRR	0	0	0	0
SOMT2_LS_MUN	0	0	0	0
LLST2_LS_MUN	0	0	0	0
LLST2_LS_IND	0	0	0	0
PLOT2_DS_IND	0	0	0	0
DNNT2_DS_IRR	0	0	-0.15	0
DNNT2_DS_MIN	0	0	0	0
GBYT2_DS_IRR	0	0	0	0
GBYT2_DS_MIN	0	0	0	0
WTYT2_DS_IND	0	-0.11	0	0
WTYT2_DS_INDSYS	-0.1	0	0	0
BLNT2_DS_TEMPLE	0	0	0	0
BLNT2_DS_IRR	0	0	0	0
STIT2_DS_IRR	0	0	0	0
LLST2_DS_MUN	0	0	0	0
LLST2_DS_TMPA	0	0	0	0
HIBT2_DS_MUN	0	0	0	0
YEGBR_DS_MUN	0	0	0	0
BBZT2_DS_IRR	0	0	0	0
YEGBR_DS_IRR	0	0	0	0
GLKT2_DS_IND	0	0	0	0
NAVBR_DS_IRR	0	0	0	0
RMOT2_SYS_IRR	0	0	0	0
ROST2_SYS_MUN	0	0	0	0
RMOT2_SYS_NRG	0	0	0	0
RMOT2_SYS_NRG2	0	0	0	0
ROST2_SYS_GCWA	0	0	0	0
ROST2_SYS_DOW	0	0	0	0
ROST2_SYS_FIXED	0	0	0	0
ROST2_SYS_YIELD	0	0	0	0
P5899_2	0	0	0	0
P5931_2	0	0	0	0
1BUCLIF_MERI	0	0	0	0
C5157_2	0	0	0	0
WHITHYDRO	0	-0.4	0	0

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