

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

Devoyd Jeannings

Representing:

Fort Worth Metro Black Chapter

Mailing Address:

1150 South Freeway #24

Daytime Telephone:

817-332-6666

E-mail Address:

jeannings@fwmbcc.org

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
- My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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Please note that all comments are given equal consideration, whether in person or in writing. Written comments may also be submitted as follows:

Mail:

Saji Alummutilil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail:

Saji.Alummutilil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Urban McKeever

Representing: Streams and Valleys

Mailing Address: PO Box 101373 FT WORTH TX 76185

Daytime Telephone: 817 926 0006

E-mail Address: urban.mckeever@frost.com

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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Elaine Petros

Representing: Streams & Valleys

Mailing Address: 3736 Country Club Circle

Daytime Telephone: 817-924-8890

E-mail Address: _____

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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: GREG KILTS
Representing: Woodhaven Neighborhood Assoc
Mailing Address: 720 Oakwood Trail 76112
Daytime Telephone: 817 825 8545
E-mail Address: sajecper@army.mil.com

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E-mail: Saji.Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: JEFF DAOLS

Representing: insurance and down town fort worth inc

Mailing Address: 420 Thackeray St 76102

Daytime Telephone: 817 999-6154

E-mail Address: JeffDaols@republictvl.com

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Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: RICHARD SMITH

Representing: RACE STREET PROPERTIES

Mailing Address: 3803 CLAYCE LANE, DALLAS 75220

Daytime Telephone: 214-587-0331

E-mail Address: rsmith@sbccglobal.net

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E-mail: Saji.Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: LEE D. SMITH
Representing: FORT WORTH ROWING CLUB
Mailing Address: 1708 POWELL DR, ARLINGTON 76013
Daytime Telephone: 817-274-4676
E-mail Address: LEEDSMITH@TX-RR.COM

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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: MAAK PRESSWOOD

Representing: CAEL BELL ; THE FORT WORTH CARS & BLS DEPARTMENT

Mailing Address: P.O. Box 4411, FW 76164

Daytime Telephone: 817.226-2287

E-mail Address: MAAK.PRESSWOOD@FWCARS.COM

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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Thad Brundrett

Representing: Greater Fort Worth Real Estate Council

Mailing Address: PO Box 470474, Fort Worth, TX 76147

Daytime Telephone: 817.480.1060 (GFW REC) 817 735.6166 (Jacobs Carter Burgess)

E-mail Address: thad.brundrett@jacobs.com

- I support the Gateway Park/Central City Project
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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: JAMES

Representing: Self

Mailing Address: Self 417. 18th St, Fort. TX.

Daytime Telephone: 817. 690. 1818

E-mail Address: ALUMMUTTI@USACE.COM

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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Sasda Smith

Representing: MC
2257 Coltrane Ave FW 78110

Mailing Address: 2257 Coltrane Ave FW 78110

Daytime Telephone: 817-721-6056

E-mail Address: shpercjr1@charter.net

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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: ROSS STEPHENS

Representing: LINK OUR TRAILS CITY TO CITY W^N-E

Mailing Address: 4701 THREE RIVER COURT FORT WORTH, TX 76103

Daytime Telephone: 817-429-2610

E-mail Address: _____

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E-mail: Saji.Alummattil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Jack Kendrick
Representing: Streams & Valleys
Mailing Address: 1145 Clara St
Daytime Telephone: 817 / 924-2800
E-mail Address: Kendrick_jack@charter.net

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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Price Hulse

Representing: _____

Mailing Address: 5124 West Vickery Blvd, Fort Worth, TX. 76107

Daytime Telephone: 817-924-0148

E-mail Address: pricehulse@fwisco.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Robin Fuller
Representing: Fort Worth Bowling Club
Mailing Address: 6116 Hillside Dr Kennedale, TX 76060
Daytime Telephone: 817-829-3387
E-mail Address: robinjs30@yahoo.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Kathy Lord
Representing: Fort Worth Kowling
Mailing Address: 2021 Forest Park Blvd.
Daytime Telephone: 817-207-0488
E-mail Address: Klord@yaho.com

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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Justin McWilliams
Representing: Race Street Properties
Mailing Address: 2909 Race Street
Daytime Telephone: 817-222-2300
E-mail Address: JustinMcWilliams@sbcglobal.net

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E-mail: Saji.Alummuttil@usace.army.mil

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/20/2008 2:28:42 PM -06'00'

 Reviewers note: No comments were provided on back of this form.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Tim Petrus

Representing: _____

Mailing Address: 3736 Country Club Circle

Daytime Telephone: (817) 924-8898

E-mail Address: Tim_Petrus@xfoenergy.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Curtis Carley
Representing: Fort Worth Rowing Club
Mailing Address: 8120 Salt River Rd, Ft Worth, 76137
Daytime Telephone: 817-245-6316
E-mail Address: curtis.carley@sbcglobal.net

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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Kay Smith

Representing: TX ReEntry Services, Inc

Mailing Address: 3001 Race St, Ft Worth, TX 76111

Daytime Telephone: 817.834.2833

E-mail Address: KSmith@TXRS.org

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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

LYN RANNEBARGER

Representing:

SWANKY SHACK

Mailing Address:

2815 RACE ST.

Daytime Telephone:

817-238-3216

E-mail Address:

lrannebarger@yahoo.com

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E-mail: Saji.Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

C. Arathynne Capwell

Representing:

North Powers

Mailing Address:

2801 Race St.

Daytime Telephone:

817-834-2856

E-mail Address:

idealpri@sbcglobal.net

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Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail:

Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: James Couvel

Representing: Neighborhood home owner

Mailing Address: 3824 Kearby St.

Daytime Telephone: 817-688-6663

E-mail Address: _____

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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Elizabeth Espino

Representing: Reunion Title

Mailing Address: 3009 Race Street

Daytime Telephone: 817-624-3352

E-mail Address: eespino@reuniontitle.com

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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Craig Campbell
Representing: Dan Campbell Inc
Mailing Address: 3015-29 Rice St Ft Worth TX 76111
Daytime Telephone: 817-834-6277
E-mail Address: cces@danccampbell.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: JIM COOK

Representing: FWRC

Mailing Address: 5913 RIVERBEND PLACE FT WORTH, TEXAS 76112

Daytime Telephone: 817-451-7390

E-mail Address: _____

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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Robert Webb

Representing: _____

Mailing Address: 3409 Montville Park

Daytime Telephone: 214-528-1290

E-mail Address: robwebb@shcglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
NO
- I wish to present oral comments during the public forum (limit: 3 minutes)
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E-mail: Saji.Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Estela Ramirez

Representing: Farmers

Mailing Address: 2911 Race St.

Daytime Telephone: 817-881-4200

E-mail Address: eramirez1@farmersagent.com

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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Kristen Laramore
Representing: Fort Worth Bowling Club
Mailing Address: 409 Locke Ave, F.W. 76107
Daytime Telephone: 817. 735. 7334
E-mail Address: _____

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COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Erlich Casio
Representing: FWD Bowling Club
Mailing Address: 4713 Vanhook - FORT 76132
Daytime Telephone: 817-909-7887
E-mail Address: ecasio@alliedhome.net.com

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COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: LOFTIN WITCOVER

Representing: STREAMS & VALLEYS

Mailing Address: 3985 W. VICKERY 76107

Daytime Telephone: 817/209-1144

E-mail Address: L.WITCOVER@CHARTEK.NET

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COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: SARA WILLIAMS

Representing: _____

Mailing Address: 5312 NORTHCREST ROAD, FORT WORTH TX 76107

Daytime Telephone: 817-926-9246

E-mail Address: s.djwilliams@aol.com

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
- My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

Fort Worth Hispanic Chamber of Commerce

Representing:

Rosa Navjar

Mailing Address:

1327 W. Main St

Daytime Telephone:

817.625.5411

E-mail Address:

rosa.navjar@justice.org

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Mail:

Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail:

Saji.Alummuttil@usace.army.mil

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/20/2008 2:31:14 PM -06'00'

 Reviewers note: No comments were provided on the back of this form.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: JIM BECKMANN

Representing: SELF

Mailing Address: 3116 W. COTHST. FT. WORTH 76107

Daytime Telephone: 817-855-7808

E-mail Address: jim.b.@kprop.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Martha Granger
Representing: Granger Group
Mailing Address: 715 Jones #201 Ft W TX 76102
Daytime Telephone: 877-885
E-mail Address: marthagranger@yahoo.com

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummattil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummattil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Holly Coanowel

Representing: _____

Mailing Address: 3114 Westcliff Rd W. Ft TX 76107

Daytime Telephone: 817 921 2298

E-mail Address: vhcoanowel@aol.com

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummutil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Rob Costanzo

Representing: H6C Residential Development

Mailing Address: 3114 Westcliff Rd W, Fw TX 76109

Daytime Telephone: 817-4336-5122

E-mail Address: ~~rob~~ rob@h6cdevelopment.com

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E-mail: Saji Alummuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

Nana Johnson

Representing:

Mailing Address:

3604 SUFFOLK DR

Bedford TX 76109

Daytime Telephone:

817-885-2274

E-mail Address:

- I support the Central City Project – Gateway Park Improvement Plan
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Mail:

Saji Alumuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail:

Saji Alumuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Linda Rutherford

Representing: _____

Mailing Address: 2011 Arborcrest Dr. Arlington, TX 76012

Daytime Telephone: _____

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Tim Rutherford

Representing: _____

Mailing Address: 825 Sunset Oaks

Daytime Telephone: 817-703-9951

E-mail Address: tim.Rutherford1221@yahoo

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Tommy Simmons

Representing: F/W Training Clubs

Mailing Address: 2020 Windsor

Daytime Telephone: 817 280 2132

E-mail Address: ansurait@hotmail

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Julie Kleberg
Representing: Self + family use / Stream Valley
Mailing Address: 104 Hazardwood Dr. 76107
Daytime Telephone: _____
E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Ewen Perez

Representing: Fort Worth Rowing Club.

Mailing Address: 2938 5th Ave

Daytime Telephone: 817-921-0509

E-mail Address: ggp@frcse.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name:

Jerome Miller

Representing:

FW Planning Commission

Mailing Address:

4725 90th St. NW 76137

Daytime Telephone:

817 485 2268

E-mail Address:

jerremil@aol.com

- I support the Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
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- I oppose the Central City Project
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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name:

Jim Rutherford

Representing:

Rutherford Property Co.

Mailing Address:

6731 Bridge St #123

Daytime Telephone:

817 - 703-9951

E-mail Address:

JimRutherford1221@yahoo.com

- I support the Central City Project
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E-mail: Saji Alumuttill@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: George Vernon Chiles

Representing: _____

Mailing Address: 2800 Jennings Fort Worth TX 76105

Daytime Telephone: NONE

E-mail Address: NONE

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: LIBBY WILLS

Representing: _____

Mailing Address: 2300 PRIMROSE FW 76111

Daytime Telephone: 817/838-8140

E-mail Address: libby59@speglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummutil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: MARK BIE IANOWICZ

Representing: MYSELF

Mailing Address: 417 Mc Kinley CEDAR Hill TX

Daytime Telephone: 972 978 7480

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Kayla Caraway
Representing: _____

Mailing Address: 5764 Fenway Ct M6137

Daytime Telephone: 817-307-1374

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

COMMENT REGISTRATION FORM

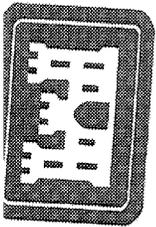
Fort Worth Central City Project
January 24, 2008

Name: Clyde Picht
Representing: CITIZENS OF FORT WORTH
Mailing Address: 5016 MONARDA LANE FLS 76125
Daytime Telephone: 817 294 0396
E-mail Address: picht@landslifeycle.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji Alummutil@usace.army.mil



**US Army Corps
of Engineers**

Fort Worth District

How are we doing? Please tell us!

Your comments/suggestions are important to us. Please share your thoughts by completing this card and dropping it in the mail, or send us an E-mail to Public.Affairs@swf02.usace.army.mil

Although the personal information requested below is optional, we will need it if you wish a response. Thank you!

Project/Subject:

Comments:

I fully support the Trinity Uptown Project and proposed expansion to include the Snow/Cathey Park area as a property owner.

(Optional)

Name: Lewis Wall

Address: 301 Commerce

Phone and/or E-mail Address:

Organization:

Suite 1500, Ft Worth TX 76102
Wall@bwwllaw.com

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Eric Fox _____

Representing: myself _____

Mailing Address: 3513 Overton Park Drive East, Fort Worth, Texas 76109 _____

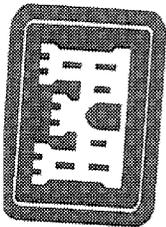
Daytime Telephone: 817-319-0132 _____

E-mail Address: eric.v.fox@lmco.com _____

- X I **support** the Gateway Park/Central City Project
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I **oppose** the Gateway Park/Central City Project
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**US Army Corps
of Engineers**
Fort Worth District

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Although the personal information requested below is optional, we will need it if you wish a response. Thank you!

Project/Subject:

Gateway Park/Trinity Upstream Project

Comments:

As it appears I am in support of the project.

(Optional)

Name:

Tim LaPoint

Address:

1109 Samuels Ave

Phone and/or E-mail Address:

tim.lapoint@tccd.edu

Organization:

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Connie Rensink
Representing: River Trails HOA
Mailing Address: P.O. Box 185014 FW TX 76181
Daytime Telephone: 817-360-1500
E-mail Address: Conniesteve@charter.net

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

Connie Rensink
River Trails HOA

We are excited to see the further development of this park. We are particularly interested in trails to connect Gateway to Quannah park.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Sandra + George Everett

Representing: ourselves - residents

Mailing Address: 4218 Kenwood Ct. Fort Worth TX 76103

Daytime Telephone: 817-535-2699

E-mail Address: georgeeverett@sbcglobal.net

- I support the Central City Project - Gateway Park Improvement Plan
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Conditional

*See comment/
question on
reverse.*

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E-mail: Saji.Alummuttil@usace.army.mil

Sandra and George Everett
Residents

In light of all the activity - construction,
injection well, etc. - related to gas well
drilling by Chesapeake on land adjacent to
Gateway Park  at the intersection of Oakland Blvd
and First St, an environmental impact study
of the effects of runoff from this
industrial/construction area and interaction
with the flood plain in Gateway Park ^{surrounding} is ^{and}
essential prior to the decision to go forward
with the wonderful plans for improving the
park.

Sequence number: 1

Author: USACE

Subject: Note

Date: 2/25/2008 10:55:43 AM -06'00'



This site is downstream of Gateway Park and is not expected to detrimentally impact project features located in Gateway Park. The cumulative impacts of oil and gas exploration have been included within the Draft Supplemental EIS and this site specific information will be considered during the preparation of the Final Supplement.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Debbie L. Sheffield

Representing: _____

Mailing Address: 16628 Brookshire TR NRH TX 76181

Daytime Telephone: _____

E-mail Address: _____

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Mail: Saji Alumnuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alumnuttil@usace.army.mil

How and why would you, the Corp, even consider re-routing a river when Big Fossil Creek has had to be "studied" for more than a decade

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 10:59:21 AM -06'00'



The Corps of Engineers has been directed by Congressional authorization to implement the Trinity River Vision master plan which includes the bypass channel provided it is technically sound and environmentally acceptable.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Patricia Kuehn

Representing: White Lake Hills neighborhood

Mailing Address: PO Box 100224, Fort Worth, TX 76185

Daytime Telephone: 817-898-0231

E-mail Address: patkuehn@hotmail.com

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

Has any thought been given to incorporating White Lake, on the east side of Oakland between I.30 and 1st St, into the Gateway Park project or into the FW Park system? It would seem to be in an ideal location to continue the park system trails and amenities.

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/29/2008 2:48:23 PM -06'00'

 The current City of Fort Worth Gateway Park Master plan does not include White Lake. The current plans do not include expanding Gateway Park beyond the current master plan boundaries.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: JACK RUEHN

Representing: SELF

Mailing Address: PO BOX 100224, F.W., TX 76185

Daytime Telephone: 817 898 0231

E-mail Address: JACKRUEHN@HOTMAIL.COM

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil



CAN WHITE LAKE BE INCLUDED IN THE OVERALL PLAN?
IF NOT, WHY?

THANKS

[Handwritten signature]

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/29/2008 2:49:19 PM -06'00'



White Lake was not considered for incorporation into the project plan due to its physical separation from the Gateway Park area. Habitat development and recreational opportunities of the Gateway Park area had been demonstrated in prior evaluations.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Janice Crendall
Representing: Fort Worth Rowing Club
Mailing Address: 2816 N. Creekwood Dr., Grapevine, Tx 7605,
Daytime Telephone: 972-998-3600
E-mail Address: Crendall, waynejanice@verizon.net

- I support the Central City Project – Gateway Park Improvement Plan
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E-mail: Seji Alummutil@usace.army.mil

I row on the Trinity River and support this project. I believe the proposed changes will be good for the environment, economy & city of Fort Worth.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 4:57:15 PM -06'00'



Thank you for your comment on the benefits of the project proposal.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Jill Gurtatowski

Representing: Fort Worth Rowing Club

Mailing Address: 4029 Eldridge St Fw 76107

Daytime Telephone: 682-885-4968

E-mail Address: jgurt@sbcglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
 - My written comments are on the back of this form

Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummutil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji Alummutil@usace.army.mil

We (Yat Lam Living Club) support the Central City Project ^{and} ^{Gateway Park}
look forward to be an active partner in this endeavour.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 4:58:07 PM -06'00'



Your support for the recreational features of the project is noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: DAVID LIVING

Representing: SELF (FWRC)

Mailing Address: 2120 WILSON DRIVE

Daytime Telephone: 817 255 3664

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummuttil@usace.army.mil

ENTHUSIASTIC ABOUT PLAN.!

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Wendy Cochran

Representing: _____

Mailing Address: 1755 Martel Post Warik 76103

Daytime Telephone: 817-536-6993

E-mail Address: donandivanda@charter.net

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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- I wish to present oral comments during the public forum (limit: 3 minutes)
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji Alummuttil@usace.army.mil

Good Project - Implementation a bit iffy -
Good luck

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: DONALD BOREN
Representing: WEST MEADOWBROOK N.A.
Mailing Address: 1755 MARTEL AVE FW 76103
Daytime Telephone: 817-451-6276
E-mail Address: KK502@SBCGLOBAL.NET

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 3 minutes)
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 - I wish to present oral comments during the public forum (limit: 3 minutes)
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

This project has the potential to change
GATEWAY PARK into A "FORT WORTH GEM"

I am excited about our
ability to leverage our dollars.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: MARK HILL

Representing: _____

Mailing Address: 4405 DUNWICK LANE, FORT WORTH, TX 76109

Daytime Telephone: (817) 923-7273

E-mail Address: mchill21@hotmail.com

- I support the Gateway Park/Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
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- I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummutil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummutil@usace.army.mil

As our community enjoys the benefits of the Barnett Shale as well as deal with challenges to our infrastructure the production of this resource presents, it is imperative that this generation continue to execute on projects beneficial to our cultural and natural environment. The Gateway Park Improvement Plan, while creating new and expanded recreational opportunities for our long neglected east side, positively impacts and restores an ecosystem long in need for address. Generations to come, if here today, would unequivocally speak loudly in favor of the Plan. As stewards for those yet unborn, we should do likewise.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:04:08 PM -06'00'



Your comment on the benefits of the proposed project to the Gateway Park area are noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Alan Ray
Representing: Fort Worth Rowing Club
Mailing Address: 3004 Handley Dr
Daytime Telephone: 817 496 4752
E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 3 minutes)
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Written comments may also be submitted as follows:

Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil



I support the Central City - Gateway Park Improvement Plan. It is a truly visionary plan and I look forward to assisting in any way + utilizing this wonderful park system.

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/5/2008 5:04:39 PM -06'00'



Your support for the project is noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: ROBERT CROW

Representing: NEIGHBORHOOD ASSOCIATION ON SOUTH LAKE WORTH

Mailing Address: 8916 BLUE HERON COURT, FT WORTH 76128

Daytime Telephone: 817-367-6595

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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Written comments may also be submitted as follows:

Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji Alummuttil@usace.army.mil

- I AM ROBERT CROW, A MEMBER OF THE STEERING COMMITTEE FOR THE NEIGHBORHOOD ASSOCIATION ON SOUTH LAKE WORTH AND A MEMBER AND SUPPORT OF THE LAKE WORTH ALLIANCE.
- AS SUCH I FULLY SUPPORT THE OBJECTIVES OF PRESERVING, PROTECTING AND ENHANCING FORT WORTH'S INVALUABLE AND IRREPLACEABLE GREENSPACE AND NATURAL HABITAT AREAS FOR RECREATIONAL USE AND WILDLIFE SANCTUARIES

Robert Crow

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:05:35 PM -06'00'



Thank your for your comment supporting the project objectives.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Linda Wise
Representing: Race Street Barber Shop
Mailing Address: 2921 Race Street
Daytime Telephone: 817-239-8866
E-mail Address: linda_wise22@sbcglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
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- I oppose the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

I think improvements to Gateway Park
will help our area!

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: NINA PETTY
Representing: INNOVATIVE DEVELOPERS INC
Mailing Address: 930 West 157 Street 76102
Daytime Telephone: 817 564 3591 817 335 4500 ext 110
E-mail Address: ninapetty@idi-tx.com

- I support the Gateway Park/Central City Project
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
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 - I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

This project is extremely important to our entire community and particularly East Fort Worth. It will provide important downstream storage and in addition will provide park facilities and recreational areas for our city.

My company, Innovative Developers Inc. and I personally, support the expansion of Gateway Park. I am very supportive of the Trinity River Vision and the Gateway Park plan is an important component of this program.

Nina B. Petty

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:06:45 PM -06'00'



Thank you for supporting the multipurpose objectives of the project.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Aimee Casey
Representing: Neighborhood Home Owner
Mailing Address: 3713 Eastridge Drive
Daytime Telephone: 817.296.4592
E-mail Address: aimée7casey@yahoo.com

- I support the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 2 minutes)
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Written comments may also be submitted as follows:

Mail: Saji Alummutil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummutil@usace.army.mil



Great for improvement of the
community and the living
conditions in the neighborhood.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:07:44 PM -06'00'



Your support for the project features and benefits are noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Deniel Milburn
Representing: Fort Worth Bicycling Association
Mailing Address: 3550 Cromport St. So. FtWorth, TX 76133
Daytime Telephone: 817-4926-2950
E-mail Address: dmilburn@sbcglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
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 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
- I wish to present oral comments during the public forum (limit: 3 minutes)
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

How can this project not be a win/win situation, where we have  a plan that provides both a green space with beauty and recreation facilities with a wide variety of activities and a fabulous attraction for our city.

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/5/2008 5:08:20 PM -06'00'



Your support for the project is noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Jay Ritchard

Representing: _____

Mailing Address: 4055 International Plaza ⁵⁶⁰⁰ Fort Worth, TX 76108

Daytime Telephone: _____

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

Let's get moving!

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Salvador Espino
Representing: Fort Worth City Council - District 2
Mailing Address: 1000 Throckmorton, Ft. Worth, TX 76102
Daytime Telephone: 817-392-8802
E-mail Address: Sal.espino@fortworthgov.org

- I support the Central City Project -- Gateway Park Improvement Plan
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Mail: Saji Alummattil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummattil@usace.army.mil

The Central City project is further enhanced with the addition of the Gateway Improvement Plan. It's a great project for the entire City of Fort Worth.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:09:57 PM -06'00'

 Thank you for your comment on the aspects of linking Gateway Park to the Central City project.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Theresa Schmidt
Representing: Fort Worth Rowing Club
Mailing Address: 5904 Montford Dr., Colleyville, TX 76034
Daytime Telephone: 817-442-0017
E-mail Address: TschmidtT61@tx.rr.com

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji Alummuttil@usace.army.mil

We feel that ~~this~~ this project will be a great investment to our families and communities, something  that can be enjoyed by everyone. It would also be beneficial for beautiful historic Fort Worth to have a Trinity River project that mirrors Dallas & San Antonio.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:11:09 PM -06'00'



Thank you for your comment on the benefits of the proposed project to the community.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Bridget Guccione
Representing: FWRC
Mailing Address: 2406 LAKE POINT DR KELLER TX 76248
Daytime Telephone: 817 673 7873
E-mail Address: bpguccione@socglobal.net

- I support the Central City Project -- Gateway Park Improvement Plan
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

This is a great opportunity to advance
outdoor water & land activities for
Tarrant City.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Stephen Crawford

Representing: _____

Mailing Address: 741 NW Hillery St. Burleson, TX 76028

Daytime Telephone: 817-455-6672

E-mail Address: crawfishsbc@gmail.com

- I support the Central City Project -- Gateway Park Improvement Plan
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E-mail: Saji.Alummuttil@usace.army.mil

Valley Storage

1. Hydraulically, the project as presented in the new draft EIS lowers water surface elevations from existing conditions, thus reducing valley storage volume available (if no valley storage mitigation is provided)
2. The study presents multiple sites that will be used to maintain (or increase) valley storage after the project is constructed, with contingency sites available, too.
3. The draft EIS states that Microstation InRoads was used to calculate valley storage in the Gateway Park area. The rest of the project uses HEC-RAS to calculate valley storage.

4. My questions:

- Does the project team feel that HEC-RAS is  the most accurate way to determine valley storage ~~area~~ for existing and post-project conditions or would a CAD or GIS analysis be more accurate?
- ^{Does} ~~the~~ the valley storage analysis and comparison  both 100-year and 500-year conditions represent "site-specific" locations or the entire width of the floodplain along the project limits?

- Stephen Crawford

... .. exhibiting this as a citizen on

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 3/10/2008 4:05:39 PM

 *The project team feels that the use of HEC-RAS for the computation of valley storage is an acceptable method for the determination and comparison of valley storage within the floodway for existing and post project conditions. The majority of the study analysis is within the Fort Worth Floodway, which is an engineered, uniform system with consistent geometry represented in the detailed HEC-RAS model and thereby be used to confidently compute valley storage. Areas outside floodway were determined using CAD and felt to be the most accurate method for calculating storage for areas not represented within the floodway model.*

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 3/10/2008 4:06:11 PM

 *Determination of valley storage impacts of the proposed project is based on impacts to the 100-year and SPF valley storage within the entire study area, using the full width of the foodplain.*

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Ann Kovich

Representing: _____

Mailing Address: 6417 Garland

Daytime Telephone: 817-698-6718

E-mail Address: ann.kovich@charter.net

- I support the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

I support the Gateway Park/Oakrow
Restoration project to be added to the
Central City Project. 

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:42:36 PM -06'00'



Thank you for your support for the Central City project proposed modification.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Tom Struhs

Representing: TRINITY Bluff Development, Ltd.

Mailing Address: 2801 Sledge St. Ft. W. Tx. 76107

Daytime Telephone: 817 318-8000

E-mail Address: tstruhs@suball.net

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 3 minutes)
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Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

o We are very supportive of this plan. The eastern segment of the river in Fort Worth really needs the attention. The community and land owners in this area have suffered the problems of an uncontrolled drainage problem from the days of the ~~18~~ settlers. Finally a plan has emerged that can solve these problems and also provide an amenity that can benefit the future area.

The plan is inclusionary in that it benefits a wide spectrum of the community and including less fortunate areas of this city that have heretofore felt ignored in a lot of ways.

This expansion of TRV should be a must

Tom Struts 1/24/08

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: JENNIFER CROW

Representing: _____

Mailing Address: 8416 Blue Heron Ct.

Daytime Telephone: 817-367-6543

E-mail Address: _____

- I support the Central City Project
 - I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummutil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummutil@usace.army.mil

This is a project that should be funded immediately -
to preserve and protect the future of our children and families

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Jerry L. Barton

Representing: my self

Mailing Address: 3512 Stone Creek Ln. S. FW., TX. 76137

Daytime Telephone: 817-875-2636

E-mail Address: jerrybarton@jerrybarton.com

- I support the Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
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- I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummuttil@usace.army.mil

Seldom does a city
have such an
opportunity as the
Trinity River Vision to
enhance the city.

Jerry L. Barton

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Joe T. Jackson

Representing: District 7

Mailing Address: 2100 Yosemite Ct. Ft. Worth, TX 76112-3345

Daytime Telephone: 817 757 7910 (W) 276 7721 (C)

E-mail Address: tobije.shelton@net

- I support the Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummutil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102

E-mail: Saji.Alummutil@usace.army.mil



I am in support of this preliminary plan. Absolute guarantees on "irreversible" biological preservation, repair, and improvement are essential components of this project. In this preliminary plan they appear. I am absolutely thrilled to observe these components now and look forward to the presentation of their final draft.



Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 11:30:13 AM -06'00'



Execution of the proposed project incorporates monitoring and adaptive management to provide the habitat development described.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: STEPHEN DARROW
Representing: AIA FORT WORTH
Mailing Address: 300 COLLEGE AVE FT. WORTH 76104
Daytime Telephone: 817 570 2000
E-mail Address: sdarrow@dmsarch.com

- I support the Gateway Park/Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
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- I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form

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Written comments may also be submitted as follows:

Mail: Saji Alummattil, CESWF-EC-D, P.O. Box 17300 Fort Worth, TX 76117

DURING MY YEAR AS PRESIDENT OF AIA FORT WORTH,
I WAS ABLE TO DRAMATICALLY INCREASE MY
UNDERSTANDING OF THE CHALLENGES THAT FACE
NORTH TEXAS. THIS PROJECT IS ABLE TO HAVE
A NUMBER OF POSITIVE IMPACTS ON THOSE
CHALLENGES WITH VIRTUALLY NO NEGATIVES.
AS A REPRESENTATIVE OF THE ARCHITECTURE
COMMUNITY, I CAN WHOLE HEARTEDLY SUPPORT
GATEWAY PARK.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:49:04 PM -06'00'



Thank you for your comment on the benefits of the proposed project modifications.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: ROBERT C POW

Representing: SELF

Mailing Address: 8416 BLUE HERON COURT

Daytime Telephone: 817-367-6543

E-mail Address: _____

- I support the Central City Project
- I wish to present oral comments during the public forum (limit: 2 minutes)
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E-mail: Saji.Alumuttil@usace.army.mil



The Central City Park Project
is the single most important project
for now and the years to come,

Robert E. Cron

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:51:13 PM -06'00'



Your comment on the proposed project modification benefits is noted.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: BETSY + Tom PRICE

Representing: _____

Mailing Address: 3908 Summercrest 76109

Daytime Telephone: 817-929-8683

E-mail Address: taxgal3216@sbcglobal.net

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form

Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

This project is a win-win for
the City of Ft. Worth, Tarrant
County and the Corp. 📄

We create thru Gateway Regional
and it will be great to see
it expanded and enlarged
allowing great public useage at
all levels.

In growing community we must provide
PARKS for future generation and
healthy living!

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:31:21 AM -06'00'



Thank you for your comment.

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Adelaide Leavens

Representing: _____

Mailing Address: 3839 South Hills Circle, FTW TX 76109

Daytime Telephone: 817.926.0006

E-mail Address: adleavens@charter.net

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
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- I oppose the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummuttil@usace.army.mil

As an avid runner, I am very supportive of this project because the new trails (both hard  soft surface) will add a new environment/destination. The added miles of trail will be a unique experience with wooded, shady paths and closer proximity to creeks and the river.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:31:48 AM -06'00'



Thank you for your comment.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: ERMA JOHNSON HADLEY

Representing: _____

Mailing Address: 2362 FAETT COURT

Daytime Telephone: 817/515-5242

E-mail Address: ERMAHADLEY@IHOS.US

- I support the Central City Project – Gateway Park Improvement Plan
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Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

I am very supportive of the Gateway Park Improvement Plan. I have attended sessions where the plan has been presented and experienced in detail. Perhaps the biggest impact - long term - for our city is the environmental clean up segment of the plan.

The recreational facilities that will become available to the public will be a welcomed addition to our community, especially the Southeast sector of the City where recreational facilities are at a minimum. The environmental clean up is icing on the cake. *Ann Fitzgerald*

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:32:09 AM -06'00'



Thank you for your comment.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Crystal Marra

Representing: N/A

Mailing Address: 3209 Donnelly Circle #107, Fort Worth, TX 76107

Daytime Telephone: (817) 884-4303

E-mail Address: _____

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
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- I oppose the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form

Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummuttil@usace.army.mil

1 Strongly support the Gateway Park Improvement
Plan - it will make a better Fort Worth!

-Crystal R. Manra

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:32:17 AM -06'00'



Thank you for your comment.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Eddie Patton

Representing: _____

Mailing Address: 2123A Middletoe Ave ^{Fort Worth} TX 76110

Daytime Telephone: 817-347-4014

E-mail Address: eddiepatton@yahoo.com

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form

Please note that all comments are given equal consideration, whether in person or in writing.
Written comments may also be submitted as follows:

Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102
E-mail: Saji.Alummuttil@usace.army.mil

I am supportive of the entire project and its long term enhancement and benefit for the City of Fort Worth and the area. I am especially interested



the expansion and development of the trail system and the link up with the ~~existing~~ existing Trinity Trails System.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:32:43 AM -06'00'



Thank you for your comment.

COMMENT REGISTRATION FORM

Fort Worth Central City Project
January 24, 2008

Name: Patti Cox

Representing: Mayfest, Inc.

Mailing Address: 255 Bailey Avenue, Fort Worth, TX 76107

Daytime Telephone: (817) 332-1055 x201

E-mail Address: patti.cox@mayfest.org

- I support the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form
- I oppose the Central City Project – Gateway Park Improvement Plan
 - I wish to present oral comments during the public forum (limit: 2 minutes)
 - My written comments are on the back of this form

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Written comments may also be submitted as follows:

Mail: Saji Alummuttil CESWF-PER-P, P.O. Box 17300, Fort Worth TX 76102
E-mail: Saji Alummuttil@usace.army.mil

The organizations involved in the planning of the Gateway Park Improvement Plan have done an excellent job in identifying the need for this project. The City of Fort Worth needs to support this plan as it will benefit tremendously in the expansion + improvement of our greenbelt.

Alummuttil, Saji J SWF

Subject: FW:

From: Nancy/Geoff Sipple [mailto:gsipple@verizon.net]
Sent: Monday, January 01, 2007 8:51 AM
To: Alummuttil, Saji J SWF
Subject:



I support the inclusion of the Riverside Oxbow in the Trinity Uptown project.

Geoffrey Sipple

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:32:56 AM -06'00'



Thank you for your comment.

Alummuttil, Saji J SWF

Subject: FW: Comment on draft supplement to the Final Environmental Impact Statement for the Upper Trinity River, Central City Project, Fort Worth, Texas.

-----Original Message-----

From: Jason [mailto:supergirl_1@charter.net]

Sent: Monday, February 04, 2008 11:16 AM

To: Alummuttil, Saji J SWF

Subject: Re: Comment on draft supplement to the Final Environmental Impact Statement for the Upper Trinity River, Central City Project, Fort Worth, Texas.

Mr. Alummuttil,



I have previously forwarded an e-mail expressing my concerns about gas drilling in Gateway Park as part of the Final Environmental Impact Statement. I still have those concerns. I also have objections about how the funds of the Trinity River Vision are being spent, especially for a multi million dollar PR contract that was awarded to a political consultant.



I like the expansion of Fort Woof Dog Park. I also like that the proposed increase in flooding/water storage does not appear to impact the current and future sites off the dog park. When implementing this plan, you should be careful to design the dog park and horse trails in a way that is compatible with these two different kinds of animals.

Thanks,

Jason C.N. Smith
2257 College Ave
Fort Worth, TX 76110

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:51:55 PM -06'00'

 There are existing well pads located in the Riverside Oxbow area but they are outside of current park boundaries. The Gateway Master Plan takes into consideration the existing well sites. Sufficient buffering is to occur between park and neighborhood land uses and a proposed drill site. The City of Fort Worth Ordinance number 16986-06-2006 provides the guidelines for minimum distance requirements from public parks.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:37:50 AM -06'00'

 These considerations will be addressed during detail design of the Gateway Park..

Alummuttil, Saji J SWF

Subject: FW: Comment on draft supplement to the Final Environmental Impact Statement for the Upper Trinity River, Central City Project, Fort Worth, Texas.

-----Original Message-----

From: Jason [mailto:jasons@artbrender.com]

Sent: Thursday, January 10, 2008 10:18 AM

To: Alummuttil, Saji J SWF

Subject: Re: Comment on draft supplement to the Final Environmental Impact Statement for the Upper Trinity River, Central City Project, Fort Worth, Texas.

Mr. Alummuttil,



I would just like to hear from the Corp about what its study says about the impact on Fort Woof Dog Ppark in Gateway Park. Do you think I could meet with someone from the Corp for 10-15 minutes to discuss this issue.

Thanks,

Jason Smith

Alummuttil, Saji J SWF wrote:

>Mr. Smith

>

>Thank you for your email.

>

>The Corps of Engineers has not worked with the City of Fort Worth on planning
>and implementing the Woof Dog Park. I have copied Randle Harwood to this
>message. He would be manager that can best answer your questions
>regarding this park.

>

>Thank you

>

>Saji

>

>-----Original Message-----

>From: Jason [mailto:jasons@artbrender.com]

>Sent: Wednesday, January 09, 2008 1:30 PM

>To: Alummuttil, Saji J SWF; Jasona and Jessica

>Subject: Re: Comment on draft supplement to the Final Environmental
>Impact Statement for the Upper Trinity River, Central City Project,
>Fort Worth, Texas.

>

>Mr. Alummuttil,

>

>Do you have time to meet with me in the next 10 days for 15 minutes. I
>would like you to explain to me the impact of te proposed plan on Fort
>Woof Dog Park located in Gateway Park.

>

>Please call me to schedule a meeting at 817-721-6056.

>

>Thanks,

>

>Jason C.N. Smith

>

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:55:41 PM -06'00'

 The considerations about Fort Woof will be further defined during detailed design of the Gateway Park. The local sponsors have proposed to increase the size of this park during detailed design.

>Alummuttil, Saji J SWF wrote:

>
>
>

>>Mr. Jason Smith

>>Thank you for your comment regarding the Supplement Environmental
>>Impact Statement. This email is to confirm that we are receipt of your
>>comment and will it will be considered as we complete our final
>>version of the supplement.

>>Saji Alummuttil

>>

>>-----

>>--

>>*From:* Jasona and Jessica [mailto:supergirl_1@charter.net]

>>*Sent:* Sunday, January 06, 2008 1:48 PM

>>*To:* Alummuttil, Saji J SWF

>>*Cc:* 'Jason Smith'; 'Jasona and Jessica'

>>*Subject:* RE: Comment on draft supplement to the Final Environmental
>>Impact Statement for the Upper Trinity River, Central City Project,

>>Fort Worth, Texas.

>>

>>**Mr. Saji Alummuttil**

>>CESWF-EC-D

>>U.S. Army Corps of Engineers

>>Fort Worth District

>>P.O. Box 17300-0300

>>819 Taylor Street

>>Fort Worth TX, 76102-0300

>>Phone: 817-886-1764

>>

>>Dear Mr. Alummuttil,

>>

>>Please let this serve as my comment on the draft supplement to the
>>Final Environmental Impact Statement for the Upper Trinity River,
>>Central City Project, Fort Worth, Texas. I have serious concerns about
>>the impact of existing and planned gas well operations in and around
>>the Oxbow and Gateway Park that threaten the safe use of recreational
>>facilities by Fort Worth families. This is especially worrisome
>>because, according to media accounts, the Tarrant Water Board proposes
>>to help pay for these changes with revenues from its gas well leases.

>>

>>Natural gas well operations have greatly increased due to the
>>exploration of the Barnett Shale. While revenues from gas well
>>operations are helpful to the local economy, such gas well operations
>>pose safety risks to families near such operations. In 2007, a gas
>>well worker was killed by an explosion at a gas well in Forest Hill.
>>There are many other instances in which gas wells have injured or
>>killed others and disrupted major activities.

>>

>>The Tarrant Water Board recently granted a waiver for a high impact
>>gas well near a park in owns with the City of Fort Worth, the Trinity
>>Trail System, near where University South crosses the Trinity River.
>>Apparently the Tarrant Water Board does not see dangers and nuisances
>>posed by gas well operations only 200 feet from a park area used by
>>tens of thousands of Fort Worth residents. I fear that the Tarrant
>>Water Board will fail to protect park users in this area just as they
>>failed to protect park users on the Trinity Trails, especially because
>>it hopes to realize more gas revenue to help pay for the Trinity River
>>Vision.

>>

>>There are gas well operations that appear to be in the Ox Bow or at
>>least very close to it. Check out

>><http://thecaravanofdreams.blogspot.com/2007/12/what-was-that-fire-in-s>

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:52:54 PM -06'00'

 There are existing well pads located in the Riverside Oxbow area but they are outside of current park boundaries. The Gateway Master Plan takes into consideration the existing well sites. Sufficient buffering is to occur between park and neighborhood land uses and a proposed drill site.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:54:14 PM -06'00'

 City rules (Ordinance 16986-06-2006) preclude it from occurring within current public parks and that sufficient buffering occurs between park and neighborhood land uses and a proposed drill site.

>>ky.html I fear that the Tarrant Water Board's effort to bring
>>recreational improvements to the Ox Bow and Gateway will be threatened
>>by the dangers to families posed by near by gas well operations.
>>
>>Such gas well operations also could pose a threat to the wet lands and
>>water areas proposed around the Ox Bow. I fear that such operations
>>will adversely affect the drinking water in Fort Worth.
>>
>>No gas well operations should be allowed within a half a mile of the
>>Oxbow and Gateway Park in order to protect the users of any
>>recreational facilities, hopefully in industrial areas or other areas
>>like airports.
>>
>>Thank you for taking the time to read this and hopefully you will take
>>action to protect Fort Worth families from the nuisances and dangers
>>posed by gas drilling activities in and near the Ox Bow.
>>
>>Sincerely,
>>
>>Jason C.N. Smith
>>
>>2257 College Ave
>>
>>Fort Worth, TX 76110
>>
>>817-924-5539
>>
>>
>>
>
>
>
>
>

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:43:03 AM -06'00'

 Effects of activities by others, including petroleum exploration in the geographic area have been considered in the cumulative impacts assessment of the SEIS and this site specific activity will be further evaluated for its potential impacts to the proposed project during the processing of the Final Supplemental EIS. Surface water is protected by state and federal laws and any pollution coming from offsite of any well is reported and will be required to be cleaned up.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:56:34 PM -06'00'

 Comment is acknowledged but is outside of the jurisdiction of the Corps of Engineers. The City of Fort Worth gas drilling ordinance (Ordinance 16986-06-2006) covers these activities related to gas extraction.

Alummuttil, Saji J SWF

Subject: FW: Comments for 1/24/08 public forum

Attachments: Comment Registration Form.doc

From: Daniel.C.Villegas@wellsfargo.com [mailto:Daniel.C.Villegas@wellsfargo.com]

Sent: Wednesday, January 23, 2008 2:14 PM

To: Alummuttil, Saji J SWF

Cc: rosa.navejar@fwhcc.org; JDGranger@trinityrivervision.org

Subject: Re: Comments for 1/24/08 public forum

Saji,

I have attached my comments **in support** of the Gateway Park Improvement Plan. I hope they will be included in the public forum being held tomorrow evening. If you have any questions for me, please call me at 817-937-9535.

Sincerely,

Dan Villegas

Past Chairman, Fort Worth Hispanic Chamber of Commerce

<<Comment Registration Form.doc>>

Dan Villegas, Vice President

Sr. Business Relationship Manager

Wells Fargo Business Banking

2315 N. Main Street, Floor 1

Fort Worth, TX 76164-8573

817-624-5007 phone 817-624-5040 fax

email: Daniel.C.Villegas@wellsfargo.com

COMMENT REGISTRATION FORM

Fort Worth Central City Project

January 24, 2008

Name: Dan Villegas

Representing: Fort Worth Hispanic Chamber of Commerce

Mailing Address: 2315 N. Main St., Fort Worth, TX 76164

Daytime Telephone: 817-937-9535

E-mail Address:
 dcvconsulting@yahoo.com

- I **support** the Central City Project – Gateway Park Improvement Plan
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Mail: Saji Alummuttil, CESWF-EC-D, P.O. Box 17300, Fort Worth, TX 76102

E-mail: Saji.Alummuttil@usace.army.mil

Comments:

My name is Dan Villegas, and I am the Immediate Past Chairman of the Fort Worth Hispanic Chamber of Commerce. I am writing to you today in support of the Gateway Park Improvement Plan which will compliment the Trinity Uptown project. The planned improvements to Gateway Park will really add to the natural landscape of our city and will be yet another enhancement to the quality of life that we enjoy here in Fort Worth, TX. Gateway Park is an underutilized resource in our community and these plans will give it new life and will provide additional flood control to protect our citizens.

As a Chamber of Commerce, we support projects that stimulate economic development and provide business opportunities for our membership. The Hispanic business community in Fort Worth is ready to work on this project We will continue working with the Trinity River Vision Authority to see that local companies are given the first opportunity to participate in this project.

I support Gateway Park Improvement Plan as  it not only enhances the quality of life in Fort Worth, but it also provides business opportunities for the membership of the Fort Worth Hispanic Chamber of Commerce. The Gateway Park Improvement Plan is another “win-win” proposition for Fort Worth. I thank the U.S. Army Corp of Engineers for holding this forum and for their work on this project thus far. I also encourage them to continue moving this project forward as we are ready to make it happen.

Cc: Rosa Navejar (Fort Worth Hispanic Chamber of Commerce)
J. D. Granger (Trinity River Vision Authority)

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:47:32 AM -06'00'



Thank you for your comment.

Alummuttil, Saji J SWF

Subject: FW: Comments to the draft supplement to the EIS

Attachments: Lehrer-Brey, Catrine.vcf; January 24 Uptown Statement.doc

From: Lehrer-Brey, Catrine [mailto:CLehrer-Brey@gideontoal.com]

Sent: Friday, January 25, 2008 11:44 AM

To: Alummuttil, Saji J SWF

Cc: SCate@trinityrivervision.org

Subject: Comments to the draft supplement to the EIS

Hello Saji,

Attached are written comments for the draft supplement to the EIS. These are submitted on behalf of James Toal as presented at the public meeting last night.

Thanks!

Catrine Lehrer-Brey



500 West Seventh Street Suite 1400
Fort Worth, TX 76102
Tel 817.335.4991
Fax 817.877.1861
www.gideontoal.com

January 24, 2008

Statement from James Toal

Extending the Central City Project to Include Gateway Park

I commend the United States Army Corps of Engineers, the Tarrant Regional Water District, City of Fort Worth, the Streams and Valleys Committee, and the other partners for their comprehensive approach to flood control, environmental restoration, recreation, and economic development of our central city. Shifting much of the ecosystem restoration and recreation improvements to the Gateway Park area is the final element that assures that all residents of our City will greatly benefit from the Trinity River Vision.

I've been working in the profession of open space and recreation planning, city planning, and urban redevelopment for over 30 years. I know of no other project in North America that combines these things in such a positive way for the benefit of so many people.



Some cynics have said it may be too costly. Well, the opposite is actually true. The combined project, as now envisioned, will assure a long term high quality of life, environmental quality, and a sustainable economy for the central city. This means the project will more than pay for itself in a short time.

We cannot afford not to do this project. And, we have to do it now.

Thank you,

James Toal
341 Nursery Lane (76114) (home)
500 West 7th Street (76102) (work) (Gideon Toal)
Fort Worth, Texas
817-335-4991

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/20/2008 4:49:48 PM -06'00'

 Thank you for your comments on the multipurpose benefits of the proposed project modifications to the community.



FORT WORTH CHAMBER OF COMMERCE

777 TAYLOR STREET, SUITE 900 ★ FORT WORTH, TEXAS 76102-4997

817-336-2491 ★ FAX 817-877-4034 ★ WWW.FORTWORTHCHAMBER.COM

January 24, 2008

Saji Alummuttil
USACE CESWF-EC-D
PO Box 17300
Fort Worth, TX 76120

Dear Mr. Alummuttil,

The Fort Worth Chamber of Commerce wishes to confirm unwavering support of the Trinity River Vision. We fully endorse enhancing the boundaries of Trinity Uptown. This would include incorporating approximately 1,000 acres that are currently designated as the Riverside Oxbow restoration project and/or the Gateway Park expansion. We realize that an increase in cost is associated with the proposed expansion. The Chamber feels that this unique enhancement is critical to the economic development of the area.

The Trinity Uptown plan is a much needed flood control project which would trigger the revitalization of an aging commercial and industrial area adjacent to downtown. It is designed to be a critical neighborhood link between downtown, the Cultural District, the Stockyards, and now a vital recreation area, Gateway Park.

This project has the potential to attract over 10,000 households and an additional 3,000,000 sq. ft. of commercial, educational, office, and civic space. Moreover, it will add in excess of \$2.1 billion dollars to the city of Fort Worth's local property tax base over the estimated 50 year build-out period.

The Trinity River Vision, with the Gateway Park component, is critical to Fort Worth's future. It will insure our continued recognition as being one of our nation's most livable cities.

Your consideration of the Fort Worth Chamber's position on this important matter is greatly appreciated.

Sincerely,

Three handwritten signatures in black ink. The first signature is for Brian Barnard, the second for Ben Loughry, and the third for Bill Thornton. The signatures are written in a cursive, flowing style.

Brian Barnard
Chairman

Ben Loughry
Vice Chairman

Bill Thornton
President & CEO

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:48:09 AM -06'00'



Thank you for your comment.



January 24, 2008

Saji Alummuttil
CESWF-EC-D
P.O. Box 17300
Fort Worth, TX 76102

Dear Mr. Alummuttil:

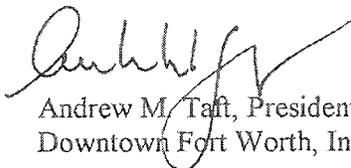
At today's Downtown Fort Worth, Inc. board meeting, unanimous support was given to the Gateway Park expansion of the Fort Worth Central City project. This project is not only an important and ecologically sound downstream valley storage solution; it represents an opportunity for citizens of the entire region to accelerate enjoyment of Gateway Park.

Recreational and park facilities are needed in this part of the city, and we fully endorse this project as a means of fulfilling those needs, as well as the technical requirements of the Trinity River Vision.

As you know, Downtown Fort Worth, Inc. is on record as supporting the Trinity River Vision. We believe it is a model for how the Corps of Engineers and cities can address flood control while at the same time leveraging natural assets, restoring ecologically sensitive wetlands and creating an economic base for funding these objectives. The Gateway Park component is another example of how important community priorities that have been talked about for decades can be addressed through cooperation and visionary leadership.

We urge you to consider the Gateway project favorably as you continue to evaluate the Trinity River program.

Sincerely,


Andrew M. Taft, President
Downtown Fort Worth, Inc.


Randy Gideon, Chairman
Downtown Fort Worth, Inc.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/20/2008 12:43:43 PM -06'00'



Thank you for your comments on the benefits of the proposed project modification to the community.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:55:50 PM -06'00'



Thank you for your comments on the benefits to the community of providing valley storage in a manner conducive to providing additional multipurpose benefits.



Corp of Engineering
Public Hearing
January 24, 2008
Re: Riverside Oxbow

To Whom It May Concern:

The effort to cleanup the Trinity began 30 years ago. The river twists and turns from the west through the Central District, the Riverside Oxbow, and to our eastern neighbor.

We support any and all developments that will enhance the Trinity and make access easier for recreation and enjoyment. We trust the Corp of Engineers to bring value to this project and make the vision a reality.

The Fort Worth Cats have always opened our gates to the river and access from LaGrave Field where people can come enjoy our outdoor venue and the bike and hike trails behind the field.



We are proud to be a pioneer in this effort in the Central District and fully support the funding efforts for the Riverside Oxbow and any enhancements to bring the Trinity back to the people of Fort Worth.

Sincerely,

A handwritten signature in black ink that reads "Carl Bell". Below the signature, the name "Carl Bell" is written in a smaller, cursive font.

Carl Bell
President Fort Worth Cats Baseball Club
BLG Development, LLC

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/5/2008 5:56:40 PM -06'00'



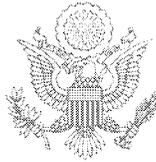
Thank you for your comments noting the benefits of the proposed project modification to the community.

KAY GRANGER
12TH DISTRICT, TEXAS

**VICE CHAIR,
REPUBLICAN CONFERENCE**

REPUBLICAN POLICY COMMITTEE

APPROPRIATIONS COMMITTEE



Congress of the United States
House of Representatives

WASHINGTON OFFICE:
440 CANNON HOUSE OFFICE BUILDING
WASHINGTON, D.C. 20515
(202) 225-6071
FAX: (202) 225-6683

DISTRICT OFFICE:
SUITE 407
1701 RIVER RUN ROAD
FORT WORTH, TX 76107
(817) 338-0909
FAX: (817) 335-5852
www.house.gov/granger
texas.granger@mail.house.gov

January 23, 2008

Mr. Saji Alummuttil
USACE, CESWF-EC-D
P.O. Box 17300
Fort Worth, TX 76102

Dear Mr. Alummuttil:

I am writing to offer my strong support for the Central City Project – Gateway Park Improvement Plan. I appreciate your holding the Public Meeting, and regret that I will not be able to attend in person. I believe it is important for our community to understand the benefits of this project, and I welcome the opportunity to express my strong support.

As the residents of Fort Worth know, revitalization of Gateway Park on the East Side is long overdue. Although the park has some amenities, it also has gravel pits, a landfill, and an abandoned sewage treatment center. This is certainly not what our citizens want for a “gateway” for the city. The Central City Project – Gateway Park Improvement Plan allows construction to begin this year on improvements to the park, including building athletic fields, expanding the trail system, planting thousands of trees, and many other improvements.

Beyond the aesthetic and recreational improvements the Project will provide, there are other equally important benefits that are important to note. An estimated 80 percent of levees in the project area are inadequate. The Project improves flood protection by replacing those levees. There are also strong ecosystem restoration and environmental cleanup improvements included in the plan. In addition, this revitalization will result in an estimated 16,000 jobs, and a \$1 billion increase in tax base for schools, roads, and other community priorities.

It is important to note that federal tax dollars are being used only for public infrastructure, such as the bypass channel and bridges. There has also been a significant investment by private industries in the area; in fact, over a billion dollars of private investment has already broken ground, including Radio Shack, Pier 1, Trinity Bluffs, LaGrave Development, and Tarrant Community College (TCC). It is clear that the Project has already spurred economic development in the surrounding area, and it is reasonable to expect that this is only the beginning.

Again, thank you for holding this important meeting. I look forward to continuing to work with all of the stakeholders to advance this project that will transform our city.

Sincerely,

A handwritten signature in black ink that reads "Kay Granger". The signature is fluid and cursive, with the first letters of "Kay" and "Granger" being capitalized and prominent.

Kay Granger
Member of Congress

MICHAEL C. BURGESS, M.D.
26TH DISTRICT, TEXAS

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WASHINGTON, DC 20515
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Congress of the United States
House of Representatives
Washington, DC 20515-4326

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January 23, 2008

Mr. Saji Alummuttil
USACE, CESWF-EC-D
P.O. Box 17300
Fort Worth, TX 76102

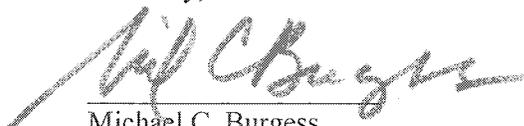
Dear Mr. Alummuttil:

I write in support of the U.S. Army Corps of Engineers Draft Supplement for the Central City Project, Upper Trinity River, Texas. As you know, I represent East and Southeast Fort Worth in the U.S. House of Representatives. In the past, residents in this community have expressed their concerns that the original plan to contain occasional flooding in the Riverside Oxbow area of the Trinity River on the west edge of Gateway Park could put homes and lives at risk during periodic flooding and discourage future economic growth. After numerous conversations with the Army Corps of Engineers and local residents, I believe that the amended plan will address many of the concerns previously expressed about the Central City Project. However, I believe that the Army Corps of Engineers must continue to demonstrate through ongoing hydrologic studies that the changes proposed in this amended in the plan will indeed ensure the protection of life and property.

By joining the Uptown project with ecosystem restoration in the Oxbow area, as well as developing the recreational facilities in Gateway Park, the flood risk north of the Oxbow I understand will be mitigated. Representing the largest planned urban park improvement in the country, I believe this project, while spurring development on the North side of Fort Worth, will equally benefit economically depressed East and Southeast Fort Worth.

Because the original plan would have taken at least 40 years to complete and did not adequately address basic safety issues, I am pleased the amended plan takes this into account and would also bring these improvements to a conclusion within 10 years. The added recreational and ecosystem improvements will be a source of pride for the neighborhoods in this area and truly become a community asset. I commend the Army Corps of Engineers for their exhaustive study of this project and I am confident that the Corps will maintain a dialogue with the communities affected throughout all phases of this project. I thank you for your consideration.

Sincerely,



Michael C. Burgess
Member of Congress

□ DISTRICT OFFICE:
1660 SOUTH STEMMONS FREEWAY
SUITE 230
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(972) 434-9700

□ DISTRICT OFFICE:
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January 31, 2008

Mr. Saji Alummuttil
U.S. Army Corps of Engineers
Fort Worth District
P.O. Box 17300
Fort Worth, TX 76102-0300

Dear Mr. Alummuttil,

On behalf of the board of Streams and Valleys, Inc. We applaud the U.S. Army Corps of Engineers for considering the Riverside Oxbow as a valley storage site for the Central City Project. The positive impact of the resulting parkland is immeasurable in terms of improved quality of life for both the citizens of Fort Worth and the entire North Texas region. It is accompanied by a funding strategy that lessens the burden locally and expedites the construction of improvements by decades.

Upon reviewing the Draft Supplemental No. 1 to the Final Environmental Impact Statement (DSEIS), I submit the following comments for your review and consideration:

- **Chapter 1-2; Purpose and Need** – The Trinity River Vision (TRV) Master Plan covers 88 miles of stream corridor including the West and Clear Forks of the Trinity River in addition to three tributaries: Marine Creek, Mary's Creek and Sycamore Creek. The text states "8 miles" and does not refer to the tributaries.
- **Chapter 2-4; Wildlife** – It is our privilege to note that Easter Bluebirds are now regularly spotted along the Clear Fork of the Trinity River. This species was not noted.
- **Chapter 3-15; Marine Creek Low Water Dam** – As stated in the TRV Master Plan, improving navigability of the river corridor for non-motorized boats (kayaks, canoes, rafts, etc.) is a key objective. The lock system for the Samuels Avenue Dam will provide this however, the description of the Marine Creek Dam requires no such accommodation. We ask that this dam's design incorporate a chute as well

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:06:49 PM -06'00'

 Thank you for providing information on recently identified bird species utilizing the Upper Trinity River Basin.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 11:52:46 AM -06'00'

 Comment is acknowledged and will be reviewed in detailed design of the Marine Creek Low Water Dam. Portage around this low water dam will be provided if the north bank of Marine Creek can be designed to accommodate this feature and will allow safe use. In addition, the opportunity for including a chute in this dam will be reviewed and incorporated if the hydraulic and structural design will allow and can be accommodated in a safe manner.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:05:55 PM -06'00'

 The relationship between the Central City study and the TRV Master plan will be clarified in the Final SEIS.



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portage capabilities around this dam along one bank for a connection to the West Fork during low flow periods.

- **Chapter 4-15; Recreation** – In listing Gateway Park’s current recreational facilities, the Fort Worth Rowing Club headquarters was omitted. As an amenity of the park since 2003, the Rowing Club has added an athletic and elegant presence to our river corridor. Each fall the club participates in the Trinity Trash Bash in preparation for the Steerhead Regatta which involves 75 participants from across the metroplex. Additionally, the club provides monthly introductory lessons to interested individuals. Established on the Trinity River in the mid-80’s, with a club membership nearing 100 and nearly \$50,000 invested in clubhouse improvements, it is of critical importance that FSEIS note its presence. It is of even greater importance that participating sponsors provide for replacement of the improvements to ensure future operations despite impacts from excavation of fill activities.

In closing, please contact me or our Executive Director, Adelaide Leavens at 817-926-0006 or adelaide@streamsandalley.org with any questions. Thank you in advance for your thoughtful consideration.

Sincerely,

Urbain McKeever
Chairman
817-420-5071

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:02:34 PM -06'00'

 The Fort Worth Rowing Club headquarters was recognized in the assessment of the facilities but was not specifically identified in the DSEIS. The FSEIS will be revised to identify it as an existing structure within Gateway Park.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:02:58 PM -06'00'

 It was determined that this structure would be replaced or accommodated during detailed design of the Valley Storage excavation in the vicinity of the existing structure. The cost identified in the SEIS for implementation of the Modified Central City Project includes the replacement of this structure as well as dock facilities on the Trinity River.

OAKHURST NEIGHBORHOOD ASSOCIATION
P.O. BOX 7430
FORT WORTH, TEXAS 76111

February 12, 2008

U.S. Army Corps of Engineers
Fort Worth District
ATTN: CESWF-EC-D (Mr. Saji Alummuttil)
P.O. Box 17300
Fort Worth, Texas 76102-0300

Dear Mr. Alummuttil,

The following are the comments of the Executive Committee of the Oakhurst Neighborhood Association on behalf of the organization on the "Draft Supplement No. 1 to the Final Environment Impact Statement for the Central City Project, Upper Trinity River, Texas."

Our organization declines to endorse the flood storage plan as proposed in the Modified Central City alternative which includes flood storage in Riverside Park because we do not have enough information about the project. We endorse the proposal to exclude flood storage in Riverside Park and put flood storage proposed for Riverside Park on publicly owned land other than park land.

The following are specific comments and questions on the draft supplement:

1. Our organization was never notified that our neighborhood was within the boundaries of the study area of the draft supplement. The draft says 2,000 letters were mailed by the Corps of Engineers in June 2007 notifying interested parties of the intent to complete the study. We did not receive such a letter and were therefore unaware of any proposals to include Riverside Park in the proposed flood storage plan until after the draft supplement was released in January 2008.
2. The draft supplement does not take into account the aesthetic, historic, and cultural significance of Oakhurst Scenic Drive, part of which is immediately adjacent to Riverside Park and the proposed flood storage area. Oakhurst Scenic Drive, from Belknap on the south to Watauga Road on the north, was constructed as a park by the Works Progress Administration Project with Tarrant County in 1936. It was designed by S. Herbert Hare, a partner in the nationally known Kansas City landscape architecture firm Hare and Hare.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 3/10/2008 4:06:48 PM

 Oakhurst Scenic Drive will be added to the Area of Potential Effect and discussion effects to this road will be included in the FSEIS.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 12:01:21 PM -06'00'

 We apologize that you were not aware of proposed modifications to the Central City project prior to receiving the notice of availability. Although we strive to provide a Notice of Intent through the U.S. Postal Service to all known interested parties, we occasionally omit some like yourself with interest in the project. However, the notice of intent to prepare this Supplemental EIS was published in the Federal Register in February 2007 on the Corps of Engineers web page and there was a news release announcing the study was underway and requested interested citizen scoping input. The release of the Draft Supplemental EIS was conducted in the same manner of the NOI and we are pleased that you have received the information regarding the proposal to allow you to provide your concerns through written comment .

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 12:01:19 PM -06'00'

 Comment is noted. Many options for flood storage were evaluated during the planning process for the original EIS and during development of this Supplemental EIS. This site was favored because of its low impact to existing environmental resources, publicly owned land, and economic cost.

Oakhurst Scenic Drive has been listed as a scenic corridor by the City of Fort Worth for more than 15 years. It is an important historic, cultural, recreational, and aesthetic resource to the citizens of Oakhurst and all citizens of Riverside and Fort Worth.

The draft supplement does not take into account the impact of flood storage in Riverside Park – either preparing for it or maintaining it – on Oakhurst Scenic Drive. We find this to be a deficiency of the document.

3. The proposal for flood storage in Riverside Park does not take into account the desire of residential property owners in Oakhurst and elsewhere in Riverside to have a Riverside Park master plan procedure which would take into consideration opportunities to make the park a neighborhood rather than a regional park serving several neighborhoods. The proposed flood storage plan also does not take into account new opportunities to develop the park as a pedestrian destination closely linked to the new Six Points Urban Village and to other Riverside neighborhoods.
4. We are aware of the Texas Department of Transportation's plans to double the existing capacity on Interstate 35, immediately adjacent to Riverside Park and Oakhurst. What impact would flood storage in Riverside Park (and other nearby contingency flood storage sites) have on I-35 expansion? The draft supplement does not take into account the impact of its proposal for Riverside Park flood storage on TXDOT's plans.
5. There may be now or may in the future be gas drilling under Riverside Park. The draft supplement does not take into account the impact of the proposal for Riverside Park flood storage on current or future gas drilling in or near the park or vice versa.
6. The draft supplement does not take into account the impact of proposed flood storage for Riverside Park on the nearby East Belknap Street Bridge, a historic resource identified in the Historic Resources Survey for Tarrant County, Texas. It is also eligible for listing in the National Register of Historic Places.
7. Specific questions on the proposed flood storage in Riverside Park include:
 - How deep is the proposed excavation cut in Riverside Park?
 - How often is flooding expected in Riverside Park?
 - How long will the park be unavailable to citizens for use during flooding?
 - How long will Oakhurst Scenic Drive be closed to citizens while the sanitary sewer line, the storm water box and the power lines are moved to prepare Riverside Park for flood storage?
8. The draft supplement is by its own admission a "planning level" document. Detailed design is yet to be completed for the proposed flood storage plan for the

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 12:55:28 PM -06'00'

-  a. Proposed excavation depths are shown in Appendix C- Volume II and indicate a maximum cut of approximately 20-25 ft from the existing ground surface, see Appendix C- Volume II, Sheet CG-10 and CG-11.
- b. Flooding frequency varies widely across the park. The existing park has a 10-yr to 25-yr reoccurrence interval. Under the proposed project, portions of the park would be lowered to allow flood storage on a 2-yr to 5-yr reoccurrence interval, flooding frequencies would not change in other areas within the park . To clarify a 2-yr reoccurrence interval would mean that the excavated areas on average would be inundated once every 2years. As an example, this could mean these areas would be inundated twice in one year and not again for another four years.
- c. The duration in which portions of the park would be unavailable during flooding is highly variable and impossible to predict with certainty in the future. A USGS stream gauge does not exist within the Riverside Park river reach. Some general conclusions however can be drawn based on historical flows at USGS gauging stations at Nutt Dam and Beach Street. A historical examination of a 30 year period of record (1977-2007) found the 2-yr reoccurrence interval was exceeded 11 times under mean flow for a total of 48 days or on average 1.6 days per year. It is important to note that in the case of Riverside Park portions of the park would still be available to citizens under these 2-yr reoccurrence events.
- d. The relocation of storm sewer, sanitary sewer, and power lines will necessitate some temporary street closures. These closures would be minor with the most significant impact during relocation of the sanitary sewer. The exact sequencing of work will be determined in detailed design and that information will be communicated to the neighborhood associations that have expressed a desire to be kept up to date on design and engineering changes. Efforts will be made during subsequent design efforts to minimize traffic impacts.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:58:16 PM -06'00'

-  The size and location of Riverside Park preclude it from being a neighborhood park by classification. The City currently classifies the park as a Community Park. Community Parks are close to home parks designed to service the recreation needs of 18,000-36,000 or approximately 6 neighborhoods. Riverside Park also serves as a trailhead on the Trinity River Trail system which will not be altered by the proposed plan. The proposed plan does not preclude the further development or alternative development of the park as a pedestrian destination linked to the adjacent neighborhoods and neighborhood commercial areas. As presently planned the proposed project includes the relocation of existing parking facilities and connection to the recreational trail to be adjacent to Race Street thereby providing a better linkage to the Six Points Urban Village and Riverside neighborhoods. The City has committed to a Master Plan process to determine the recreational facilities within the park. The neighborhoods that are served by the park are not all opposed to the proposed plan. The Scenic Bluff Neighborhood, the neighborhood adjacent to Riverside Park, has endorsed the plan.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 12:44:53 PM -06'00'

-  The bridge is a historic resource that spans an active floodway and the floodway width is not affected near the bridge. Therefore, there is no physical or visual effect on the bridge by the proposed undertaking as the bridge continues to serve its historic purpose of spanning a floodway. No adverse effects due to the haul routes are anticipated to the resource. Reference Appendix C- Volume II, Sheet CG-10 for proposed grading work.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 12:41:36 PM -06'00'

-  The proposed flood storage improvements in Riverside Park are not adjacent to I-35 and will not be impacted by TxDOT plans for the I-35 corridor; see Appendix C- Volume II, Sheet CG-10. The contingency sites if required would be coordinated with TxDOT and

Oakhurst Scenic Drive has been listed as a scenic corridor by the City of Fort Worth for more than 15 years. It is an important historic, cultural, recreational, and aesthetic resource to the citizens of Oakhurst and all citizens of Riverside and Fort Worth.

The draft supplement does not take into account the impact of flood storage in Riverside Park – either preparing for it or maintaining it – on Oakhurst Scenic Drive. We find this to be a deficiency of the document.

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4. We are aware of the Texas Department of Transportation's plans to double the existing capacity on Interstate 35, immediately adjacent to Riverside Park and Oakhurst. What impact would flood storage in Riverside Park (and other nearby contingency flood storage sites) have on I-35 expansion? The draft supplement does not take into account the impact of its proposal for Riverside Park flood storage on TXDOT's plans.
5. There may be now or may in the future be gas drilling under Riverside Park. The draft supplement does not take into account the impact of the proposal for Riverside Park flood storage on current or future gas drilling in or near the park or vice versa.
6. The draft supplement does not take into account the impact of proposed flood storage for Riverside Park on the nearby East Belknap Street Bridge, a historic resource identified in the Historic Resources Survey for Tarrant County, Texas. It is also eligible for listing in the National Register of Historic Places.
7. Specific questions on the proposed flood storage in Riverside Park include:
 - How deep is the proposed excavation cut in Riverside Park?
 - How often is flooding expected in Riverside Park?
 - How long will the park be unavailable to citizens for use during flooding?
 - How long will Oakhurst Scenic Drive be closed to citizens while the sanitary sewer line, the storm water box and the power lines are moved to prepare Riverside Park for flood storage?
8. The draft supplement is by its own admission a "planning level" document. Detailed design is yet to be completed for the proposed flood storage plan for the

configured in a manner that will not impact I-35 expansion.

Sequence number: 5

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 12:39:35 PM -06'00'

 The use of Riverside Park as Valley Storage requires relocation of impacted infrastructure and temporary disturbance of existing recreational amenities. Excavation work as proposed avoids areas of existing woodlands within the park and along Oakhurst Scenic Drive. The City of Fort Worth is responsible for the current maintenance of the park and will continue in this role under the proposed project. As the overall footprint of the park will not be altered increased maintenance costs on an annual basis will not be greatly affected. As is the case with other City parks and Riverside Park, which are within the floodway, maintenance costs as a result of flood events will be handled from contingency funds as required as they are not an annual event. Oakhurst Scenic Drive would be repaired as necessary to a standard consistent with the needs and desires of the community.

Sequence number: 6

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 12:42:41 PM -06'00'

 At this time a surface drill site has not been identified but City rules preclude it from occurring on the park site and that sufficient buffering occur between park and neighborhood land uses and a proposed drill site.



Modified Central City Alternative. It seems possible that detailed design will yield changes to the plan for Riverside Park flood storage just as more detailed studies revealed that the proposed Samuels Avenue dam needed modifications. How are we to know what the import could be of potential design changes in flood storage for Riverside Park?

9. The Modified Central City Alternative was formulated with the specific goal of assembling flood storage area not on private land and that is the justification for identifying public land for the flood storage plan.

-- However, why is it not just as feasible to excavate other publicly owned land in the 100 year flood plain for this project rather than use park land, particularly Riverside Park?

- Why interfere with an amenity – Riverside’s neighborhood park – which is available to the public on a daily basis?
- The City of Fort Worth has recently spent many thousands of dollars to upgrade the lights and the ball field in Riverside Park. Other dollars have gone into creating the trail near the park. The proposal for Riverside Park flood storage proposes that these features be removed and then put back. How can we justify spending taxpayer money for such major expenditures when we have just spent money on these items?
- How can we justify compromising the Trinity River green belt with major excavation in Riverside Park?
- The Modified Central City Alternative would create 187 acre-feet of flood storage in Riverside Park. This represents 3.4% of the total amount of needed flood storage for the whole plan. Land for this relatively small amount of flood storage relative to the whole plan could surely be found on public land outside the park rather than compromise the park land.

We appreciate the opportunity to comment on the draft supplement to the FEIS on the Central City Project, Upper Trinity River, Texas. We look forward to receiving your response to our comments.

Sincerely,

Elizabeth B. Willis
President

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 1:08:27 PM -06'00'

 The justification for considering options that would require initial damage to and replacement of these facilities is that it would assist in the integration of substantial multipurpose project benefits including flood damage reduction, ecosystem improvements overall recreational opportunities and it enables the economic revitalization of the Trinity Uptown Area and Gateway Park. Some estimates of economic benefits to the community – 1.6 Billion (2005 dollars) are estimated for the entire City. Increases in taxable value of a now slow growth area will change from 129 Million to 1.3 Billion over the build out period. Furthermore as detailed design is advanced efforts can be made to reuse/ recycle existing park features to reduce overall project expenditures.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 1:05:44 PM -06'00'

 Many options for valley storage have been evaluated during the planning process for the original EIS and during development of this Supplemental EIS. Through this process the most advantageous sites in terms of availability, environmental impact, constructibility, cost, storage benefit, and land ownership were determined. This site was favored because of its low impact to existing environmental resources, public ownership, availability, cost, and storage benefit.

Riverside Park is a Community park and even with the proposed changes it will remain accessible to the community. The proposed changes would replace the existing facilities with better newer facilities. The greenbelt is not compromised by excavation. The green belt would still remain in tact. In fact the proposed grading scheme would make the river more accessible to a diverse range of potential recreational uses originating from Riverside Park. It could also serve to help reduce overcrowding and overuse of the park by allowing more natural features to evolve. Since the project has not been fully designed or master planned by the City of Fort Worth there are a range of potential opportunities to enhance the park.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 2:59:14 PM -06'00'

 Over 40 valley storage sites were evaluated, as shown on Figure 6 in the supplement, as part of the planning process for the original EIS and during development of this Supplemental EIS. Through this process the most advantageous sites in terms of availability, environmental impact, constructibility, cost, storage benefit, and land ownership were determined. This site was favored because of its low impact to existing environmental resources, public ownership, availability, cost, and storage benefit.

Riverside Park is a Community park and even with the proposed changes it will remain accessible to the community. The proposed changes would replace the existing facilities with better newer facilities. The greenbelt is not compromised by excavation. The green belt would still remain in tact. In fact the proposed grading scheme would make the river more accessible to a diverse range of potential recreational uses originating from Riverside Park. It could also serve to help reduce overcrowding and overuse of the park by allowing more natural features to evolve. Since the project has not been fully designed or master planned by the City of Fort Worth, there are a range of potential opportunities to enhance the park.

February 19, 2008

U.S. Army Corps of Engineers
Fort Worth District
Attn: Project Manager, Mr. Saji Alammattil
CESWF-EC-D
P.O. Box 17300
Fort Worth, Texas 76102-0300

Re: Draft Supplement No.1 to the Final EIS for Central City

Regardless of the expensive marketing efforts and political spin put forth to justify changing the boundaries of the Trinity Uptown Project yet again, the truth is still evident. This truth is that placing the mitigation area below and outside the Trinity Uptown area proves that the by-pass channel proposal is inadequate to serve its flood control function. Why is valley storage volume needed below the project location? The use of Gateway Park seems to be nothing more than a stop-gap measure meant to prevent flood water from inundating downstream cities that you are not allowed by law to flood. Your Project is suppose to handle its own water flow problems AND not raise the down stream flows or velocities. It seems that your project can do neither and needs a downstream park to provide relief.

It is obvious that since the Gateway Park area was not in the original study area, that it IS an afterthought and nothing more than a late band-aid for a project that has created hydraulic problems with its design. Problems that were big enough that you needed to enlarge the project area to the west to try and solve the hydraulic problems in the Riverbend area. When Riverbend proved too expensive to solve your problems, you selected another location, again outside the project area, to accommodate the flood waters that could not be handled by the original project design of shortening of the river channel and its capacity to carry a standard project flood.

The CEO's written statement in the December 21, 2007 notification letter of a Draft Supplement No. 1 to the Final DSEIS for Central City project on the Upper Trinity River in Fort Worth stated, "Alternatives considered include the No Action Plan, which assumes that each project would proceed separately as currently approved, and a modified Central City Project alternative." How can this be a true statement when it has been reported that the current Central City Project - Trinity Uptown needs mitigation and a replacement area for its lost of valley storage. Without Riverbend - without Gateway Park, how could the COE allow the Central City Project to "proceed separately" without mitigation some where? Without a designated valley storage replacement area, there would seem to be no Central City project.

Page: 198

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:04:59 PM -06'00'

 The by-pass channel provides necessary level of flood protection within the Trinity Uptown area however hydraulic mitigation can occur upstream or downstream of by-pass channel to meet the criteria contained in the 1988 Record of Decision on the Trinity Regional Environmental Impact Statement . The Supplemental EIS compares utilizing the Riverbend area to the Gateway Park as the primary location to provide the necessary mitigation.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 3/10/2008 4:07:22 PM

 During plan formulation for the original Central City project, the Gateway Park area had been studied for ecosystem restoration and a report submitted and approved by the Secretary of Army for recommendation for authorization. That project authorization has not occurred and the concept that the Gateway Park and Riverside Oxbow area could be incorporated into the project to provide a similar or larger level of environmental benefits, and required hydraulic mitigation on a reasonable time scale evolved from additional study and review. The Supplemental EIS was conducted to evaluate that potential.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 3:25:09 PM -06'00'

 The no action plan included the authorized Central City and Assistant Secretary of Army, Civil Works approved Riverside Oxbow projects. The Central City and Riverside Oxbow projects could proceed separately with their respective identified mitigation areas. Riverside Oxbow could proceed subsequent to Congressional authorization.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/21/2008 6:27:10 PM -06'00'

 The complete project accomplishes this objective.

February 19, 2008

U.S. Army Corps of Engineers
Fort Worth District

Attn: Project Manager, Mr. Saji Alammatttil

Re: Draft Supplement No.1 to the Final EIS for Central City
Page --2-

Gateway Park has had several Master Plans but failed to secure the political will to implement them until now when Downtown Ft. Worth now needs this land in order to try to solve the hydraulic work. Gateway Park should be improved on its own as it was promised and not have to spend its funds to shore up Trinity's hydraulic problems.

Why is the COE resisting accepting the failure of the current Trinity Uptown design? Isn't it time to take another look at improving the existing levees and solving the uptown development proposals with more creative design that incorporates the existing levees and avoid creating new hydraulic problems? A group of citizens made a suggestion for such an approach, what is the harm in considering a workable hydraulic solution within the project area as you are suppose to do?

It is unfortunate that politics seems to get in the way currently of sound engineering practices and scientific, intellectual thinking. Thank you in advance for your consideration.

Judith Crowder
2112 College Ave.
FTW, TX 76110

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 3:32:59 PM -06'00'



The Corps of Engineers has been authorized to construct the Central City project contingent upon finding the project as developed by the local sponsors to be environmentally acceptable and technically feasible. The engineering studies conducted to date have been for that purpose. The original Central City and Modified Central City projects are required to meet the Corridor Development Certificate (CDC) and 1988 Record of Decision which established a set of common permit criteria and procedures for development within the Upper Trinity River Corridor. The previous Central City project and Modified Central City project as defined in the Supplement to the FEIS meet the CDC requirements. Hence, if the modified project is not carried forward the original project can be implemented as previously authorized and approved by the 2006 ROD received for the Central City project.

BOWEN PROPERTIES

Established in 1925



RECEIVED

February 19, 2008

15:51 PM
egb

Mr. Sajji Alumuttill
Project Manager
CESWF-EC-D
US Army Corps of Engineers
Fort Worth District
P.O. Box 17300
Fort Worth, TX 76102-0300

Dear Sir,

This letter is to provide the comments of Bowen Properties on the Draft Supplement No. 1 to the Final Environmental Impact Statement Upper Trinity River Central City Fort Worth Texas ("DSEIS") dated December 21, 2007.

Bowen Properties consists of ten common law trusts and five LLC's, which own land as tenants in common inherited from the estate of the late R.C. Bowen.

Included in the sites owned by Bowen Properties are a number of tracts of vacant land east of Downtown Fort Worth. In particular Bowen Properties is the owner of sites numbered 10, 16a, 16b and 18b in Figure 9 of the DSEIS.

We have reviewed the DSEIS and find it to be lacking in two major respects: First, the environmental, social and economic impacts of moving the valley flood water storage required by the Fort Worth Trinity River project from the West side of Downtown Fort Worth to the East side of Downtown have not been identified and evaluated adequately or completely. Second, alternatives to the recommended revised plan have not adequately been identified and evaluated adequately or completely.

Bowen Properties has a long history of ownership on the Eastside. During the 1940's, 1950's and 1960's Bowen Properties tracts along Beach Street (including sites 16a and 16b) were operated as gravel pits. Shortly after the death of Ramah Bowen, R.C. Bowen's widow, in 1970, the City of Fort Worth approached Bowen Properties to request the end of gravel mining along Beach Street and the adoption of reclamation plan. We worked with the City and the US Army Corps of Engineers to develop a reclamation plan; and a plan was approved and implemented voluntarily pursuant to a Section 404 permit issued by the Corps (City fill permitting requirements came much later).



PO Box 1715
Fort Worth, TX 76101-1715

Telephone: 817-336-8590
Fax: 817-336-0177

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 4:33:29 PM -06'00'

 We disagree with this conclusion. Direct, indirect and cumulative impacts of the project including environmental, social and economic impacts have been considered. Two alternatives were identified in the Supplemental EIS and were addressed.

Under the Section 404 permit, Bowen Properties brought in between 700,000 and 800,000 yards of clean fill to reclaim the frontage area along both sides of Beach Street by filling to a level above what was then the 100 year flood plane elevation. In accordance with the 404 permit and reclamation plan, we created wetland areas and small lakes both east and west of Beach Street. Starting in the mid 1970's, this reclamation took about twenty-five years to complete. The Corps was active in supervision for the whole time with participation from the City Parks Department in later years after a significant portion of Bowen Properties acreage was incorporated into Gateway Park.

During the whole time of the reclamation project Bowen Properties paid taxes on the land and was diligent in creating what was contemplated by all parties to be (1) a large reclaimed area above the flood plain which would provide the City and it's citizens with tax base and commercial development location together with (2) wetlands and lakes to mitigate the filling of the old gravel pits and to provide buffer between the development areas and Gateway Park. George Frost, the youngest grandchild of R.C. Bowen, managed Bowen Properties and was primarily responsible for this reclamation and wildlife habitat project until his untimely death in April 2003.

As things stand now, the wetlands and the lakes created by Bowen Properties provide exceptional habitat teeming with a wide variety of plant and wild life. We believe that these lakes are these only place between Fort Worth and Dallas where Sand Hill Cranes winter-over. The Supplemental proposal to move valley storage from West to East will overturn and undo Bowen Properties generation long reclamation effort and potentially eliminate both the public and private benefits which were and worked for and paid for by Bowen Properties for such a long period of time in reliance on the Section 404 Permit and reclamation plan.

With this history of Bowen Properties on the Fort Worth East Side in mind, we now turn to some, but not all, of the details of the failures of the DSEIS described more generally above:

A. Failure of the DSEIS to Evaluate Impacts

1. There is no adequate analysis or description of the adequacy of the flood protection and floodwater storage provided in the DSEIS. Doesn't moving the floodwater storage downstream leave upstream areas unprotected? How much floodwater storage is required? Where? How have these requirements been derived?
2. The analysis of the impact of the DSEIS in specific areas is inadequate in a number of respects. Apparently the plan will require massive excavation and removal of soil in the Oxbow and East of Beach Street areas. There is no analysis of the costs or impacts of this excavation in terms of noise, dust, truck traffic, dollars and disruption of wetlands and habitat.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/26/2008 11:30:20 AM -06'00'

 Technical studies for air, General Conformity Analysis, Fort Worth Central City, Riverside Oxbow/ Gateway Park Site (10/4/2007) and noise, Noise Impacts Review for the Modified Fort Worth Central City, Riverside/ Gateway Area (10/8/2007) were prepared by Trinity Consultants, are available. These studies investigated noise, dust, air quality parameters, traffic routing and effects of excavation on existing and proposed future environmental conditions. No significant effects to air quality would occur and noise and traffic levels would be minimized due to the distance from housing and other receptors. Detailed analysis of impacts on wetlands and other habitats was given priority and were thoroughly documented in the SEIS. The Riverside Oxbow Gateway Park area, as you have noted contains existing valuable resources and a Feasibility Report completed in 2005 has shown that these values could be substantially improved through careful management. Results indicate that riparian woodlands and wetlands would be improved through implementation of the Modified Alternative.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 3:39:58 PM -06'00'

 The Supplemental EIS indicates the valley storage needed and how the primary and contingent sites were identified and evaluated. Subsequent modeling has shown that the storage identified is adequate and that upstream areas are not adversely impacted by the project. Adequacy and analysis of the flood protection and floodwater storage are provided in Technical Appendix A - Hydrology and Hydraulics of the DSEIS. The project is required to meet the requirements of the Corridor Development Certificate (CDC) process.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/21/2008 2:27:53 PM -06'00'

 The Corps of Engineers along with Texas Parks and Wildlife Department and the US Fish and Wildlife Service has conducted studies over several years within the Riverside Oxbow and Gateway Park areas to determine existing and future without a project habitat conditions. The same three agencies also developed early in the planning process site specific information that was utilized to avoid significant environmental resources like the higher quality resources you have identified. Subsequently the plans for valley storage and environmental improvements were combined to provide higher quality fish and wildlife habitat than would occur without the project or even with the project proposed in the Secretary of the Army approved plan for Riverside Oxbow Restoration. This plan as indicated takes advantage of the efforts previously done by Bowen Properties and provides additional future habitat benefits that would be maintained by public resources.

3. There is no identification of soil disposal excavations or analysis of the impact of the soil dumping on such locations.  
4. There is no evaluation of the specific adverse impacts of the excavation and construction program on the wetlands and lakes created by Bowen Properties pursuant to the reclamation plan and Section 404 Permit described above. 
5. There is no discussion or evaluation of the loss of commercial locations and tax base along Beach Street to the local community and the City. 
6. Environmental justice issues are not considered adequately. As distinct from the West Side, residents on the East side near the planned excavation and storage sites are to a significant extent African American, Hispanic and Asian in ethnicity. The modified plan contemplates replacing valley storage on the West with upscale development. On the East side the residents will lose commercial development (jobs and possibly shopping) along Beach Street in parcels 16a and 16b, and a potential site for a local community organic garden in parcel 18b. In exchange they will get an Equestrian trail and wooded habitat. Clearly there are environmental justice issues yet to be considered. 
7. There is a hazardous waste site in the study area yet to be evaluated. Site 18a covers the location of what used to be a water filled gravel pit known as the Frying Pan Lake. During the 1970's and early 1980's when Bowen Properties was reclaiming its tracts with clean fill pursuant to a supervised 404 Permit, Frying Pan Lake was filled to a level above the flood plain as an uncontrolled, unregulated and unpermitted industrial waste disposal site. Closure pursuant to RCRA closure regulations is required, but has not been done. Frying Pan Lake is a large site with a significant potential for releasing hazardous substances into the environment during a flood. No consideration has been given in the DSEIS to the existence of this waste site in the study much less compliance with RCRA. 

B. Failure to Consider Alternatives:

1. The DSEIS lacks any overall evaluation of the original plan, which locates most of the valley storage on the West side in comparison to the modified plan which moves valley storage to the East. The basic rationale for the change, as stated in the DSEIS, is that the owner of the Riverbend Ecosystem Storage Site on the West has development plans (and implicitly has the political and economical clout to push the valley storage downstream). Nowhere in the DSEIS is there a coherent and factual comparison of the two alternatives from an environmental, flood control, and social and economic cost/benefit point of view. 
2. It is not at all clear from the DSEIS that all potential alternative storage sites have been considered. Thus, there may be no basis for asserting a valid

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 3:51:21 PM -06'00'

 Disposal sites are identified and their impacts discussed within Appendix F of the Draft Supplemental EIS and the impacts on land vegetation and habitat are included within impact analysis within Chapter 4- Environmental Consequences. Figure 10 of the SEIS also indicates the areas where fill will be placed (Valley Storage Site-Fill and Valley Storage Site-Potential Fill Site).

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:28:32 PM -06'00'

 Within the bounds of the project authorization, practical valley storage sites were identified and assessed in chapter 3 of the draft SEIS. Tables 3-1 through 3-4 present the process that was followed in determining the sites that were ultimately recommended in the Modified Alternative as primary or contingency sites.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:14:00 PM -06'00'

 The original plan is a component of the no action alternative and is sufficiently evaluated. All these factors other than cost/benefit were addressed in Chapter 4 and presented in table 2 of the SEIS. The Central City project was authorized without a requirement for a federal economic cost/benefit ratio but provides strict limitations on the total federal involvement in the project.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:15:33 PM -06'00'

 The intent of the Supplemental EIS was to develop and evaluate an additional alternative to provide valley storage mitigation other than what was approved by the 2006 Record of Decision for the original Central City Project and to re-evaluate the approved location of the Samuels Avenue Dam. During development of the supplement, multiple valley storage sites and differing relocations for the dam were screened. The Modified Central City Alternative compared the aspects of the the proposal that differed from the original EIS and compared the impacts and benefits not only of that project but to the aspects of the Riverside Oxbow Restoration project.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:01:43 PM -06'00'

 Additional discussion and clarification of project impacts on environmental justice issues has been provided in the SEIS and appendix D.

Sequence number: 6
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/21/2008 6:44:04 PM -06'00'

 Contaminant conditions within Valley Storage Site 18a have not been investigated to date. Three geotechnical borings were drilled approximately 400 feet west of this site. No environmental sampling was done in Site 18a because prior to the public meeting as confirmed by the subsequent receipt of this letter, we were unaware that an illegal industrial disposal may exist at this site. Prior to excavation of the site we will conduct environmental investigations to validate the concerns raised in your letter. If contamination is identified the Corps will insure that this site is appropriately addressed under applicable federal and state law.

Sequence number: 7
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 3:52:50 PM -06'00'

 The Corps of Engineers has coordinated with the U.S. Fish and Wildlife Service to document and evaluate impacts to the wetlands noted. Our evaluation indicates that the project would provide positive benefits to the wetlands within the study reach identified as Gateway Beach in the SDEIS and is disclosed within Chapter 4 and within Appendix E.

Sequence number: 8
Author: M2PLRBKC

3. There is no identification of soil disposal locations or analysis of the impact of the soil dumping on such locations. 
4. There is no evaluation of the specific adverse impacts of the excavation and construction program on the wetlands and lakes created by Bowen Properties pursuant to the reclamation plan and Sect  404 Permit described above. 
5. There is no discussion or evaluation of the loss of commercial locations and tax base along Beach Street to the local  community and the City. 
6. Environmental justice issues are not considered adequately. As distinct from the West Side, residents on the East side near the planned excavation and storage sites are to a significant extent African American, Hispanic and Asian in ethnicity. The modified plan contemplates replacing valley storage on the West with upscale development. On the East side the residents will lose commercial development (jobs and possibly shopping) along Beach Street in parcels 16a and 16b, and a potential site for a local community organic garden in parcel 18b. In exchange they will get an Equestrian trail and wooded habitat. Clearly there are environmental justice issues yet to be considered. 
7. There is a hazardous waste site in the stud  area yet to be evaluated. Site 18a covers the location of what used to be a water filled gravel pit known as the Frying Pan Lake. During the 1970's and early 1980's when Bowen Properties was reclaiming it's tracts with clean fill pursuant to a supervised 404 Permit, Frying Pan Lake was filled to a level above the flood plain as an uncontrolled, unregulated and unpermitted industrial waste disposal site. Closure pursuant to RCRA closure regulations is required, but has not been done. Frying Pan Lake is a large site with a significant potential for releasing hazardous substances into the environment during a flood. No consideration has been given in the DSEIS to the existence of this waste site in the study much less compliance with RCRA. 

B. Failure to Consider Alternatives:

1. The DSEIS lacks any overall evaluation of the original plan, which locates most of the valley storage on the West side in comparison to the modified plan which moves valley storage to the East. The basic rationale for the change, as stated in the DSEIS, is that the owner of the Riverbend Ecosystem Storage Site on the West has development p  (and implicitly has the political and economical clout to push the valley storage downstream). Nowhere in the DSEIS is there a coherent and factual comparison of the two alternatives from an environmental, flood control, cost, and social and economic cost/benefit point of view. 
2. It is not at all clear from the DSEIS that all potential alternative storage sites have been considered. Thus, there may be no basis for asserting a valid

Subject: Sticky Note

Date: 2/29/2008 3:03:21 PM -06'00'

 As early as 2004, City of Fort Worth identified in its Gateway Park Master Plan the proposal to incorporate these sites into the existing park. As such the economic changes along Beach Street would have occurred with or without the Modified Central City alternative.

public purpose in taking private property such as sites 16a and 16b for valley storage of floodwater.

3. There has been no consideration in the DSEIS of alternatives which would preserve the city tax base represented in parcels like 16a and 16b together with uses of these tracts which would be of more benefit to the local community.

In conclusion, the DSEIS needs to be reworked so that it provides a workable basis for evaluating the merits, fairness, and advisability of moving valley storage from the upper-class West side neighborhood to the diverse East side neighborhood in order to facilitate development by a private owner on the West side.

Sincerely yours,



Edmund B. Frost, Trustee
For Bowen Properties

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/29/2008 3:04:23 PM -06'00'



The Central City project provides the stimulus to preserve and to increase the city tax base. Parcels within sites 16a and 16b are a part of the Gateway Park Master Plan and have been intended by the City of Fort Worth to become a part of the park. As such no change to the City tax base than was previously planned by the City master plan will result from the alternative presented in the DSEIS.

DeAnn McKinley
6728 Fortune Road
Fort Worth, Texas 76116

U.S. Army Corps of Engineers
Fort Worth District
ATTN: CESWF-EC-D
Mr. Saji Alummattil
P.O. Box 17300
Fort Worth, Texas 76102-0300

Affected Jurisdiction: Upper Trinity Basin, Trinity River, Texas

Re: Response to the Final EIS for Central City Project

The Trinity Uptown project has been expanded. Gateway Park now has to solve the flood control and problems that has been created by the New Flood Control Project - Trinity Uptown. I thought part of the criteria of a project design would have been to solve any problems within the project area and not create new ones outside the area.

These major design problems seem to be multiplying as the project area is expanded. The concerns for flooding in Gateway Park seem to be coming from the NEW By-Pass Flood Control Project. Doesn't this seem strange?

The Gateway Park should be able to be improved without having to take on the hydraulic problems of Trinity Uptown. It seems that Gateway Park is having to be redesigned in order for it to bear the burden of Trinity Uptown's inadequate valley storage problem and still may be flooded.

I had heard that the COE is waiting on results of flood design studies that have not been concluded to date. The COE said that the project area may change again - once the results from various studies have been finished. I have also heard that the project (Trinity Uptown) is on track and going forward. But, I have not heard when these problems under study will or will not be completed. Why would the COE approve a request from the City of Fort Worth to expand the project to Gateway Park when studies had not been completed? Why does the Riverside Oxbow Restoration Project have to be delayed and expanded just to preserve the Trinity Uptown design for economic development while inadequately addressing flood control in it's area?

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:56:24 PM -06'00'

 From a Federal and local sponsor perspective, the Modified Central City alternative will accelerate features and additional restoration values of the original Riverside Oxbow Restoration project. Both the with or without project condition alternatives adequately address flood control requirements established in the 1988 Record of Decision and Corridor Development Certificate criteria.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:48:53 PM -06'00'

 The Corps of Engineers has completed adequate flood design studies to determine environmental acceptability and technical sufficiency of the Modified Central City project alternative. The original Central City and Modified Central City projects are required to meet the Corridor Development Certificate (CDC) and 1988 Record of Decision which established a set of common permit criteria and procedures for development within the Upper Trinity River Corridor. The previous Central City project and Modified Central City project as defined in the Supplement to the FEIS meet the CDC requirements. Hence, if the modified project is not carried forward the original project can be implemented as previously authorized and approved by the 2006 ROD received for the Central City project. As part of on-going design efforts as part of the authorized Central City project additional engineering studies will be conducted to complete the detailed design.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:38:12 PM -06'00'

 The Gateway Park area was only considered after the City of Fort Worth formally requested the Corps of Engineers to explore the concept of combining the original Fort Worth Central City project with the previously authorized Riverside Oxbow Ecosystem Restoration project is contained within the Upper Trinity River Study Area.

It is illegal to flood to your neighbor. Why should downtown Fort Worth flood Gateway Park to avoid flooding Arlington? Why should downtown Fort Worth's economic development (Trinity Uptown) be allowed to compromise the full use and enjoyment of Gateway Park's improvements? It may not be as illegal as flooding your neighbor (Arlington), but it does not make it right.

I don't understand spending money to make a flood - I don't understand why people would not be respectful of other areas of Fort Worth. Evidently, a few want to spend OUR Federal, State and City Tax dollars (which are in the MILLIONS) to build a poorly design project which will flood another area downstream rather than revisiting the design of Trinity Uptown in order to solve its problems within the project area.

DeAnn McKinley
6728 Fortune Road
Fort Worth Texas 76116

★ RIVERSIDE ALLIANCE ★

*Bonnie Brae N.A. *Carter Riverside N.A. *Gateway N.A. *Highcrest N.A. *Oakhurst N.A.
Scenic Bluff N.A. *Springdale N.A. *Sylvan Heights West N.A. *United Riverside N.A.*

February 8, 2008

U.S. Army Corps of Engineers
Fort Worth District
ATTN: CESWF-EC-D (Mr. Saji Alummuttil)
P.O. Box 17300
Fort Worth, Texas 76102-0300

Dear Mr. Alummuttil,

On February 7, 2008 the delegates to the Riverside Alliance voted to convey to our position on the proposed flood storage in Riverside Park as proposed in the "Draft Supplement No. 1 to the Final Environmental Impact Statement for the Central City Project, Upper Trinity River, Texas."

The Alliance position is as follows on proposed flood storage in Riverside Park:

Our organization declines to endorse the flood storage plan as proposed in the Modified Central City Alternative which includes flood storage in Riverside Park because we do not currently have enough information about the project. We support using City of Fort Worth gas lease bonus monies for Riverside Park to fund a Riverside Park Master Plan.

The following are specific comments and questions on the draft supplement:

1. The draft supplement does not take into account the aesthetic, historic, and cultural significance of Oakhurst Scenic Drive, part of which is immediately adjacent to Riverside Park and the proposed flood storage area. Oakhurst Scenic Drive, from Belknap on the south to Watauga Road on the north, was constructed as a park by the Works Progress Administration Project with Tarrant County in 1936. It was designed by S. Herbert Hare, a partner in the nationally known Kansas City landscape architecture firm Hare and Hare.

Oakhurst Scenic Drive has been listed as a scenic corridor by the City of Fort Worth for more than 15 years. It is an important historic, cultural, recreational, and aesthetic resource to the citizens of Oakhurst and all citizens of Riverside and Fort Worth.

Founded & Organized for Change 'N' the 21st Century

Richard (Rick) Herring, Founder 2/1995

Page: 206

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:17:33 PM -06'00'

 Comment is noted. Many options for flood storage were evaluated during the planning process for the original EIS and during development of this Supplemental EIS. This site was favored because of its low impact to existing environmental resources, publicly owned land, and economic cost.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:20:08 PM -06'00'

 Oakhurst Scenic Drive will be added to the Area of Potential Effect and discussion effects to this road will be included in the FSEIS.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 10:38:20 AM -06'00'

 City of Fort Worth is a sponsor of the Central City project and has endorsed use of Riverside Park as a Valley Storage Site. According to the City the proposed plan of reconstruction of the site will provide amenities that equal or exceed recreational and environmental features of the existing park area including facilitating use of the Trinity River.



The draft supplement does not take into account the impact of flood storage in Riverside Park – either preparing for it or maintaining it  Oakhurst Scenic Drive. We find this to be a deficiency of the document.

2. The proposal for flood storage in Riverside Park does not take into account the desire of residential property owners in Riverside to have a Riverside Park master plan produced which would take into consideration opportunities to make the park a neighborhood rather than a regional park serving several neighborhoods. The proposed flood storage plan also does not take into account new opportunities to develop the park as a pedestrian destination  closely linked to the new Six Points Urban Village and to other Riverside neighborhoods .
3. We are aware of the Texas Department of Transportation's plans to double the existing capacity on Interstate 35, immediately adjacent to Riverside Park and the Scenic Bluff and Oakhurst neighborhoods. What impact would flood storage in Riverside Park (and other nearby contingency flood storage sites) have on I-35 expansion? The draft supplement does not take into account the impact of its proposal for Riverside Park flood storage of  XDOT's plans.
4. There may be now or may in the future be gas drilling under Riverside Park. The draft supplement does not take into account the impact of the proposal for Riverside Park flood storage on current or future  drilling in or near the park or vice versa.
5. The draft supplement does not take into account the impact of proposed flood storage for Riverside Park on the nearby East Belknap Street Bridge, a historic resource identified in the Historic Resources Survey for Tarrant County, Texas and also eligible for listing in the National Register of Historic Places.

We appreciate the opportunity to comment on the draft supplement to the FEIS on the Central City Project, Upper Trinity River, Texas. We look forward to receiving your response to our comments.

Sincerely,



Sarah Walker
Moderator

cc: Sal Espino, City Council member, District 2, Fort Worth City Council
Danny Searth, City Council member, District 4, Fort Worth City Council
Kathleen Hicks, Mayor Pro Tem, District 8, Fort Worth City Council
Mayor Mike Moncrief, City of Fort Worth
City Council members, City of Fort Worth
U.S. Rep. Michael Burgess, District 26
U.S. Rep. Kay Granger, District 12

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:21:15 PM -06'00'

 The use of Riverside Park as Valley Storage requires relocation of impacted infrastructure and temporary disturbance of existing recreational amenities. Excavation work as proposed avoids areas of existing woodlands within the park and along Oakhurst Scenic Drive. The City of Fort Worth is responsible for the current maintenance of the park and will continue in this role under the proposed project. As the overall footprint of the park will not be altered increased maintenance costs on an annual basis will not be greatly affected. As is the case with other City parks and Riverside Park, which are within the floodway, maintenance costs as a result of flood events will be handled from contingency funds as required as they are not an annual event. Oakhurst Scenic Drive would be repaired as necessary to a standard consistent with the needs and desires of the community.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:24:19 PM -06'00'

 The bridge is a historic resource that spans an active floodway and the floodway width is not affected near the bridge. Therefore, there is no physical or visual effect on the bridge by the proposed undertaking as the bridge continues to serve its historic purpose of spanning a floodway. No adverse effects due to the haul routes are anticipated to the resource. Reference Appendix C- Volume II, Sheet CG-10 for proposed grading work.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:23:38 PM -06'00'

 At this time a surface drill site has not been identified but City rules preclude it from occurring on the park site and that sufficient buffering occur between park and neighborhood land uses and a proposed drill site.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 4:22:58 PM -06'00'

 The proposed flood storage improvements in Riverside Park are not adjacent to I-35 and will not be impacted by TxDOT plans for the I-35 corridor; see Appendix C- Volume II, Sheet CG-10. The contingency sites if required would be coordinated with TxDOT and configured in a manner that will not impact I-35 expansion.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 3:18:19 PM -06'00'

 The size and location of Riverside Park preclude it from being a neighborhood park by classification. The City currently classifies the park as a Community Park. Community Parks are close to home parks designed to service the recreation needs of 18,000-36,000 or approximately 6 neighborhoods. Riverside Park also serves as a trailhead on the Trinity River Trail system which will not be altered by the proposed plan. The proposed plan does not preclude the further development or alternative development of the park as a pedestrian destination linked to the adjacent neighborhoods and neighborhood commercial areas. As presently planned the proposed project includes the relocation of existing parking facilities and connection to the recreational trail to be adjacent to Race Street thereby providing a better linkage to the Six Points Urban Village and Riverside neighborhoods. The City has committed to a Master Plan process to determine the recreational facilities within the park. The neighborhoods that are served by the park are not all opposed to the proposed plan. The Scenic Bluff Neighborhood, adjacent to Riverside Park, has endorsed the plan.



February 8, 2008

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FORT WORTH

ROBERT L. COOK
EXECUTIVE DIRECTOR

Saji Alummuttil
U.S. Army Corps of Engineers
Attn: CESWF-EC-D
P.O. Box 17300
Fort Worth, TX 76102-0300

RE: Draft Supplement No. 1 to Final Environmental Impact Statement for the Upper Trinity River Central City Project (Tarrant County)

Dear Mr. Alummuttil:

The U.S. Army Corps of Engineers (USACE) has conducted a Draft Supplement No. 1 to the previously approved Final Environmental Impact Statement (DSEIS) for the Upper Trinity River Central City Project. The DSEIS has been provided to address a proposed alternative that would integrate the Central City Project with the Riverside Oxbow Ecosystem Restoration Project, two separate projects along the West Fork Trinity River in Tarrant County. The integrated project would be called the Modified Central City Alternative and would involve 1) providing valley storage, as required to mitigate for hydraulic impacts of the Central City Project, within the downstream Riverside Oxbow area rather than at the originally proposed upstream Riverbend site, 2) relocating the approved Samuels Avenue dam on the West Fork Trinity River from its original location downstream of Marine and Lebow Creeks to a location upstream of both creeks, 3) constructing a low water dam in the southern portions of Marine Creek, and 4) creating a boat channel and lock structure between the Trinity River impoundment and Marine Creek to allow for boat access between the two systems.

The Texas Parks and Wildlife Department (TPWD) offers the following comments and recommendations regarding the Modified Central City Alternative:

Valley Storage Sites

Figure 7 shows Essential Restoration Lands bounded along the old river oxbow and Figures 8 and 9 indicate potential valley storage sites, specifically Site ID 10 and 14a, within the Riverside Oxbow area that would avoid the Essential Restoration Lands. Figure 10, on the other hand, indicates Recommended Valley



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Storage – Cut locations for Site ID 10 and 14a that are not of similar size as those identified in Figures 8 and 9 and thus encroach on the Essential Restoration Lands. The Central City Habitat Development Plan for the Riverside Oxbow Area, Figure 12, shows a reduced amount of restored buffer along the Oxbow than was originally proposed in the Approved Riverside Oxbow Ecosystem Restoration Project, Figure 2. The new plan has “turf grass” planting proposed in the Essential Restoration Land area along oxbow.



Comment. The proposed “turf grass” plantings that encroach on the Essential Restoration Lands should be changed to native tallgrass plantings or riparian woodlands.



Comment. The proposed native grassland habitats of the Essential Restoration Lands should include tallgrass species that are not continually mowed. A mowing plan should be established that reduces mowing to every 3 years or when woody encroachment is evident. Some woody species within the native prairies may need individual plant applications of herbicide because mowing some woody species only creates multiple stem re-sprouting.

Over time, valley storage basins can accumulate sediment that settle out when flood waters enter the basins. Chapter 4 page 14 provided a short paragraph on the potential for approximately 3.5 inches of sediment to occur over a 30 year period. The DSEIS indicated that this amount of sediment would not have a detrimental effect on the proposed habitat developments within the excavated areas.

The DSEIS did not clearly indicate if the amount of sediment accumulation would affect the volume of valley storage that is needed, and whether any potential sediment dredging would be needed to account for valley storage losses. If dredging ever becomes necessary, those basins planted with riparian woodland vegetation would be impacted. The riparian areas would then need to be replanted. In order to prevent having to clear riparian vegetation for dredging, the USACE should consider planting early succession vegetation communities in those basins rather than later succession woodland communities. Incorporating an emergent wetland community within the basins would make reclamation following dredging more feasible.



Comment. The potential need for sediment removal to meet valley storage requirements and associated habitat mitigation impacts should be addressed in the DSEIS.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:24:16 PM -06'00'

 Sedimentation transport studies conducted indicate that sedimentation within the valley storage areas will not be a significant impact to valley storage and therefore will not need to be removed. The threat to the perpetuation of riparian forests within these areas during the 50-yr study period was evaluated. The Corps and local sponsor acknowledged that there was some risk and consequently estimated future riparian values than if done on non-excavated areas. In addition, a long term monitoring and adaptive management program will be utilized to adapt to conditions that may affect future benefits.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:11:45 PM -06'00'

 Turf grass plantings have been proposed in areas of forecasted high pedestrian use or other factors that preclude the use of native tallgrasses. During subsequent detailed design, each site will be further evaluated and if turf grasses areas can be replaced or reduced with native tallgrass, that action will be implemented.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:24:26 PM -06'00'

 An Operations and Maintenance Manual for all ecosystem improvements will be developed during detailed plans and specifications prior to completion of construction. The sponsor will be responsible for O&M. This information will be useful in consideration of species to use and development of that plan.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:05:31 PM -06'00'

 The original Riverside Oxbow project report findings were utilized along with recent field investigations and review of existing imagery to determine environmentally sensitive areas for establishing boundaries on the figure to promote a planning objective of minimizing impacts to existing high quality resources and those high quality resources that would be established should Riverside Oxbow Project ever be authorized for construction (essential restoration lands). As you have noted all impacts could not be avoided, however through planning discussions between hydraulic, civil and environmental planners, the impacts were minimized to the extent possible within the accuracy of information available.

Saji Alummutilil
Page 3
February 8, 2008

Habitat Development Plan at Riverside Oxbow Area

The native grasses proposed within the Savannah habitats for the Central City Habitat Development Plan were not clearly described in the DSEIS.

Recommendation. The herbaceous vegetation planted for the Savannah habitats should consist of native grasses and forbs species that create a diverse community. As described above, these areas should be protected from continual mowing.

There has been a dramatic increase in water demand across North Texas, thus water conservation is essential to this area. Native vegetation is adapted to the soil and climate of the area and usually requires less maintenance and watering than introduced species. The disease tolerance of native vegetation provides longevity to the landscape without high cost. Native landscapes provide an enjoyable outdoor space for the public while also benefiting wildlife such as birds and butterflies.

Recommendation. To enhance the value of the proposed "turf grass" planting areas to both wildlife and the public and to reduce irrigation use, the native turf grass, buffalograss (*Buchloe dactyloides*) should be planted.

Thank you for consideration of these recommendations. Please contact me at (903) 675-4447 if you have any questions.

Sincerely,



Karen B. Hardin
Wildlife Habitat Assessment Program
Wildlife Division

kbb/12900(12329, 11137, 11132, and 11032)

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 12:34:28 PM -06'00'

 The intent is to establish the savannahs utilizing species that would provide the results recommended. Fish and Wildlife Service has provided some recommendations and further coordination with state, local and federal resources agencies and groups will be conducted to determine the appropriate species mix on a site by site basis during detailed plans and specifications development.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 12:35:36 PM -06'00'

 To the extent possible buffalograss will be utilized for the reasons mentioned.



United States Department of the Interior

OFFICE OF THE SECRETARY
Office of Environmental Policy and Compliance
P.O. Box 26567 (MC-9)
Albuquerque, New Mexico 87125-6567



IN REPLY REFER TO:

ER 08/51
File 9043.1

February 14, 2008

Saji Alummutil, Project Manager
U.S. Army Corps of Engineers
Fort Worth District, CESWF-EC-D
P.O. Box 17300
Fort Worth, Texas 76102-0300

Subject: Review of the Draft Supplement No. 1 to the Final Environmental Impact Statement (DSEIS), for Upper Trinity River Central City, Fort Worth, Texas

Dear Mr. Alummutil:

The U.S. Department of the Interior has reviewed the subject DSEIS and has the following comments. Since 2001, the U.S. Army Corps of Engineers has been evaluating various alternatives for flood damage reduction, mitigation, and reestablishment of fish and wildlife habitats, recreational opportunities, and other allied projects along the West and Clear Forks of the Upper Trinity River and its tributaries in Tarrant County, Texas. These studies are being conducted at the request of the non-federal sponsor, Tarrant Regional Water District (TRWD), and under the Corps' June 2000 Upper Trinity River Basin Study authority.

The Riverside Oxbow Ecosystem Restoration and the Central City Multi-Purpose projects were the first two studies being conducted as part of the comprehensive Clear Fork and West Fork of the Trinity River Interim Feasibility Study. The Corps' Riverside Oxbow Report and Integrated Environmental Assessment were completed in April 2003 and some aspects of the plan have already been implemented. In December 2004, the United States Congress authorized the Corps to undertake the Central City project as generally described in the April 2003 Trinity River Vision Master Plan, a cooperative initiative between the TRWD, Streams and Valleys (a local non-profit parks organization), and the City of Fort Worth (City). The Upper Trinity River Central City plan and Environmental Impact Statement were completed in January 2006.

The Central City Project Plan, as described in the January 2006 EIS, includes a flood bypass channel and floodgates to divert flood flow around a segment of the existing Trinity River adjacent to downtown Fort Worth. In addition, project plans consist of a dam located downstream of Samuels Avenue to create a small lake extending up the river to approximately Rockwood Park, ecological restoration areas, and 5,250 acre-feet of valley storage mitigation sites. Much of the proposed valley storage was to be located in the Riverbend Park area to compensate for the loss of valley storage associated with the construction of the proposed dam and bypass channel on the Trinity River. Habitat improvement, restoration, and enhancement were also planned for the Riverbend Park area to compensate for project impacts.

The April 2003 Riverside Oxbow Interim Feasibility Report and Integrated Environmental Assessment contains plans for the Riverside Oxbow ecosystem restoration project located just east of the downtown area on the West Fork of the Trinity River downstream of Riverside Drive. It consists of habitat restoration on 512.2 acres of floodplain lands, approximately 2 miles of oxbow river channel, 56.5 acres of wetlands, 112 acres of riparian habitat and upland native grassland, and 25,700 feet of compatible mixed surface linear recreational trails.

The U.S. Fish and Wildlife Service assisted the Corps in assessing both projects. That involved attending team meetings, conducting site visits, completing baseline habitat assessments, and evaluating alternative plans.

On June 22, 2006, the City requested that the Corps conduct an evaluation and analysis to consider the potential benefits of merging the Central City and the Riverside Oxbow project areas. Significant changes in land use and development activities within the project areas have occurred since the National Environmental Policy Act documents were completed, such as the recent gas well drilling near the Riverside Oxbow.

The current study proposal contains two alternatives. The "No Action" Alternative would be the separate implementation of both the Central City and the Riverside Oxbow Ecosystem Restoration projects as they are currently approved and the Modified Central City Alternative would combine both projects. The modified project proposes the major attributes contained in the original plan, such as the bypass channel, isolation gates, the Samuels Avenue Dam, valley storage mitigation, and wildlife habitat mitigation. The Samuels Avenue Dam location is proposed to be relocated upstream of Marine Creek. The modified plan would minimize acquisition of private lands by locating the valley storage sites on public lands and concentrating wildlife habitat mitigation in the Riverside Oxbow project area. Aquatic habitat mitigation for impacts to Marine Creek resulting from construction of the dam, the proposed lock and channel located west of the dam, and the Marine Creek low water dam are still proposed for Ham Branch, but now includes restoration of Sycamore Creek within the Riverside Oxbow area. The modified project proposes to exclude Riverbend Park from the project for habitat mitigation but includes it as a contingency valley storage site if additional storage is necessary. The modified plan would require compensation for loss of about 18.3 acres of riparian woodlands, 59 acres of upland woodlands, 2.3 acres of aquatic habitat, and less than an acre of emergent wetlands. However, it includes establishing 58 acres of wetlands, restoration of 10.9 acres of stream and oxbow habitat, developing of 137.6 acres of riparian woodland, enhancement of 263.6 acres of existing riparian woodland, development of 87 acres of native grassland/savannah, and enhancement of 53.3 acres of native grasslands.

The FWS's Fish and Wildlife Coordination Act (FWCA) reports  for the Central City and the Riverside Oxbow Ecosystem Restoration projects contain our assessment of the existing environmental conditions of the project area and habitat restoration recommendations for the "No Action" alternative. The information contained in these reports and most of our recommendations have been incorporated into the Modified Central City alternative.

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/25/2008 5:27:23 PM -06'00'



US Fish and Wildlife Service provided valuable and much appreciated technical assistance during the formulation of the Central City and Riverside Oxbow Projects and Modified Central City Alternative.

General Comments

Samuels Avenue Dam and Marine Creek Low Water Dam

The fisheries survey conducted by the FWS in 2005 on Marine Creek demonstrated that the shallow riffle-pool sequences currently support an exceptional and high valued fish community. The FWS has designated the aquatic habitats within Marine Creek as Resource Category 3. Category 3 habitat is of high to medium value for the evaluation species and is relatively abundant on a national basis. The mitigation goal for this category is no net loss of habitat value while minimizing loss of in-kind values. Impacts to these aquatic resources should be avoided, minimized, and/or compensated.

The FWS expressed concerns in our October 5, 2005, Central City FWCA report that the aquatic habitat in these reaches would be totally lost due to inundation caused by the proposed Samuels Avenue Dam included in the proposed Community Based Alternative in the 2006 Central City Multi-Purpose project. The Modified Central City Alternative proposes to relocate the Samuels Avenue Dam to approximately 1,750 feet downstream of Northside Drive on the main stem of the Trinity River, immediately upstream from the confluence of Marine Creek. This new location would eliminate impacts to Lebow Creek. During normal dry weather, the dam will maintain the normal water-pool level elevation of 524.3 National Geodetic Vertical Datum (NGVD). The pool level of 516.5 NGVD within proposed channel and lock structure that would connect the Trinity River with Marine Creek and the fixed low water dam proposed on Marine Creek, approximately 300 feet upstream of the confluence with the main stem of the river, is much lower than the original project pool level. This lower level would reduce the backwater impacts to Marine Creek, but would still result in the inundation of shallow riffle and run fishery habitat. Therefore, mitigation would be required.

Aquatic Mitigation Plan

The FWS supports the proposed Modified Central City Alternative aquatic mitigation plan that proposes developing additional stream mitigation features in Sycamore Creek and Ham Branch. This mitigation would include construction of a series of riffle pool sequences with a stable streambed supported by stable banks and a riparian corridor in both streams. The streams should have a sufficient longitudinal profile (slope) to maintain adequate flow regimes. Substrate composition should be similar to the habitat in Marine Creek. These mitigation measures would fully compensate for the adverse impacts to the aquatic habitat in Marine Creek caused by the construction of Samuels Avenue dam and the low water dam.

We support restoring the old remnant of Sycamore Creek between Riverside Oxbow and the river. Providing a reliable water source and restoring the aquatic function of this segment of Sycamore Creek would benefit aquatic species and contribute to the mitigation requirement for the impacts associated with inundating Marine Creek. Habitat restoration benefits would not be fully realized for several years, but the newly planted aquatic vegetation proposed in the mitigation plan would probably be well established within 1 year. Habitat values for ducks, wading birds, and fish would still be low until woody debris and overhangs required for good wood duck, green heron, and raccoon habitat are established and the invertebrate numbers increase. Food availability would be greatly improved by the 10th year, but the woody debris and overhangs for perching and shelter would still be lacking. By the 50th year, it is assumed that

woody debris and overhangs would be available along the edge of the wetland, yielding optimum habitat for all the wetland indicator species.

The proposed valley storage site located in Harmon Field  contains the proposed Ham Branch restoration project area. Ham Branch is also being proposed for aquatic habitat restoration to mitigate for impacts to the aquatic environments associated with inundation of Marine Creek due to the proposed Samuels Avenue dam. The FWS supports the proposed aquatic and riparian habitat restoration of Ham Branch.

Specific Comments

Valley Storage Sites

Site 1: This site is located within Riverbend Park that receives a significant level of seasonal public use. Our October 5, 2005, report contained information regarding the high quality of habitat located within this area. The park contains a diversity of habitats; grasslands, riparian woodlands, upland woodlands, and wetlands. The upland woodlands contain the highest overall wildlife habitat values that were measured in the project area. We recommend that this area not be considered for excavation for valley storage, but as possible habitat mitigation if additional habitat mitigation is necessary. 

Site 5a: Appendix E, page 6, states, "Negative impacts to Lebow Creek would be totally eliminated..." Figure CG-06 in Appendix C, Volume II indicates that the lower east bank of Lebow Creek would be excavated as part of the proposed valley storage Site 5a. The DSEIS does not address this impact. We recommend that excavation of Lebow Creek be avoided and the boundary of the proposed valley storage Site 5a be located further east as to not cause adverse impacts to the creek.

Site 8: This site located within Riverside Park contains grasslands, riparian woodlands, and upland woodlands. The project area receives a significant level of seasonal public use. All the habitats in this project area have great potential for improvement; however, this area currently has a high habitat value per acre. The existing small stream at the south end with its narrow riparian woodland corridor on each bank and a stand of mature pecans are important to local mast producers. With a change in the management of the ground cover, this site could become high quality riparian habitat. We recommend moving Site 8 further south. 

Site 9: This site is the location of the proposed Ham Branch restoration project, which was selected for environmental mitigation to compensate for impacts to the aquatic environments associated with inundation of Marine Creek. The FWS looks forward to assisting the Corps in the habitat restoration planning of Ham Branch. 

Sites 12 and 14a: Proposed valley storage sites 12 and 14b appear to encroach into the bottomland hardwood riparian corridor along the Riverside Oxbow, removing mature trees and shrubs. The purpose of the approved Riverside Oxbow habitat restoration project is to restore the riparian forest within the Riverside Oxbow area and Gateway Park. Figure 7 depicts the "essential restoration lands" that were recommended by FWS, Corps, and state biologists that are known to contain quality riparian bottomland hardwood habitat. Bottomland hardwood habitat is becoming more scarce within Texas, especially within urban areas. The narrow bottomland hardwood habitat corridor within the Riverside Oxbow area is predominately composed of

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:32:44 PM -06'00'

 The portion of overall Site 8 (figure 10) that would be used as a contingency site is on private lands adjacent to IH-35. It was formerly used as a farmland and has mixed vegetation regrowth, mostly formland and early successional grassland and shrubs. Moving site 8 further south would put it into the forested area or into a primary valley storage site (Site 21). Site 21 avoids impacts to the stream and forested areas of Riverside Park.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 1:54:46 PM -06'00'

 The scale of the referenced drawing results in the appearance that excavation would occur down into Lebow Creek. Lebow Creek is deeply incised at the confluence and the excavation depth would not extend into the channel. Only the upper most part of the bank which is currently vegetated by seasonal growth of non-native forbs, would be disturbed. Appropriate controls will be utilized during construction to manage storm water runoff from the disturbed soils.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:32:57 PM -06'00'

 The Corps will continue its coordination with the FWS as plans and specifications continue on Ham Branch.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:29:59 PM -06'00'

 The area of proposed for valley storage if utilized as a contingency site would impact upland savannah primarily. No priorities have been established for use of contingency sites, however, should one or more of the sites be needed the design will be modified to the extent possible to minimize impacts to any high quality resources. While the Modified Central City Alternative as proposed would provide adequate mitigation should this site need to be ultimately impacted, revegetation of the impacted area would be necessary and to the extent possible, tree plantings and native grasslands would be utilized.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 12:45:22 PM -06'00'

 Support for the aquatic mitigation and restoration at Ham Branch and Sycamore Creek and Riverside Oxbow is appreciated.

Sequence number: 6
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:34:47 PM -06'00'

 The original Riverside Oxbow project report findings were utilized along with recent field investigations and review of existing imagery to determine environmentally sensitive areas for establishing boundaries on Figure 7 to promote a planning objective of minimizing impacts to existing high quality resources and those high quality resources that would have been established should Riverside Oxbow Restoration Project be authorized for construction (essential restoration lands). As you have noted all impacts could not be avoided, however through planning discussions between hydraulic, civil and environmental planners, the impacts were minimized to the extent possible within the accuracy of information available.

mature pecan, oaks, and elms. It provides food, cover, nesting habitat, and living space for forest dependent species. Large trees are important as nesting habitat for the fox squirrel (*Sciurus niger*) and red-tailed hawk (*Buteo jamaicensis*) and important escape cover for raccoons (*Procyon lotor*) and migratory birds. Brush piles and snags provide necessary food, cover, and shelter for small mammals and birds. Riparian forest habitats are essential in maintaining biodiversity and providing important wildlife travel corridors.

The proposed plan includes removing trees and shrubs to establish more riparian woodlands in this area, but it would take years for the trees to mature and the habitat to become quality bottomland-hardwood habitat. We recommend that trees within the riparian corridor be preserved as much as possible and that they be protected from excavation, construction, and erosion damage. Excavation for the proposed valley storage sites 12 and 14b should be relocated outside the designated "environmental sensitive area."

The project plans indicate that excavation will occur around the existing mature pecan trees along the Sycamore Creek remnant. Excavating around a tree to preserve it will not assure its survival if the roots are damaged or the moisture in the soil is changed due to such activities. Excavation around the trees along the Sycamore Creek remnant should not be closer to the tree trunks than the distance between the trunk and drip line plus 25 percent of the same distance to maintain their health. Any exposed roots should be reburied.

Site 16a and 18a: The wetlands located between the valley storage sites 16a and 18a were included in the environmentally sensitive areas designated by the interagency biologist team. The FWS is concerned that the excavation of proposed valley storage sites 16a and 18a may adversely alter the hydrology of these wetlands. Drainage from the surrounding land contributes to the water level in these wetlands. We recommend that the Final Supplemental to the Final EIS include an analysis of how the proposed excavation sites will affect the emergent wetlands within the project area and how these wetlands will be maintained.

The proposed project (Figures 13 and 14) includes 7,600 feet of wood mulch equestrian trail of which portions appear to be located along the banks of the wetlands in Gateway Park. Trampling by horses generally causes compaction of leaf litter and soil much greater than by hikers. Nutrient enrichment from horse manure and urine is also a likely factor that could favor invasion of weedy species along horse trails. Horse manure may contain viable seeds of exotic species. We recommend that the equestrian trail be located at least 30 feet from the shoreline of wetlands and other water bodies. We recommend that monitoring for and removal of horse manure and exotic plants continue as standard park maintenance.

Chapter 3, Marine Creek Low Water Dam, Paragraph 15, second paragraph - The DSEIS states that bank stabilization would be accomplished through the use of compacted concrete with rip-rap at the turnaround basin just upstream of 23rd Street. Hard bank protection could reflect wave energy against other unprotected soft banks. We recommend using more natural, soft engineering for bank stabilization.

Chapter 4, page 20, Habitat Outputs - The DSEIS states that the grassland types included in the plans are turf grasses, managed (mowed) grasses for stabilization on channel and levee slopes, and planted, managed, and improved native grasslands. We recommend planting native Buffalo grass, *Buchloe dactyloides*, in the parks and on the levees, instead of Bermuda grass.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:10:14 PM -06'00'

 Subsequent detailed plans and specifications will include evaluations to reduce the amount of encroachment into the environmentally sensitive areas identified per the Department's recommendation.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:12:47 PM -06'00'

 Existing design provides for bulkheads and other structures outside of the drip line of these valuable mature trees to provide protection against soil erosion and groundwater losses. As these trees provide valuable support to the entire Sycamore Creek aquatic habitat development, precautions recommended will be utilized to the extent practicable.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:45:15 PM -06'00'

 Wetlands within this site will be modified slightly by the project, however the intent is to provide an increase in size of the wetlands by contouring non-forested areas to provide a more gradual slope, placement of some fill in deeper waters, and proactively plant the wetland with native wetland plants to maximize habitat value gain and reduce invasion by non-native or less desirable native wetland plants. The excavations on either side will not shunt water away from the wetland areas and should not negatively impact the existing or proposed improved wetlands values.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:48:20 PM -06'00'

 We also prefer soft treatments where practicable, however Marine Creek carries significant flood flows at times from a large drainage area of North Fort Worth. In addition as small recreational/commercial water taxi type boat traffic will be accommodated in the future, some hard bank may be needed. This recommendation for utilizing softer banks where possible will be carried forward for further consideration during detail plans and specifications development.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:39:31 PM -06'00'

 We concur and agree that riparian forest habitat is essential to maintaining important wildlife habitat. Valley storage sites within the proposed Modified Central City Alternative in the Riverside Oxbow area allow for greater development of riparian forest within this area.

Sequence number: 6
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:46:51 PM -06'00'

 Concur, this recommendation will be carried further into plans and specifications. The trails will be located a sufficient distance from sensitive areas to minimize disturbance to wildlife utilizing the areas. The other reasons mentioned are also valid with regard to maintaining a sufficient distance between visitors and the wildlife habitat.

Sequence number: 7
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:26:49 PM -06'00'

 Buffalo grass will be utilized where site and use conditions are conducive.

Table 4-1, page 4-13 - The figures do not reflect the figures in the first table in Attachment 1 to Appendix E titled, "Without Project Versus With Project Conditions Modified Central City Project."

First Table in Attachment 1 to Appendix E, Without Project Versus With Project Conditions Modified Central City Project - The figures in the table under the Upland Forest column are incorrect. They appear to be off one line down.

Appendix E, page 10 - These habitat development and improvement acres do not match the ones given on page 4-18.

Summary

After reviewing information provided in the DSEIS, we have determined that the Corps' recommended plan, if the recommendations discussed above are included, would sufficiently mitigate the adverse impacts resulting from implementation of the modified project alternative. The mitigation plan would provide for habitat diversity, quality, and quantity, benefiting a variety of resident and migratory wildlife species. It would not adversely affect any threatened and endangered species. Reforestation and improvement of the riparian corridor would substantially increase the amount of vital reproductive and neotropical bird habitat, thus, furthering the goals and objectives of the North American Waterfowl Management Plan and the Partners in Flight program. For these reasons, we support implementation of the proposed Modified Central City Alternative.

Thank you for allowing us to comment on the DSEIS. If you have any questions or comments, please contact Ms. Carol Hale, FWS Ecological Services Field Office, Arlington, Texas, at 817-277-1100.

Sincerely,



Stephen R. Spencer
Regional Environmental Officer

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:51:12 PM -06'00'

 Concur, an error in formatting occurred during preparation of the draft report for printing to CD, however the correct version with non-shifted lines was used during writing of the technical appendix and Draft SEIS. This error has been corrected.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:39:44 PM -06'00'

 The acreages shown on page 4-18 are composite numbers from the entire Central City project, whereas the acreages identified on Appendix E, page 10 are limited to those areas preserved, improved, or developed solely with the Riverside Oxbow-Gateway Park study reaches.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:55:19 PM -06'00'

 To the extent practicable the Services recommendations have been adopted and future efforts will be coordinated with the Service and other resource agencies to minimize adverse impacts to key resources. The proposed habitat development plans will provide substantially more wetlands, riparian woodlands and stream habitat than unavoidably impacted by the project.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:32:45 PM -06'00'

 The numbers in Attachment 1 do not reflect additional residual impacts caused by Central City project implementation that are included in Table 4-1. Some impacts attributable to the project occur in areas outside of the areas that we analyzed in attachment 1, but were added to Table 4-1 from the original Central City EIS data.



TEXAS WATER DEVELOPMENT BOARD



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January 25, 2008

Mr. Saji Alummuttil, Project Manager
CESWF-EC-D

U.S. Army Corps of Engineers, Fort Worth District
P.O. Box 17300
Fort Worth, Texas 76102-0300

Re: U.S. Army Corps of Engineers, Joint Public Notice
Upper Trinity River Central City Project

Dear Mr. Alummuttil:

This is in response to the December 21, 2007 letter from William Fickel, Jr. concerning the referenced project. Our findings indicate that as a participant in the National Flood Insurance Program (NFIP), the City of Fort Worth has review responsibility and approval authority for projects within the City. Since a change in the water surface elevation is anticipated, a Letter of Map Revision may be needed.

Please note that as of September 1, 2007, the Texas Water Development Board became the State Coordinating Agency for the National Flood Insurance Program. Please send all future correspondence to:

Texas Water Development Board
Water Resources Planning Division
P. O. Box 13231
Austin, Texas 78711-3231

Thank you for bringing this matter to our attention. If you have any additional questions, please contact me at (512) 463-4350.

Sincerely,

Rachel Andrews, EIT, CFM
Assistant NFIP State Coordinator

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P.O. Box 13231 • 1700 N. Congress Avenue • Austin, Texas 78711-3231
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www.twd.state.tx.us • info@twd.state.tx.us
www.tnris.state.tx.us • info@tnris.state.tx.us
TNRIS - Texas Natural Resources Information System • www.tnris.state.tx.us
A Member of the Texas Geographic Information Council (TGIC)



Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:56:49 PM -06'00'

 Corps and local sponsor will coordinate with the City of Fort Worth in developing and submitting a Letter of Map Revision as the design and implementation of the modifications progresses.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733
February 19, 2008

WJF

William Fickel, Jr.
Chief, Planning, Environmental, and
Regulatory Division
Department of the Army
Corps of Engineers
Fort Worth District
P.O. Box 17300
Fort Worth, TX 76102-0300

Dear Mr. Fickel:

We have reviewed the Draft Supplemental EIS 1b. 1 to the Final Environmental Statement, for the Upper Trinity River Central City, Fort Worth, Texas. EPA reviewed the Final EIS on February 21, 2006, and had no further comments or objections to the proposed action. EPA has no additional comments to offer on the supplemental document.

Thank you for this opportunity to comment.

Respectfully yours,

Michael Jansky, P.E.
Regional EIS Coordinator.

RECEIVED
February 20, 2008
rb

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 2:44:10 PM -06'00'



Thank you for reviewing and commenting on the project modification proposal.



League of Women Voters of Tarrant County

3212 Collinsworth Street, Fort Worth, TX 76107

Phone: 817-348-VOTE (8683) FAX: 817-348-8683

Email : lwvtarrantcounty@sbcglobal.net

Web Site: www.lwvtarrantcounty.org

February 18, 2008

Mr. Sajj Alummuttill
CESWF-EC-D
U.S. Army Corps of Engineers
Fort Worth District
P.O. Box 17300-0300
819 Taylor Street
Fort Worth, TX 76102-0300

Subject: Comments and Questions concerning the Draft Supplement No. 1 to Final EIS for the Central City Project, Upper Trinity River, Texas

- According to the EIS, the Trinity Uptown Project was funded by Section 116 of Public Law 108-447. The Federal share was capped at \$110 million. It is our understanding that the funds were authorized, but only \$10 million has been appropriated. Since the project was not included in the 2008 fiscal year Water Resources Development Act, what is the process for appropriating the remaining \$100 million that has been authorized?
- The Old Water treatment plant off Beach will be used for storing excavation material. What types of materials are expected to be stored? How will the area be screened from surrounding land uses? What measures will be taken to ensure that pollutants from the excavation materials do not flow into the Trinity River.
- We are concerned about the loss of approximately 26 acres of scarce Upland Woodland. This type of forest takes a long time to develop. We are unsatisfied with the vague plans to plant trees elsewhere.
- If this revised project is superior to the original plan to store water on the West side of downtown Fort Worth, why wasn't this plan put forth first?
- The contemplated Waterfront Drive along the base of the bluff is unnecessary and would decrease park acreage and detract from the potential local serenity of the water's edge.
- Under water quality, what is the anticipated impact of the project on the aquatic vegetation and marine composition in the Trinity River?
- How will the river flow changes, which might increase erosion or river bottom disturbance, be mitigated so they don't negatively impact the amenities of the project?
- How is the project going to be maintained during inevitable dry periods without taking water from other necessary uses? The problem with ground water usage is that the ground water in the project area is said to be polluted.
- Page 4-3, second paragraph talks about operational strategies. We recommend solar powered pumps to jet water into the air thereby increasing the dissolved oxygen improving water quality.
- The second bullet in Chapter 4-4 talks about increasing impervious surfaces usage. We know that impervious surfaces quicken water run off. Why not give for use of water permeable surfaces that would greatly ease the run off condition?
- This project seems to greatly increase the surface area of the water. This increase produces greater quantities of evaporated water. This water vapor will increase humidity during very hot days thus exacerbating the comfort index, and making the outside usage of the various amenities far less desirable.

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 9:59:00 AM -06'00'

 Materials that will be excavated include clays, sands, gravels and silts. At this point in time we do not expect any excavated materials to be contaminated. If any are found during subsequent investigations, the materials will be managed in accordance with State and federal requirements. During construction erosion control measures will be implemented to prevent migration of excavated materials offsite. After construction, the site surface will be stabilized against erosion with turf or other hard surfaces.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:27:01 PM -06'00'

 Depending on the planned land use the proposed landscaping will incorporate native plantings which require less water to maintain. Riparian woodlands would be sufficiently established so that long term irrigation will not be required. The use of ground water is not envisioned.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:09:42 PM -06'00'

 Water quality changes (mostly associated with dissolved oxygen and sedimentation) are not anticipated to significantly affect aquatic flora and fauna composition. Water quality impacts are discussed in Chapter 4-11 and 4-12.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:00:45 PM -06'00'

 The plans to mitigate upland forest include first minimization of impacts, and compensation for unavoidable impacts. Upland resources have been identified as a resource category by the USFWS that may be mitigated in kind or out of kind. As this project deals with floodplains, a decision has been made to compensate for upland losses primarily through development of riparian forest. The plan has been coordinated with the USFWS and the Texas Parks and Wildlife Department.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:05:19 PM -06'00'

 When the Central City original EIS was being prepared, the Riverside Oxbow Ecosystem Restoration Project had been approved and was awaiting authorization for implementation. The City of Fort Worth asked that the area be considered with expectations that it could result in expediting the restoration and provide the valley storage at the same location. After evaluation of the Modified Central City alternative it was determined to be technical sound and environmentally acceptable.

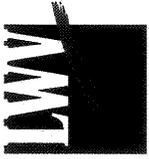
Sequence number: 6
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:33:11 PM -06'00'

 The modified project as proposed does not significantly increase the water surface area in the Riverside Oxbow/ Gateway Park area.

Sequence number: 7
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 9:40:51 AM -06'00'

 Recommendation noted. Applicable energy saving devices will be incorporated into water quality enhancement features.

Sequence number: 8
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 5:58:59 PM -06'00'



League of Women Voters of Tarrant County

3212 Collinsworth Street, Fort Worth, TX 76107

Phone: 817-348-VOTE (8683) FAX: 817-348-8683

Email : lwvtarrantcounty@sbcglobal.net

Web Site: www.lwvtarrantcounty.org

February 18, 2008

Mr. Sajj Alummuttill
CESWF-EC-D
U.S. Army Corps of Engineers
Fort Worth District
P.O. Box 17300-0300
819 Taylor Street
Fort Worth, TX 76102-0300

Subject: Comments and Questions concerning the Draft Supplement No. 1 to Final EIS for the Central City Project, Upper Trinity River, Texas

- According to the EIS, the Trinity Uptown Project was funded Section 116 of Public Law 108-447. The Federal share was capped at \$110 million. It is our understanding that the funds were authorized, but only \$10 million has been appropriated. Since the project was not included in the 2008 fiscal year Water Resources Development Act, what is the process for appropriating the remaining \$100 million that has been authorized?
- The Old Water treatment plant off Beach will be used for storing excavation material. What types of materials are expected to be stored? How will the area be screened from surrounding land uses? What measures will be taken to ensure that pollutants from the excavation materials do not flow into the Trinity River.
- We are concerned about the loss of approximately 26 acres of scarce Upland Woodland. This type of forest takes a long time to develop. We are unsatisfied with the vague plans to plant trees elsewhere.
- If this revised project is superior to the original plan to store water on the West side of downtown Fort Worth, why wasn't this plan put forth first?
- The contemplated Waterfront Drive along the base of the bluff is unnecessary and would decrease park acreage and detract from the potential local serenity of the water's edge.
- Under water quality, what is the anticipated impact of the project on the aquatic vegetation and marine composition in the Trinity River?
- How will the river flow changes, which result in increase erosion or river bottom disturbance, be mitigated so they don't negatively impact the amenities of the project?
- How is the project going to be maintained during inevitable dry periods without taking water from other necessary uses? The problem with ground water usage is that the ground water in the project area is said to be polluted.
- Page 4-3, second paragraph talks about operational strategies. We recommend solar powered pumps to jet water into the air thereby increasing the dissolved oxygen improving water quality.
- The second bullet in Chapter 4-4 talks about increased impervious surfaces usage. We know that impervious surfaces quicken water run off. Why not give for use of water permeable surfaces that would greatly ease the run off condition
- This project seems to greatly increase the surface area of the water. This increase produces greater quantities of evaporated water. This water vapor will increase humidity during very hot days thus exacerbating the comfort index, and making the outside usage of the various amenities far less desirable.

 Money is appropriated for civil works projects by the Congress through future appropriation bills.

Sequence number: 9
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:17:49 PM -06'00'

 Flow velocities were reviewed during development of the project alternative to ensure that velocities were maintained within an acceptable range. Hydraulic modeling has shown no significant increase in velocities.

During detailed design erosion concerns will be controlled similar to existing conditions through harden channel bottom surfaces and in-channel energy dissipation structures.

Sequence number: 10
Author: M2ED9SJP
Subject: Note
Date: 2/25/2008 6:16:35 PM -06'00'

 Waterfront Drive was discussed and analyzed in the original Central City EIS and is not within the scope of the Supplemental EIS.



- The plan should mention the existing and planned gas wells in the area and any associated land uses.
- Water Storage needs – 5,250 acres (p 42-53) Water storage will require at least seasonal flooding in parts of Rockwood Park, Harman Park, Riverside Park, Oxbow area, and Gateway Park. In Gateway Park the critical features will be above only the two year flood level. Recreational uses in Gateway Park will be flood compatible (p. 66). The Oxbow area will be reduced in elevation by about 10-14 feet. Other storage areas may also be needed. How many park usage days per year will be lost in each park as a result of the new flooding caused by the subject project. Other water storage issues are as follows:
 - Chapter 3-6 addresses Valley Storage sites. The Riverside Oxbow in the table potentially includes seven separate storage areas and the Riverside Gateway North potentially includes four sites. This is vague and really needs to be discussed as an example of the Table 3-1 intent.
 - Chapter 3-7 last paragraph states in the last sentence that: “the Water District plans to acquire all properties which may not be included in the potential valley storage sites, but which are essential to the purpose of the approved Riverside Oxbow project.” Is this an eminent domain solution or is it a negotiated solution for acquiring the particular property.
 - In Chapter 3-9 it appears that the identified sites would “marginally” meet the 5,250 acre-foot valley storage requirement. Problem almost solved, it seems. The last sentence states that storage values could not be achieved without significant modification of the sites. How severe is the disturbance and what is the proposed solution?
 - Last paragraph of 3-9 presents a Recommended Valley Storage Plan. It sounds good.

Thank you for the opportunity to comment on this plan.

Sincerely,

Dolores Ruhs, President
League of Women Voters of Tarrant County

Page: 220

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:46:10 PM -06'00'

 Chapter 3 page 9 is a continuation of the discussion on plan formulation which led to the development of the recommended plan as later discussed and presented in Table 3-4 and Figure 10. The proposed solution was to reconfigure several of the previously presented sites, add several additional sites 5c, 13, and 18b and provide additional contingency sites in the event additional storage was required during detailed design.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:42:05 PM -06'00'

 The statement on Chapter 3 page 7 was not intended as the method of acquiring property but rather that the local sponsor (TRWD) supported the implementation of the full context of the original Riverside Oxbow Ecosystem Restoration Plan and not solely the portions that were going to be required for valley storage proposes.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:21:04 PM -06'00'

 The effects of existing and future gas wells and distribution system were considered, primarily in the habitat appendix and within the cumulative impact assessment.

Sequence number: 4
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:44:18 PM -06'00'

 Chapter 3 page 6 is supported by Figure 6 and table 3-1 is intended to describe the process in which the team formulated the recommended plan as presented on Figure 10 and Table 3-4. The text adequately describes the early formulation process.

Sequence number: 5
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/25/2008 6:38:30 PM -06'00'

 The duration in which portions of the mentioned parks would be unavailable during flooding is highly variable and impossible to predict with certainty in the future. Some general conclusions however can be drawn based on historical flows at USGS gauging stations at Nutt Dam and Beach Street. A historical examination of a 30 year period of record (1977-2007) found the 2-yr reoccurrence interval was exceeded 11 times under mean flow for a total of 48 days or on average 1.6 days per year.

Sequence number: 6
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/22/2008 5:21:40 PM -06'00'

 Thank you for supporting the Recommended plan.



TEXAS
HISTORICAL
COMMISSION

The State Agency for Historic Preservation

RICK PERRY, GOVERNOR

JOHN L. NAU, III, CHAIRMAN

F. LAWRENCE OAKS, EXECUTIVE DIRECTOR

[Handwritten initials]
[Handwritten signature]

EC

January 24, 2008

William Fickel, Jr.
Chief, Planning, Environmental and Regulatory Division
CESWF-EV-EC
Dept. of the Army
Ft. Worth District, Corps of Engineers
P.O. Box 17300
Fort Worth, Texas 76102-0300

Attention: Saji Alummuttil

Re: Review under Section 106 of the National Historic Preservation Act
Upper Trinity River, Central City, Fort Worth, Texas
Draft Supplement No.1 to the Final Environmental impact Statement
(COE-FWD)

Dear Mr. Fickel:

Thank you for allowing us to review the draft supplement referenced above. This letter serves as comment on the document from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Bill Martin, has completed its review. We believe that this supplement requires reworking. Please note that the only mention of cultural resources occurs on page 2-8. There is no discussion of the potential for adverse effects on cultural resources under any or the alternatives discussed in Chapter 4. Please add a discussion of cultural resources for each alternative.

Thank you for your cooperation in this federal review process, and for your efforts to preserve the irreplaceable heritage of Texas. **If we may be of further assistance, please contact Bill Martin at 512/463-5867.**

Sincerely,

for
F. Lawrence Oaks, State Historic Preservation Officer



FLO/wam

Sequence number: 1

Author: M2PLRBKC

Subject: Sticky Note

Date: 2/28/2008 11:30:10 AM -06'00'

 The document has been modified to include the discussion of potential impacts to resources for each alternative and other information requested.

Buddy Garcia, *Chairman*
Larry R. Soward, *Commissioner*
Bryan W. Shaw, Ph.D., *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 28, 2008

Mr. William Fickel, Jr., Chief
Planning, Environmental, and Regulatory Division
U.S. Army Corps of Engineers
Regulatory Branch CESWF-EV-R
P.O. Box 17300
Fort Worth, Texas 76102-0300

Re: Central City Project, Upper Trinity River-SEIS

Dear Mr. Fickel:

As described in your letter dated December 21, 2007 the proposed draft Supplement to the Final Environmental Impact Statement (SEIS) includes modifications to the Central City Project. The Central City project was finalized in January 2006 and a Record of Decision was signed on April 7, 2006. The project included construction of a flood bypass channel and flood gates to divert flood flows around a segment of the Trinity River channel adjacent to downtown Fort Worth; Samuels Avenue Dam to create an interior water feature; with the hydraulic and habitat mitigation and habitat improvement areas principally located within the Riverbend area adjacent to the West Fork of the Trinity River in west Fort Worth. In the Final EIS, Samuels Avenue Dam would be located downstream of Samuels Avenue on the West Fork and would raise the normal water surface elevation of the West Fork and Marine Creek to 524.5 feet mean sea level. This would create a lake extending up the West Fork to approximately Rockwood Park and up Marine Creek to the Stockyard area. The project initially required creation of about 5,250 acre-feet of valley storage to compensate for the loss of valley storage caused by the bypass channel's increased hydraulic capacity during flood events. Stream habitat mitigation was provided by modification of stream flows and provision of additional stream habitat within Lebow Creek and by development of riparian vegetation and riffle pool sequences within Ham Branch.

By letter dated June 22, 2006, the City of Fort Worth requested that the Corps conduct an evaluation of the potential benefits of modifying the Central City Project to incorporate the Riverside Oxbow Restoration Project (RORP) area to accommodate valley storage requirements. The Riverside Oxbow Restoration Project is located just east of downtown Fort Worth on the West Fork of the Trinity River. The RORP consists of reconnecting the old river channel of the West Fork; replacement of the Beach Street bridge; creation of emergent wetlands, open water, and vegetative fringe habitat; habitat improvement on existing forest tracts including establishment of a riparian m

Mr. William Fickel, Jr., Chief
Central City Project, Upper Trinity River-SEIS

Page 2

February 28, 2008

buffer along the West Fork from Riverside Drive to East 1st Street; and various other ecosystem restoration and recreation features. An Interim Feasibility Report with Integrated Environmental Assessment (and Finding of No Significant Impact) with Addendum dated April 2005 were previously approved by the Corps.

The SEIS proposes two alternatives. The No Action Plan, which assumes that each project would proceed separately as currently approved, and a modified Central City Project alternative. The Central City alternative would integrate features of the RORP and include areas within the project area for valley storage mitigation in lieu of the Riverbend valley storage site which would have required substantial mitigation.

These modifications include the relocation of the Samuels Avenue dam upstream of the Marine Creek confluence, a low water dam on lower Marine Creek and lock system to connect the Trinity River to Marine Creek, the original proposed upstream diversion channel in the vicinity of the Clear Fork confluence area, addition of excavation areas for valley storage in upstream and downstream areas, new fill placement areas, and removal of proposed work in the vicinity of the Lebow Creek confluence area.

In addition to the information contained in the SEIS, the following information is needed for review of the proposed project. Responses to this letter may raise other questions that will need to be addressed before a water quality certification determination can be made.

1. Please have the applicant provide additional details including diagrams of the design, and monitoring and success criteria regarding the Ham Branch mitigation site. Please have the applicant explain in detail the effects of the levee modifications on the Ham Branch mitigation site and whether, if any, changes to hydroperiod or hydrology will affect the mitigation.
2. Please have the applicant describe the mechanism of ingress and egress of fish into Ham Branch and Marine Creek with the respective barriers of a weir and low water dam. While the proposed project is designed to directly impact Marine Creek, the TCEQ encourages the applicant to further evaluate designs of the low water dam to facilitate the movement of aquatic life between Marine Creek and the Trinity River, and therefore minimize the direct impact from the dam.
3. In Chapter 3 of the SEIS: Alternatives, there is a discussion in the determination of the relocation of the Samuel Avenue Dam. In one paragraph, there is an expressed concern that moving the dam immediately upstream of the confluence with Marine Creek may cause scouring at the Samuel Avenue bridge. Is scouring still a concern regarding the ultimate location of the dam or is there some other data that indicated it would not be a problem? If scouring will be an issue, how will it be addressed?

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 3:52:23 PM -06'00'

 Additional detailed information developed since May 2006 will be provided to TCEQ including success criteria developed with assistance from USFWS and our ERDC. ERDC submitted a report in August 2006 that included additional diagrams.

The levee modifications adjacent to Ham Branch would result in infrequent minor alterations to the Ham Branch floodplain. This area currently serves as a interior drainage area for the Fort Worth levee system and floods much more frequently that would occur from use of the area as valley storage. The Corps does not believe that the hydroperiod or hydrology changes will negatively impact the proposed mitigation.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 5:14:27 PM -06'00'

 The issue was considered during initial plans to utilize the Ham Branch floodplain for developing valley storage. For the valley storage to be effective, the area must receive floodwaters from the West Fork but at a rate that doesn't cause scouring or induce damages to existing transportation elements nearby. As design continues, additional investigation of providing a less restrictive fisheries passage through the existing levee and flood gate will be evaluated.

While relocation of the dam removed the impact to aquatic movement on Lebow Creek it is acknowledged that movement is restricted on Marine Creek. Further evaluations to facilitate aquatic life movement between Marine Creek and West Fork Trinity will be conducted.

Sequence number: 3
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 4:57:32 PM -06'00'

 A physical model study of the Samuels Avenue Dam and Marine Creek Low Water Dam have been recommended as part of the final design to fully evaluate scour concerns (see Appendix C- pg. 1-28, 2nd para). Scour is a concern but the placement and orientation of the dam was specifically set in manner to lessen this concern. Precast concrete slope protection has been shown on the conceptual plans to protect the banks from scour. Should a scour concern be determined beneath the existing bridge a similar application would be proposed. All effort will be made to minimize hardening of the embankments.

Mr. William Fickel, Jr., Chief
Central City Project, Upper Trinity River-SEIS

Page 3

February 28, 2008

4. Please have the applicant provide additional details on the design of the riffle/pool complexes using rock weirs and how their placement will be determined regarding the Sycamore Creek and Riverside Oxbow mitigation sites.

5. The TCEQ recommends the use of the TCEQ's biological methods including the Index of Biological Integrity (available at: http://www.tceq.state.tx.us/comm_exec/forms_pubs/pubs/rg/rg-416/index.html) as the success criteria endpoint for all stream mitigation efforts.

If you require additional information or further assistance, please contact Ms. Lili Lytle, Water Quality Assessment Section, Water Quality Division (MC-150), at (512) 239-4596.

Sincerely,

Beth Seaton

for L'Oreal W. Stepney, P.E., Director
Water Quality Division

LWS/LL/jp

cc: Mr. Woody Frossard, Tarrant Regional Water District, 800 East Northside Drive, Fort Worth, Texas 76102

Sequence number: 1
Author: M2PLRBKC
Subject: Sticky Note
Date: 3/3/2008 4:46:37 PM -06'00'

 Placement and final design will be accomplished as studies progress. Sufficient control will need to be established to alleviate adverse effects to elevation of the mainstem impoundment caused by the Beach Street Dam. It is currently estimated that about 10 cubic feet per second will be diverted through the re-established Sycamore Creek and the initial riffle design has been made to provide a minimum one foot depth flow of water over a minimal 10 foot - wide cross section. Final length and substrate components of the riffles/rock weirs will be accomplished along with placement based upon final H&H investigations, refined survey data and locations and design of other project features. Removal of the Beach Street crossing culvert and relocation of the primary park entrance will also influence final riffle design.

Sequence number: 2
Author: M2PLRBKC
Subject: Sticky Note
Date: 2/29/2008 4:06:58 PM -06'00'

 Thank you for this information. We intend to use known habitat requirements of several fish species to design riffle-pool sequences and will utilize Index of Biological Integrity to assess effectiveness of the system. We have proposed to utilize a ten year monitoring and adaptive management program to provide an effective means to respond to habitat development requirements.

Additional Proposal Information

(This is as uploaded, a blank page will show if nothing was submitted)

Enclosure 3 - 20080521
MemoforDCGCW_Prgm_ROD_21May08_V.pdf

FROM : Bill Dean US FOODSERVICE

PHONE NO. : 410 461 3791

May. 20 2008 07:13PM P2



**DEPARTMENT OF THE ARMY
OFFICE OF THE ASSISTANT SECRETARY
CIVIL WORKS
108 ARMY PENTAGON
WASHINGTON DC 20310-0108**

MAY 21 2008

**MEMORANDUM FOR the Deputy Commanding General for Civil Works and
Emergency Operations**

**Subject: Upper Trinity River, Central City, Fort Worth, Texas – Modified Central City
Project Report and Supplement No. 1 to the Final Environmental Impact Statement**

Public Law 108-447, Section 116 authorized the Secretary of Army to undertake the Central City Project, as generally described in the April 2003 Trinity River Vision Master Plan. The Central City Project requires the joint efforts and funding of several Federal, state, and local agencies for implementation. The U.S. Army Corps of Engineers (Corps) is authorized to participate in the Central City Project at a total cost not to exceed \$220,000,000, with a Federal cost of \$110,000,000 and a non-Federal cost of \$110,000,000, if the Secretary determines the work is technically sound and environmentally acceptable.

My April 7, 2006 response to your memorandum dated, March 16, 2006, concurred with the Corps recommendation for the Community-Based Alternative described in that submittal package. The recommended plan included the creation of an 8,400 foot-long bypass channel for the Clear Fork of the Trinity River, creation of an interior water feature utilizing a portion of the former channel of the Clear Fork, the construction of several dams, flood protection levees, road and bridge improvements, wetland, prairie and bottomland hardwood ecosystem restoration measures, and trail systems and water-based recreation opportunities. Of that recommended plan, the Corps portion of the project identified for implementation in accordance with Section 116 included those portions of the overall project that emphasize the flood control/hydraulic aspects that are fully functional. Specifically, the Corps project included the bypass channel, the isolation gates, the Samuels Avenue Dam, and most real estate, business and property owner relocations and soft costs associated with these features. (Soft costs include activities such as planning, design, survey and testing, legal support, program management, and construction oversight). Also included in the Corps project was all hydraulic (valley storage) and environmental mitigation required for the Central City Project, and all the cultural resources mitigation excepting mitigation of impacts to buried archeological resources that may be discovered in conjunction with project features other than those included in the Corps project. Based on the information provided in the Corps submittal package, I determined that the Community-Based

FROM : Bill Dean US FOODSERVICE

PHONE NO. : 410 461 3791

May. 20 2008 07:14PM P3

Alternative was technically sound and environmentally acceptable. Additionally, I signed a Record of Decision on April 7, 2006 to complete the National Environmental Policy Act process.

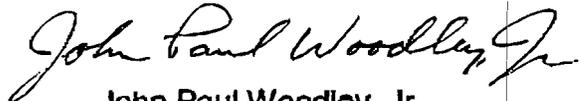
In response to a June 22, 2006 letter from the Fort Worth Parks and Community Services Department (enclosure 1), the Corps evaluated expanding the Central City Project farther to the east into the Riverside Oxbow study area, which is located immediately downstream of the Central City Project, along the Trinity River. In an April 25, 2008 memorandum from the Director of Civil Works, the Corps requested that I approve a modification to my April 7, 2006 determination identified above, in order to accommodate the City of Fort Worth. The revised Central City project is described in the Upper Trinity River, Central City, Fort Worth, Texas Modified Project Report and Supplement No. 1 to the Final Environmental Impact Statement. The Recommended Plan is the Modified Central City Project Alternative.

The Modified Central City Project Alternative would make the following changes to the previously approved plan: 1) move about 40 percent of the estimated 5,000 acre-feet of hydraulic mitigation to the Riverside Oxbow area; 2) relocate, reconfigure, and add a recreational lock and canal to the Samuels Avenue Dam, which now would be constructed by the non-Federal sponsor; 3) include a new Marine Creek low water dam and associated features which would be funded solely by the non-Federal sponsor; 4) construct various ecosystem restoration and recreation features in the Riverside Oxbow area which would also be non-Federally funded. All operations, maintenance, repair, replacement and rehabilitation costs, currently estimated at \$272,000 annually, would remain with the sponsor.

The non-Federal sponsor for this project is the Tarrant Regional Water District. In their letter of May 2, 2008 to the District Engineer, Fort Worth District (enclosure 2), the Tarrant Regional Water District provided their full commitment to fund any cost differential between the \$220,000,000 cost shared project, and the complete Modified Central City alternative, which currently has a total project cost of \$597,000,000 and a fully funded cost of \$673,000,000 (enclosure 3). These figures represent an increase of about \$105 million for the Tarrant Regional Water District to implement the Modified Central City Project.

Based on the information provided in the Corps submittal package, I have determined that the Modified Central City Project is technically sound and environmentally acceptable. However, the project is not compliant with Administration policy. None of the proposed work has been subjected to an economic analysis to determine if it would meet the Federal objectives for water resources planning or if the benefits exceed the costs from a Federal perspective. Additionally, many of the project features provide recreational benefits which are not high priority project outputs for Federal investments, or environmental benefits resulting from planting upland prairie areas. Participation by the Corps in upland restoration efforts is not in accordance with policy as the Corps areas of expertise are closely linked with hydraulic and hydrologic modifications. Corps participation would be limited by the provisions of Section 116 and

appropriations by Congress for the project. I have signed a Record of Decision for the Modified Central City project (enclosure 4) to complete the National Environmental Policy Act process. Please continue to work with my staff to correct several minor report issues such as project related real estate mapping.



John Paul Woodley, Jr.
Assistant Secretary of the Army
(Civil Works)

Enclosures

FROM : Bill Dean US FOODSERVICE

PHONE NO. : 410 461 3791

May. 20 2008 07:17PM PB

RECORD OF DECISION

**UPPER TRINITY RIVER, CENTRAL CITY, FORT WORTH, TEXAS,
MODIFIED PROJECT**

A Final Project Report dated March 2006, and Final Environmental Impact Statement (FEIS) dated January 2006, for the Upper Trinity River, Central City, Fort Worth, Texas addressed changes to the existing system of levees and channels to enhance existing levels of flood protection, restore components of the natural riverine system, and provide quality of life enhancements (ecosystem improvements and recreation) in Fort Worth, Texas. The report was prepared in response to Public Law 108-447, Section 116, dated December 8, 2004. Based on these documents, I signed a Record of Decision (ROD) for the Central City Project on April 7, 2006.

Subsequent to that decision, the City of Fort Worth requested that the U.S. Army Corps of Engineers (Corps) conduct an evaluation of merging the authorized Central City Project with the proposed Riverside Oxbow project, located immediately downstream on the Trinity River. This proposal became the Modified Central City Alternative in the subsequent project documentation. A Final Supplement No. 1 to the Final Environmental Impact Statement (FSEIS), dated March 2008, and a Final Modified Project Report, dated April 2008, were completed to document the analysis of technical soundness and environmental acceptability of modifying the Central City Project. Based on the review of the FSEIS and associated documents, as well as the views of interested agencies and the concerned public, I find that both the Modified Central City Alternative recommended by Corps for the overall Central City Project, and the Corps Component of that alternative, to be technically sound and environmentally acceptable.

Current Corps investigations into water resources problems and opportunities in the Upper Trinity River Basin were authorized by the Senate Committee on Environment and Public Works Resolution, dated April 22, 1988. In 2002, the Corps initiated plan formulation for the Central City area, in accordance with the Water Resources Council's Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, and within the Corps current mission areas, which include flood damage reduction, ecosystem restoration, and recreation. The study authority was subsequently modified by Public Law 108-447, Section 116, which authorized the Secretary of the Army to undertake the Central City Project, as generally described in the Trinity River Vision Master Plan, dated April 2003. The Central City Project in the Trinity River Vision Master Plan was developed at a conceptual level by the local community and, in addition to the Corps mission areas, included urban revitalization as a primary goal. This overall Central City

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Project is envisioned as a multi-agency project, to be implemented through the joint efforts and funding of several Federal, state and local agencies. The project authorization contained in P.L. 108-447, Section 116, authorizes Corps of Engineers participation in the Central City project at a total cost not to exceed \$220,000,000, and specifies that the Corps and the non-Federal share will each be \$110,000,000. Corps participation is authorized if the Secretary "determines the work is technically sound and environmentally acceptable."

As interdependent parts of the larger Central City Project, the Corps participation features and the other agency participation features are connected actions. All the actions comprising the overall Central City Project and the Modified Central City Alternative have therefore been included in the scope of analysis of the FEIS and FSEIS. The FSEIS ultimately considered two alternatives: the Modified Central City Alternative and the "No Action" Alternative. The "No Action" Alternative assumed that the two projects, the Central City Project discussed in the FEIS and the Riverside Oxbow project would continue on as separate projects. This "No Action" Alternative was proper because, without a decision to modify the project, the two projects would have gone forward as described in their respective National Environmental Policy Act documents. The Modified Central City Alternative assumed that certain changes discussed below were made to the plan. The descriptions and discussion of these alternatives in the FSEIS are incorporated by reference. The Modified Central City Alternative best meets all the project goals without unacceptable adverse environmental and social impacts, is the least environmentally damaging practicable alternative, and is therefore the Corps' recommended plan.

Within the fiscal, technical and environmental constraints of the section 116 authorization, Corps participation in the recommended plan, the Modified Central City Alternative, is comprised of flood control/hydraulic features and required hydraulic, environmental and cultural mitigation. While the specific features contained within the Corps Component of the Modified Central City Alternative are identified later in this ROD, all of the features of the Modified Central City Alternative are listed below:

- Bypass channel, approximately 8,400 feet in length and 300-400 feet wide between the top of levees to carry the flood flows around the Central City area;
- Samuels Avenue Dam and recreational lock designed to create a normal water surface elevation of approximately 525 feet to allow boating within the upstream area;
- Marine Creek Low Water Dam to create a normal water surface elevation of 516.5 feet to allow boating on Marine Creek up to the Stockyards;
- Three isolation gates designed to restrict flood flows to the new bypass channel and to isolate the interior area from flood flows. A

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- stormwater pump station would operate with the isolation gates to reduce flooding in two interior drainage areas;
- Valley storage mitigation sites upstream and downstream of the Samuels Avenue Dam;
 - Street and highway improvements for Henderson Street, White Settlement Road Bridges, North Main Street Bridge, Beach Street Bridge, and University Drive; pavement and traffic engineering improvements to improve capacity, movement, and provision for automobiles and public transit;
 - Utility relocations, including water, sanitary and storm sewer, electric, gas, and telecommunications;
 - Interior water feature;
 - Ecosystem Restoration of two Trinity River oxbows and the Riverside Oxbow and Gateway Park area;
 - Recreational enhancements in Riverside Oxbow, Gateway Park, and Riverside Park including roadways, parking, pedestrian bridges, soccer fields, baseball field, basketball courts, splash park, and trail heads;
 - Trail network of approximately 12 miles of waterfront trails, approximately 3.5 mile boating loop, and 9 miles of soft park and equestrian trails;
 - Wetland, riparian, and terrestrial improvement in the Riverside Oxbow/ Gateway Park areas, Rockwood area, and aquatic habitat mitigation in Ham Branch;
 - Cultural resource mitigation.

The recommended plan, the Modified Central City Alternative, accomplishes all four dimensions of the Central City project purpose, i.e. Flood Damage Reduction, Ecosystem Restoration, Urban Revitalization, and Recreation. The recommended plan provides protection for the Standard Project Flood with 4 feet of freeboard and improves the performance of the interior drainage components. Additionally, the recommended plan will facilitate revitalization of the Central City area by establishing the conditions for levee removal along the river, which will promote better connection and access to the Trinity River. The plan also provides ecosystem restoration and recreation opportunities. Although the plan has some adverse effects to fish and wildlife habitat, these effects are significantly reduced from the original Central City project, and will be mitigated with no unacceptable adverse effects remaining. The plan is strongly supported by local governments, as evidenced by their development of a Tax Increment Financing District and substantial bond revenue that will be used for the local cost share.

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Hydraulic mitigation will occur mostly downstream of the Samuels Avenue Dam, with the primary site being the Riverside Oxbow/Gateway Park area. It also includes five contingency valley storage sites that could be used if analyses during the detailed design phase indicate the primary storage sites are not sufficient to achieve the required valley storage, or if other factors preclude their use. One or more of the contingency sites could be used to replace any of the primary sites depending on the total amount of valley storage necessary. The evaluation of valley storage sites included avoiding, to the extent feasible, important habitats and subsequently developing habitat within these sites following excavation.

The Modified Central City Alternative would avoid much of the initial impact to riparian woodland areas that would occur with the original Central City project in the Riverbend area as proposed in the FEIS. Upon completion of habitat development, which would compensate for impacts, the Modified Central City Alternative would result in more riparian woodland outputs but less wetland outputs relative to the No Action alternative. The Modified Central City Alternative would have similar upland woodland impacts and outputs as the No Action alternative, but would impact a greater amount of grassland habitat than the No Action alternative. Most of the grassland impacts will occur to areas dominated by non-native species and therefore no mitigation is deemed necessary. These changes in habitat outputs are primarily due to relocating the valley storage sites from the Riverbend area to the Riverside Oxbow area, and replacing grassland habitat at these sites with riparian woodland.

Relocation of Samuels Avenue Dam upstream of the Marine Creek and Trinity River confluence would avoid some adverse effects to riparian and aquatic habitat along lower Marine Creek and all impacts to Lebow Creek. However, construction of a low water dam on Marine Creek and a lock and boat channel from the Trinity River impoundment to Marine Creek would still result in inundation (albeit to a lesser extent) of riparian and aquatic habitat in Marine Creek, which would require mitigation. This aquatic habitat mitigation will occur in the Ham Branch tributary and in the remnant Sycamore Creek through physical habitat modification, including establishment of riffle and pool complexes. This plan has been coordinated with the U.S. Fish and Wildlife Service and State of Texas resource agencies, and all practicable means to avoid and minimize environmental impacts have been adopted. A monitoring plan will be implemented to evaluate the compensatory mitigation.

Implementation of the recommended plan will potentially have adverse effects on eleven historic architectural properties eligible for the National Register of Historic Places. A plan to mitigate the impacts of the Community Based Alternative on historic architectural resources has been developed and adopted in consultation with the Texas Historical Commission as well as numerous stakeholder groups. Specific components of the mitigation plan are contained in

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the executed Programmatic Agreement among the Corps, the Texas Historical Commission and the City of Fort Worth.

Those features identified for Corps of Engineers participation (Corps Component) in accordance with the cost limitations contained in P.L. 108-447, Section 116, emphasize the flood control/hydraulic aspects of the Central City Project and develop a fully-functioning hydraulic (flood control) system. Specifically, the Corps Component of the Modified Central City Alternative consists of a bypass channel, two isolation gates, associated real estate and property owner relocations, all valley storage and habitat mitigation, and soft costs associated with these features. ("Soft costs" include activities such as planning, design, survey and testing, legal support, program management and construction oversight). Also included is all cultural resources mitigation, except mitigation of impacts to buried archeological resources that may be discovered in conjunction with project features other than those included in the Corps Project. Lands required for the Corps Component that are already owned by the Sponsor, the City of Fort Worth, or Tarrant County will be provided to the project.

In order to ensure that the Corps Component is fully functional when complete, the Project Partnership Agreement (PPA) between the Corps and the non-Federal sponsor will be conditioned to require certain base conditions. Specifically, utility relocations, demolition, and the cleanup of substances regulated by the Resource Conservation and Recovery Act and the Comprehensive Environmental Response, Compensation, and Liability Act will be performed by the sponsor as a non-project cost prior to a construction start for appropriate elements of the Corps Component. Additionally, new bridges, to be constructed by the Texas Department of Transportation at the North Main Street and Henderson Street intersections with the bypass channel, the Samuels Avenue Dam, and the Trinity Point isolation gate will be base conditions of the PPA.

The project has been extensively coordinated with the public and with resource agencies. The project is in compliance with all environmental requirements, including the Endangered Species Act, the National Historic Preservation Act, the Clean Air Act, and the Clean Water Act. This finding terminates further consideration by the Department of the Army of the separate proposal for the Riverside Oxbow, Upper Trinity River, Fort Worth, Texas ecosystem restoration project. This ROD supersedes the ROD signed on April 7, 2006, with respect to the originally proposed Central City Project and the Finding of No Significant Impact signed by the Acting District Engineer, Fort Worth District, on May 22, 2003, with respect to the proposed Riverside Oxbow project.

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All applicable laws, executive orders, regulations, and local plans were considered in evaluating alternatives. The recommended plan is the least environmentally damaging practicable alternative and incorporates features to avoid, minimize, or mitigate adverse environmental and social impacts. Based upon the review of FSEIS and comments received from other agencies and the public, I find that the project benefits gained by construction of the recommended plan outweigh the adverse effects. Therefore, I have determined that the Modified Central City Alternative and the Corps Component of that plan are in the public interest. This Record of Decision completes the National Environmental Policy Act process.

May 21, 2008
Date

John Paul Woodley, Jr.
John Paul Woodley, Jr.
Assistant Secretary of the Army
(Civil Works)

Additional Proposal Information

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**Enclosure 4 - 20030529 Letter from USACE to the Secretary of
the Army Re Riverside Oxbow Upper Trinity River Project.pdf**



DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF ENGINEERS
WASHINGTON, D.C. 20310-2600

REPLY TO
ATTENTION OF

CFCW-P (1105-2-10a)

29 MAY 2003

SUBJECT: Riverside Oxbow, Upper Trinity River, Fort Worth, Texas

THE SECRETARY OF THE ARMY

1. I submit for transmission to Congress my report on the Riverside Oxbow, Upper Trinity River, Fort Worth, Texas, ecosystem restoration project. It is accompanied by the report of the district and division engineers. These reports are in partial response to a resolution by the Committee on Environment and Public Works of the United States Senate dated 22 April 1988. The resolution requested a review of prior reports to determine the need for improvements for flood protection, environmental enhancement, water quality, recreation, and allied purposes in the Upper Trinity River Basin with specific attention on the Dallas-Fort Worth Metroplex. Riverside Oxbow is on the West Fork of the Trinity River in Fort Worth, Texas. Preconstruction engineering and design activities for the Riverside Oxbow, Fort Worth, Texas, proposed project will continue under authority of the April 1988 resolution.

2. The reporting officers recommend a Locally Preferred Plan (LPP), which is a combination of the national ecosystem restoration (NER) plan and additional local features (ALF). The ALF components would be funded entirely by the non-Federal sponsor, Tarrant Regional Water District. The NER component of the LPP consists of reestablishing low flows through an old oxbow on the West Fork of the Trinity River, including replacement of the Beach Street Bridge; creation of approximately 70 acres of emergent wetlands, open water, and vegetative fringe habitat; habitat improvement of approximately 180 acres of existing forested tracts, including establishment of a 150-foot-wide riparian buffer along the West Fork from Riverside Drive to East 1st Street; establishment of native grasses and forbs buffer on approximately 46 acres of land; reforestation of approximately 67 acres of land using a variety of native hard and soft mast trees and shrubs; and preservation and habitat improvements to approximately 207 acres of native floodplain grassland prairie. The NER plan also includes associated linear recreation along a 9,000-foot-long by 10-foot-wide concrete trail including one vehicular bridge, 1,400 feet of crushed aggregate trail, 7,600 feet of wood mulch equestrian trail, and associated facilities (access points, parking lot, and restroom facilities). The ALF component of the LPP would include reestablishing native species and protecting creek beds on 112 acres and eradicating invasive species on 80 of the 112 acres all contained within the Tandy Hills Nature Preserve, which is located on the south side of Interstate Highway 30; linear recreation

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SUBJECT: Riverside Oxbow, Upper Trinity River, Fort Worth, Texas

consisting of 7,700 feet of crushed aggregate trail and associated facilities (access points and parking lot) in the Tandy Hill Nature Preserve; three observation areas on the lands associated with the NER plan; and a new Gateway Park entrance road and bridge. In summary, the recommended plan, which includes both the NED and ALF components, provides for ecosystem restoration on approximately 512 acres of floodplain lands, 2 miles of oxbow river channel, 57 acres of wetlands, 112 acres of uplands, replacement of the Beach Street Bridge, and 25,700 feet of mixed surface linear recreation trails including one vehicular bridge.

3. Based on October 2002 price levels, the estimated total first cost of the recommended LPP project is \$22,200,000, with an estimated Federal cost of \$9,180,000 and an estimated non-Federal cost of \$13,020,000. The estimated total first cost includes \$13,355,000 for the ecosystem restoration components of the NER plan, \$1,000,000 for the recreation components of the NER, and \$7,845,000 for the ALF components. Following the cost sharing provisions of Section 103(c) of the Water Resources Development Act (WRDA) of 1986, as amended by Section 210 of WRDA 1996, the ecosystem restoration components of the NER plan would be cost shared 65 percent Federal and 35 percent non-Federal. As such, the estimated Federal and non-Federal share of the ecosystem restoration components of the NER plan would be \$8,680,000 and \$4,675,000 respectively. The non-Federal sponsor would be responsible for and receive credit for 100 percent of the cost of lands, easements, rights-of-ways, relocations and disposal areas (LERRDs) for the NER plan, which is estimated at \$4,094,000. The remaining non-Federal project cost share would be about \$581,000. In accordance with Section 103(c)(4) of WRDA 1986, the recreation components associated with the NER plan would be cost shared 50 percent Federal and 50 percent non-Federal. As such the estimated Federal and non-Federal share of the recreation components of the NER plan would be \$500,000 and \$500,000 respectively. The ALF components would be the full cost and responsibility of the non-Federal sponsor. In addition, the non-Federal sponsor would be responsible for 100 percent of the cost of operation, maintenance, repair, replacement, and rehabilitation (OMRR&R) of the project. The recommendation is also subject to the non-Federal sponsor agreeing to comply with all applicable Federal laws and policies. Based on October 2002 price levels, a discount rate of 5 7/8 percent, and a 50-year period of economic analysis, average annual costs for the NER plan are estimated at \$969,000. The NER plan would produce approximately 305 average annual habitat units (AAHUs) resulting in average annual costs of \$3,170 per AAHU. Based on the same economic criteria, the average annual costs and benefits for these recreation components are estimated at \$79,000 and \$805,000, respectively, with net benefits of \$726,000 and a benefit-to-cost ratio of 10.0 to 1.

4. Washington level review indicates that all components of the recommended plan are technically sound, and environmentally and socially acceptable. In addition, the ecosystem restoration components of the NER plan are incrementally justified and the recreation components of the NER plan are economically justified. The ecosystem restoration and recreation components of the NER plan conform with essential elements of the U.S. Water Resources Council's Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies and complies with other administration and

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legislative policies and guidelines. Also, the views of interested parties, including Federal, State and local agencies have been considered.

5. I generally concur in the findings, conclusions, and recommendations of the reporting officers. However, I note that the Tandy Hills ALF components could also be implemented as a complementary local plan rather than as part of the federally authorized project and in either case the non-federal sponsor would be responsible for 100 percent of the cost of construction and implementation of the ALF components.

6. The recommendation contained herein reflects the information available at this time and current departmental policies governing formulation of individual projects. It does not reflect program and budgeting priorities inherent in the formulation of a national civil works construction program or the perspective of higher review levels within the executive branch. Consequently, the recommendation may be modified before it is transmitted to the Congress as a proposal for authorization and implementation funding. However, prior to transmittal to the Congress, the sponsor, Tarrant Regional Water District; the State of Texas; interested Federal agencies; and other parties will be advised of any significant modifications and will be afforded an opportunity to comment further. My recommendation is subject to the non-Federal sponsor agreeing to comply with applicable Federal laws and policies, including the following requirements:

a. Provide 35 percent of the separable project costs allocated to ecosystem restoration, 50 percent of the separable project costs allocated to recreation, and 100 percent of the costs allocated to the locally preferred plan (LPP) which are in excess of the costs allocated to the National Ecosystem Restoration (NER) plan, as further specified below:

(1). Enter into an agreement, which provides, prior to execution of a project cooperation agreement for the project, 25 percent of design costs for ecosystem restoration and recreation features and 100 percent of design costs allocated to the LPP which are in excess of the costs allocated to the National Ecosystem Restoration (NER) plan.

(2). Provide, during construction, any additional funds needed to cover the non-federal share of design costs.

(3). Provide all lands, easements, and rights-of-way, including suitable borrow and dredged or excavated material disposal areas, and perform or assure the performance of all relocations determined by the Government to be necessary for the construction, operation, and maintenance of the project.

(4). Provide or pay to the Government the cost of providing all retaining dikes, wasteweirs, bulkheads, and embankments, including all monitoring features and stilling basins,

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that may be required at any dredged or excavated material disposal areas required for the construction, operation, and maintenance of the project.

(5). Provide, during construction, any additional costs as necessary to make its total contribution equal to 35 percent of the separable project costs allocated to ecosystem restoration, 50 percent of the separable project costs allocated to recreation, and 100 percent of the costs allocated to the LPP which are in excess of the costs allocated to the National Ecosystem Restoration (NER) plan.

b. For so long as the project remains authorized, operate, maintain, repair, replace, and rehabilitate the completed project, or functional portion of the project, including mitigation features, at no cost to the Government, in a manner compatible with the project's authorized purposes and in accordance with applicable Federal and State laws and any specific directions prescribed by the Government in the OMRR&R manual and any subsequent amendments thereto.

c. Give the Government a right to enter, at reasonable times and in a reasonable manner, upon land which the local sponsor owns or controls for access to the project for the purpose of inspection, and, if necessary, for the purpose of completing, operating, maintaining, repairing, replacing, or rehabilitating the project.

d. Comply with Section 221 of Public Law 91-611, Flood Control Act of 1970, as amended, and Section 103 of the Water Resources Development Act of 1986, Public Law 99-662, as amended, which provides that the Secretary of the Army shall not commence the construction of any water resources project or separable element thereof, until the non-Federal sponsor has entered into a written agreement to furnish its required cooperation for the project or separable element.

e. Hold and save the Government free from all damages arising for the construction, operation, maintenance, repair, replacement, and rehabilitation of the project and any project-related betterments, except for damages due to the fault or negligence of the Government or the Government's contractors.

f. Keep and maintain books, records, documents, and other evidence pertaining to costs and expenses incurred pursuant to the project to the extent and in such detail as will properly reflect total project costs.

g. Perform, or cause to be performed, any investigations for hazardous substances that are determined necessary to identify the existence and extent of any hazardous substances regulated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 USC 9601-9675, that may exist in, on, or under lands, easements or rights-of-way necessary for the construction, operation, and maintenance of the project; except that the non-Federal sponsor shall not perform such investigations on lands, easements, or

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SUBJECT: Riverside Oxbow, Upper Trinity River, Fort Worth, Texas

rights-of-way that the Government determines to be subject to the navigation servitude without prior specific written direction by the Government.

h. Assume complete financial responsibility for all necessary cleanup and response costs of any CERCLA regulated materials located in, on, or under lands, easements, or rights-of-way that the Government determines necessary for the construction, operation, or maintenance of the project.

i. To the maximum extent practicable, operate, maintain, repair, replace, and rehabilitate the project and otherwise perform its obligations in a manner that will not cause liability to arise under CERCLA.

j. Prevent obstructions of, or encroachments on, the project (including prescribing and enforcing regulations to prevent such obstructions or encroachments) that might reduce the ecosystem restoration purpose, hinder its operation and maintenance, or interfere with its proper function, such as any new development (including recreation facilities or features) on project lands or the addition of facilities that would degrade the ecosystem restoration benefits of the project.

k. Comply with the applicable provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, Public Law 91-646, as amended by title IV of the Surface Transportation and Uniform Relocation Assistance Act of 1987 (Public Law 100-17), and the Uniform Regulations contained in 49 CFR part 24, in acquiring lands, easements, and rights-of-way, and performing relocations for construction, operation, and maintenance of the project, and inform all affected persons of applicable benefits, policies, and procedures in connection with said act.

l. Comply with all applicable Federal and State laws and regulations, including Section 601 of the Civil Rights Act of 1964, Public Law 88-352, and Department of Defense Directive 5500.11 issued pursuant thereto, as well as Army Regulation 600-7, entitled "Nondiscrimination on the Basis of Handicap in Programs and Activities Assisted or Conducted by the Department of the Army."

m. Provide the non-Federal share of that portion of the costs of mitigation and data recovery activities associated with historic preservation, that are in excess of 1 percent of the total amount authorized to be appropriated for the project, in accordance with cost sharing provisions of the project cooperation agreement;

n. Not use Federal funds to meet the non-Federal sponsor's share of total project costs unless the Federal granting agency verifies in writing that the expenditure of such funds is authorized.

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SUBJECT: Riverside Oxbow, Upper Trinity River, Fort Worth, Texas

o. Provide and maintain necessary access roads, parking areas, and other public use facilities, open and available to all on equal terms.

p. Obtain all necessary water rights for the operation of the project.



ROBERT B. FLOWERS
Lieutenant General, U.S. Army
Chief of Engineers

Additional Proposal Information

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Enclosure 5 - 20030522 Executed _FONSI 22 May 2003.pdf

**FINDING OF NO SIGNIFICANT IMPACT
RIVERSIDE OXBOW
UPPER TRINITY RIVER, FORT WORTH TEXAS**

At the request of Tarrant Regional Water District, and under authority of an April 22, 1988, resolution by the United States Senate Committee on Environmental and Public Works, the Fort Worth District Corps of Engineers conducted a study to identify water and water related land resource needs of the Riverside Oxbow study area of the Trinity River within the city limits of Fort Worth, Texas.

Investigations included various ecosystem restoration measures within the floodplain of the West Fork of the Trinity River in eastern Fort Worth, Texas. Several alternative plans were formulated that led to the identification of the National Ecosystem Restoration (NER) Plan. In addition a "No Action" alternative and a Locally Preferred Plan (LPP) were carried to the final array of alternatives.

The NER Plan consists of reestablishing low flows through the old severed West Fork of the Trinity River oxbow including replacing the existing Beach Street Bridge; creation of 69.6 acres of emergent wetlands, open water, and vegetative fringe habitat; habitat improvement of 179.7 acres of existing forested tracts, including establishment of a 150 foot wide riparian buffer along the West Fork from Riverside Drive to East 1st Street. The buffer would consist of grass and forbs established on approximately 45.6 acres of land. Additional features of the NER include reforestation of approximately 66.9 acres of land using a variety of native hard and soft mast trees and shrubs; and preservation and habitat improvements to approximately 206.9 acres of native prairie and scrub/shrub uplands. The NER Plan includes compatible linear recreation development along a 9,000 foot-long by 10 foot-wide concrete trail, one vehicular bridge, 1,400 feet of crushed aggregate trail, 7,600 feet of wood mulch equestrian trail, and associated facilities (access points, parking lot, and restroom facilities).

Tarrant Regional Water District, as the local sponsor for this study, selected a Locally Preferred Plan (LPP) that consists of the NER features along with eradicating invasive species on 80 of 112 acres and reestablishing native species on 112 acres within the Tandy Hills Nature Preserve on the south side of IH-30. The LPP would include construction of 7,700 feet of crushed aggregate trail and associated facilities (access points and parking lot) in the Tandy Hill Nature Preserve. The LPP would additionally involve construction of three observation areas on lands associated with the NER plan; and construction of a new Gateway Park entrance road and bridge. All of the additional LPP features would be funded by the non-Federal sponsor.

The LPP is the Recommended Plan. It would provide for ecosystem restoration on 512.2 acres of floodplain lands, restoration of approximately 2 miles of oxbow river channel, creation or restoration of 56.5 acres of floodplain wetlands, and 112 acres of riparian stringer and adjacent upland native grasses. It would include 25,700 feet of compatible mixed surface linear recreation trails.

The Recommended Plan has been reviewed in accordance with Section 404 of the Clean Water Act. All features proposed would comply with the terms and conditions of Nationwide permit 27, Stream and Wetland Restoration Activities. The State of Texas has reviewed and provided water quality certification for Nationwide permit 27, and no further evaluation under Section 404 of the Clean Water Act is necessary. The proposed project was also reviewed and found to be in compliance with Section 10 of the Rivers and Harbors Act.

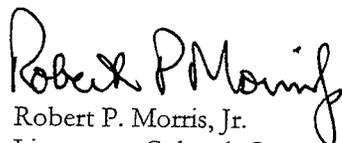
Executive Order 11988, Floodplain Management, was considered during the development of the Recommended Plan. There are no practical alternatives to achieve the project purposes of ecosystem restoration and recreation trail development without placing fill within the floodplain. Material removed from the project area which would be disposed as part of the recommended plan would be placed in approved landfills for the types of materials involved. Floodplain fill for recreational trail and ecosystem restoration would not directly or indirectly induce additional development in the floodplain and would, therefore, be in compliance with Executive Order 11988. Executive Order 11990 on the Protection of Wetlands was also considered during the development of the proposed project. The proposed project would neither adversely impact nor result in any loss of wetland areas, so the project is in compliance with Executive Order 11990. The recommended plan was also found to be in compliance with the Executive Order on Environmental Justice.

Cultural resources compliance issues for the Riverside Oxbow study have been addressed through consultation with the Texas State Historic Preservation Office (SHPO) in accordance with Section 106 of the National Historic Preservation Act. Onsite investigations resulted in the identification of historic archeological properties that could be impacted by excavation of the proposed return channel from the Oxbow Central Zone wetlands. As a result of that finding, the channel's alignment was modified to avoid those historic properties. The SHPO has concurred with the Corps' proposal to survey the modified alignment prior to construction with final adjustments as required to avoid any undiscovered historic properties.

The U.S. Fish and Wildlife Service supports the Recommended Plan and has determined that the proposed project is not likely to adversely affect threatened or endangered species.

Several comments were received during public review of the Riverside Oxbow Interim Feasibility Report and Integrated Environmental Assessment, that resulted in minor revisions in the report. These changes did not affect plan formulation, selection of the Recommended Plan, or in the environmental effects of the Recommended Plan or its alternatives. Based upon the Environmental Assessment and results of coordination, I have concluded that the recommended plan will not have a significant adverse effect on the human environment nor is it environmentally controversial. In addition, construction of the project will not constitute a major Federal action of sufficient magnitude to warrant preparation of an Environmental Impact Statement.

DATE 5/22/03



Robert P. Morris, Jr.
Lieutenant Colonel, Corps of Engineers
Acting District Engineer

Additional Proposal Information

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Enclosure 6 - Summary of Project Costs.pdf

MODIFIED CENTRAL CITY PROJECT

Fort Worth, Texas

Summary of Project Costs

November 13, 2014

FEATURE DESCRIPTION	Flood Control and Ecosystem		Total Project Costs
	Restoration	Recreation	
Reservoirs (Valley Storage)	\$ 100,232,000	0 \$	\$ 100,232,000
Dams	\$ 67,238,000	0 \$	\$ 67,238,000
Roads, Railroads and Bridges	\$ 11,677,000	0 \$	\$ 11,677,000
Levees and Floodwalls	\$ 163,094,000	0 \$	\$ 163,094,000
Pumping Plants	\$ 8,230,000	0 \$	\$ 8,230,000
Recreation Facilities	\$ -	\$ 10,830,000	\$ 10,830,000
Flood Control and Diversion Structures	\$ 77,288,000	0 \$	\$ 77,288,000
Sub-total Construction	\$ 427,759,000	\$ 10,830,000	\$ 438,589,000
Lands and Damages	\$ 125,014,000	0 \$	\$ 125,014,000
Relocations	\$ 112,841,000	0 \$	\$ 112,841,000
HTRW	\$ 35,523,000	0 \$	\$ 35,523,000
Fish and Wildlife Facilities	\$ 30,304,000	0 \$	\$ 30,304,000
Cultural Resource Preservation	\$ 1,108,000	0 \$	\$ 1,108,000
Planning, Engineering and Design	\$ 66,621,000	0 \$	\$ 66,621,000
Sub-total Non Construction	\$ 371,411,000	\$ -	\$ 371,411,000
Total Project Cost	\$ 799,170,000	\$ 10,830,000	\$ 810,000,000
Federal Share			
	\$ 514,792,000	\$ 5,415,000	\$ 520,207,000
Non-Federal Share			
Lands and Damages	\$ 125,014,000	\$ -	\$ 125,014,000
Relocations	\$ 112,841,000	\$ -	\$ 112,841,000
HTRW	\$ 35,523,000	\$ -	\$ 35,523,000
Cash Match	\$ 11,000,000	\$ 5,415,000	\$ 16,415,000
	\$ 284,378,000	\$ 5,415,000	\$ 289,793,000
Total Project Cost	\$ 799,170,000	\$ 10,830,000	\$ 810,000,000

Additional Proposal Information

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**Enclosure 7 - Estimated Economic Benefits of the Modified
Central City Project (Trinity River Vision) in Fort Worth,
Texas.pdf**

November 2014

Estimated Economic Benefits of the Modified Central City Project (Trinity River Vision) in Fort Worth, Texas

Prepared for
Trinity River Vision Authority

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Introduction

The Trinity River Vision (TRV) is a master plan for redeveloping the Trinity River corridor through downtown Fort Worth. The primary goal of the project is improved flood control, but it will also create new recreational facilities for the community and provide opportunities to convert an underutilized area of central Fort Worth into a densely developed residential, business, and entertainment district. The project sponsors intend to pursue federal funding to assist with the construction of flood control improvements along the Trinity River under the Water Resources Reform and Development Act (WRRDA) of 2014. Projects receiving funding under WRRDA must describe the benefits they provide to the nation in the following categories:

1. The protection of human life and property (which includes protection against flooding);
2. Improvement to transportation (i.e., waterborne commerce);
3. The national economy;
4. The environment; or
5. The national security interests of the United States.

As it is implemented over time, the TRV plan will contribute significant benefits to the nation. However, these benefits will be primarily concentrated in the categories of protection of human life and property, the national economy, and the environment. Since this segment of the Trinity River is not a navigable waterway that can be used for the commercial movement of freight, it will not create improvements to transportation, as defined by WRRDA. Likewise, the project does not create any known benefits for the national security interests of the United States. The TRV plan will create environmental benefits, but they will be documented elsewhere in the submission to the Secretary of the Army. Therefore, this report will provide estimates of (1) the benefits from the protection of human life and property and (2) the national and regional economic development benefits that will result from the proposed Trinity River realignment.

Methodology

This study relied upon a combination of quantitative and qualitative techniques to prepare the estimation of benefits. While it was possible to quantify many of the TRV plan's benefits, other benefits required a qualitative analysis because these impacts were less directly measurable. The study also required calculating the economic impacts of the projects in two separate steps: national and regional. Under U.S. Army Corps of Engineers (USACE) analysis guidelines, a project's economic development impacts can be further divided into four categories:

1. National Economic Development (NED) benefits;
2. Regional Economic Development (RED) benefits;
3. Environmental Quality (EQ); and
4. Other Social Effects (OSE).

The estimation of national and regional economic development impacts arising from the TRV plan are based upon projected spending estimates provided by the Trinity River Vision Authority (TRVA). When estimating the benefits of new development and redevelopment that will accompany the TRVA's efforts, two types of impacts were considered. The first is the temporary impact of redevelopment and construction of new commercial, residential, and mixed-use properties as described in the TRV plan. These impacts cease once construction or rehabilitation ends. Perhaps more important are the on-going impacts from new property development or redevelopment. Additional jobs will come to the area as companies occupy office buildings, as new local spending occurs at restaurants and entertainment venues, and as new residents support local retailers and service providers. The analysis is based upon development assumptions provided by architectural firm Gideon Toal (now Bennett Benner Partners) and detailed in the TRV plan. These reports provide estimates of future construction costs and the on-going economic impacts of residential and commercial properties. The estimates in each of the described impact categories will be limited to the impacts that will occur in the national and regional economy (defined as Tarrant County).

Estimates of the TRV plan's economic impacts are based upon results from the IMPLAN economic input/output model developed by the Minnesota IMPLAN Group. Input-output models track how spending flows through a regional economy. The estimates include direct, indirect, and induced impacts. Direct impacts are the result of a firm or agency procuring goods and services in the local community. For example, the TRVA will commission engineers to study environmental issues, pay construction companies to build bridges, and demolition companies to remove unwanted structures. Indirect impacts occur when these vendors and suppliers in turn purchase goods and services to support their local operations. For example, the firm providing environmental engineering services hires employees, purchases office supplies and computer parts, and hires professional service providers such as accountants. The induced impacts track the economic and fiscal effects of employees of all of these contractors and subcontractors spending a portion of their earnings in the local economy for goods and services. Each of these impacts is adjusted to only account for local purchases. For example, when the demolition company purchases fuel for a backhoe, little of the related economic activity stays in Tarrant County because there is not extensive oil production and refining activities in North Texas. When added together, the sum of all of the activity from direct, indirect, and induced impacts is greater than the local proportion of the Trinity River Vision Authority spending, which is the "multiplier effect."

To assess the Other Social Effects of the TRV project, senior research staff from the Center for Economic Development and Research (CEDR) conducted a series of meetings with key informants representing planners, developers, business groups, the Tarrant County College District, and the City of Fort Worth (see Table 1). These semi-structured interviews allowed the key informants to provide qualitative information on the most important aspects of the TRV project from their individual or organization's perspective.

Table 1. Individuals Interviewed for the TRV Study

Name	Organization	Position
Mr. David Berzina, CECD, FM	Fort Worth Chamber of Commerce	Executive Vice-President Economic Development
Mr. Richie Butler	Prescott Advisors, LLC	Managing Director
Mr. Fernando Costa	City of Fort Worth	Assistant City Manager
Mr. John Cychol, FCDME, CTA	Fort Worth Convention & Visitors Bureau	Vice-President of Meeting Sales
Mr. Randy Gideon	L2L Lancaster	Owner
Ms. Rosa Navejar	Fort Worth Hispanic Chamber of Commerce/The Rios Group	Former President/President
Ms. Nina Petty	Tarrant County College District	Vice Chancellor of Real Estate & Facilities
Mr. Tom Purvis	Continental Real Estate, Inc.	Owner
Mr. Brady Wood	Woodhouse	Owner

Finally, as previously discussed, this report will not attempt to address the environmental benefits of the TRV plan. However, those benefits are documented elsewhere in the TRVA submission to the Secretary of the Army.

Protection to Human Life and Property

The primary purpose of the TRV plan is the protection of human life and property from flooding. The economic benefit of flood control projects is the reduced cost associated with flooding, commonly referred to as the expected annual damages. Reductions in expected annual damages result in an increase in national income, and thus represent a NED benefit; yet for urban areas, expected annual damages can be difficult to quantify. A theoretical equivalent measure, location benefits, uses the forecasted change in land prices associated with flood reduction efforts to capture the benefits of flood controls. Given a competitive land market, the price differential for land without project flood controls and with project flood controls is the capitalization of reduced expected annual damages.

Currently, 560 acres of land in the TRV Tax Increment Finance (TIF) District are most likely to see new development in the next 40 years due to reduced flood risk. These properties are currently valued at an average of \$260,000 an acre. Yet, land in the immediate area is valued at \$2.2 million an acre. Additionally, the project recaptures 240 acres of waterfront development opportunity in the downtown central city core that would not be available but for the project. Because of the prime location of this new real estate, it is estimated to be valued at \$3 million an acre, which is a comparable value to other land in central Fort Worth that is used for building similarly dense residential/mixed use/commercial projects. Thus, the location benefit

for the TRV project is \$1.8¹ billion. Given the 2015 Federal Discount Rate of 3.375%, the annual location benefit amortized over 50 years is estimated to be \$75.3 million.²

The costs associated with the TRV project spans 2001 to 2026 and totals \$907.4³ million in 2014 dollars. The annual cost amortized over 50 years is estimated to be \$37.8 million.

This report's final costs are based on 2014 price levels and benefits discounted at a federal interest rate of 3.375%. The economic analysis for the plan indicates that the proposed plan would provide annual benefits of \$75.3 million that, when compared to the annual cost of the plan of \$37.8 million, yields a benefit to cost ratio of 1.99 to 1 with \$37.5 million in net excess benefits annually.

Benefits for the National Economy

National Economic Development (NED) Benefits

The TRV plan's current budget calls for the USACE and the TRVA to spend approximately \$940 (in nominal dollars) million to complete flood control projects along a segment of the Trinity River near downtown Fort Worth between 2005 and 2026. In addition to these improvements, the spending will also include infrastructure development and environmental remediation projects. This spending will pay for engineering, architectural, environmental and other studies; the cost of building bridges and realigning a bypass channel for the Trinity River; expenses incurred to build gates, walls, levees, and other flood control features; and other miscellaneous costs such as management and administrative expenses. Although the budget includes over \$111 million for property acquisition, these costs were not included as spending in the economic impact estimates. Additionally, nearly \$45 million is budgeted for businesses relocation assistance, and this spending was also excluded in the impact estimates.

The total national economic impacts of spending, which include the impacts within the region (defined as Tarrant County) and outside of the region, are presented in Table 2. Through 2026, USACE and TRVA spending will generate over \$2 billion in total national economic activity, which will support 14,000 person years of employment, create over \$800 million in new labor income and \$267 million in property income,⁴ and boost state and local tax revenues by \$229 million.⁵ The net national impact of the TRV only includes economic impacts experienced outside the local region. Excluding Tarrant County, the TRV's impact would be \$923 million of economic activity and 4,900 person years of employment. It would also generate \$198.4

¹ $(560 * (\$2,200,000 - \$260,000)) + (240 * \$3,000,000) = \$1,806,400,000$

² Capital Recovery Factor = .04168

³ \$742 million construction cost + \$53.2 million relocation cost + \$112.2 million in land acquisition cost = \$907.4 million (all cost are in 2014 dollars).

⁴ Property income includes rents, royalties, corporate profits, and dividends.

⁵ Federal, state, and local revenues include sales, property, and excise taxes plus licenses and fees paid to government entities.

million of federal, state, and local taxes. Appendix A provides a yearly accounting of the net national impacts of the project.

Table 2. National Economic Development and Fiscal Impacts of Construction and Related Spending under the Trinity River Vision Plan

Description	Total National Impact	Net National Impact
Total Construction Spending ¹	\$ 742,620,000	\$ 56,820,000
Total Economic Activity	\$ 2,093,000,000	\$ 923,000,000
Total Wages, Salaries, Benefits	\$ 801,000,000	\$ 262,000,000
Total Employment	14,000	4,900
Total Property Income ²	\$ 267,000,000	\$ 143,450,000
Federal, State and Local Taxes ³	\$ 229,000,000	\$ 198,450,000

¹ Does not include payments for land acquisition or business relocation assistance.

² Includes royalties, rents, dividends, and corporate profits.

³ Includes sales, excise, property taxes, fees, and licenses.

The TRVA’s architects have identified 800 acres of land for residential and commercial development that will be directly affected by the Trinity River’s realignment and related projects. Since 2004, over 2.5 million square feet of high-density and medium-density residential properties, including a senior living facility, have been built within the TRV’s TIF District. Additionally, a limited amount of office and retail space has opened within the TRV’s TIF District.

According to land use projections developed by Gideon Toal, between 2015 and 2047, the TRV TIF District is expected to add approximately 18.5 million square feet of new development, which will include 11.8 million square feet in high-density and medium-density residential properties and 6.7 million square feet of commercial development including high-density office, moderate-density office, retail, hotel, and restaurant land uses.

Construction spending for all non-civic land uses through 2047 in the TRV TIF District is estimated to be approximately \$2.1 billion (in constant 2014 dollars). This spending will generate approximately \$5.8 billion of economic activity nationally and support more than 39,600 person-years of employment paying almost \$2.2 billion in salaries, wages, and benefits (see Table 3). In addition, other property income such as dividends, royalties, and corporate profits will be increased by \$1.35 billion. Federal, state, and local taxing entities will gain \$616 million in new revenues as a result of private TRV-related construction activities over the next 40 years. The net national impact of the residential and commercial development in the TRF TIF District is estimated at almost \$2.5 billion of economic activity and 13,100 person years of employment created. Over the 40-year development period, these activities would contribute more than one-half billion dollars to federal, state, and local governments.

Table 3. National Economic and Fiscal Impacts of Residential and Commercial Construction Activity in the TRV TIF District (40-Year Development Period)

Description	Total National Impact	Net National Impact
Total Construction Spending	\$ 2,115,000,000	\$ 104,000,000
Total Economic Activity	\$ 5,825,000,000	\$ 2,482,000,000
Total Wages, Salaries, Benefits	\$ 2,208,000,000	\$ 674,000,000
Total Employment	39,600	13,100
Total Property Income ¹	\$ 1,353,000,000	\$ 1,100,000,000
Federal, State and Local Taxes ²	\$ 616,000,000	\$ 524,000,000

¹ Includes royalties, rents, dividends, and corporate profits.

² Includes sales, excise, property taxes, fees, and licenses.

One of the more subtle ways that the TRV plan will create national economic development benefits - that is not fully captured in this study's economic impact analysis - is through the building of a creative, livable environment that will attract industry employers and the young, educated workers they need. While this benefit might appear to be abstract and intangible, it is almost universally accepted among economic development experts and even the general public. Simply stated, quality of life matters, not only for attracting industry, but also for making workers more productive. The interview participants consistently asserted that the TRV plan will fundamentally enhance Fort Worth's character as a city and its quality of life. The existing amenities of downtown Fort Worth and the new amenities that will be created by the TRV plan are already attracting young, educated workers, not just from the Dallas-Fort Worth region but from around the nation. According to the study's participants, some of these young workers grew up in Fort Worth and have returned after college, reversing the city's "brain drain." Many of these young people were said to hold corporate jobs in oil and gas, accounting, and law, or they work for some of Fort Worth's major employers, which include: Lockheed Martin (15,000 employees); Bell Helicopter (5,000 employees); Novartis (6,000-7,000 employees); AllianceTexas (44,000 workers); Miller Coors (2,000 employees); and Samsung (2,000 employees). The synergies of this environment create tangible benefits to the entire nation, which will manifest themselves through the various corporations located in Fort Worth who do business throughout the country and around the world.

Regional Economic Development Benefits

The TRV plan will generate significant regional economic development benefits over the period of its implementation. The economic impact analysis estimates that almost \$742 million in new construction through 2026 (in 2014 dollars) will take place. Over this period, TRVA's spending will generate more than \$1.17 billion in local economic activity, support 9,100 person years of employment, create \$539 million in new labor income and \$123.6 million in property income,⁶

⁶ Property income includes rents, royalties, corporate profits, and dividends.

and boost state and local tax revenues by \$30.6 million (see Table 4).⁷ Appendix A offers estimates of annual economic and fiscal impacts during project construction, based upon the TRVA’s planning documents.

Table 4. Economic and Fiscal Impacts on Tarrant County from the Construction and Related Spending for the Trinity River Realignment Project in Tarrant County

Description	Regional Impact
Total Construction Spending ¹	\$ 685,800,000
Total Economic Activity	\$ 1,170,000,000
Total Wages, Salaries, Benefits	\$ 539,000,000
Total Employment	9,100
Total Property Income ²	\$ 123,550,000
State and Local Taxes ³	\$ 30,550,000

¹ Does not include payments for land acquisition or business relocation assistance

² Includes royalties, rents, dividends, and corporate profits.

³ Includes sales, excise, property taxes, fees, and licenses.

Before the planned development can take place, a large amount of land is being reclaimed during projects led by the USACE along the Trinity River. Once buildable, the reclaimed land is expected to spur private investment in high and medium density residential and office space.

Regionally, the spending from new development will generate approximately \$3.3 billion of economic activity in Tarrant County and support more than 26,500 person-years of employment paying \$1.53 billion in salaries, wages, and benefits (see Table 5). Other property income in Tarrant County such as dividends, royalties, and corporate profits will be increased by \$253 million. State and local taxing entities will gain \$92 million in new revenues as a result of private TRV-related construction activities over the next 40 years.

Table 5. Economic and Fiscal Impacts of Residential and Commercial Construction Activity in the TRV TIF District on Tarrant County (40-Year Development Period)

Description	Regional Impact
Total Construction Spending	\$ 2,011,000,000
Total Economic Activity	\$ 3,343,000,000
Total Wages, Salaries, Benefits	\$ 1,534,000,000
Total Employment	26,500
Total Property Income ¹	\$ 253,000,000
State and Local Taxes ²	\$ 92,000,000

¹ Includes royalties, rents, dividends, and corporate profits.

² Includes sales, excise, property taxes, fees, and licenses.

⁷ State and local revenues include sales, property, and excise taxes plus licenses and fees paid to government entities.

Recurring Impacts of Business Activity in the TRV TIF District

As noted above, the larger impacts on local economic activity are based on business activities of the occupants of the office and commercial properties to be developed as a part of the TRV plan. Using land use and development information gathered by the CEDR, estimates were prepared for the number of jobs and associated economic activity of businesses locating in the TRV by activity including office-based industries, retail trade, retail-support trades, and restaurants. By the 40th year of development, more than 29,600 persons will be employed in jobs located in the TRV TIF District.

Businesses located in the TRV development area will create almost \$2.2 billion (2014 dollars) of business activity per year at the 40-year development stage. This activity will boost the Tarrant County economy by almost \$3.8 billion per year, supporting more than 29,600 direct, indirect, and induced jobs and will increase labor income by \$1.3 billion (see Table 6). Additionally, new property income in the form of dividends, royalties, and corporate profits will rise to \$680 million per year, and state and local taxing entities will see \$238.5 million in new revenues. The growth in the recurring impacts will track with property development and building occupancy. Even at just 30 percent of development that Gideon Toal projects for the next five years, that still averages to about \$1.13 billion in new, on-going business activity in Tarrant County.

Table 6. Recurring Economic and Fiscal Impacts of Business Activities in Tarrant County (40-Year Development Timeframe, Constant 2014\$)

Description	Impact
Direct Business Activity	\$ 2,170,300,000
Total Economic Activity	\$ 3,775,160,000
Total Wages, Salaries, Benefits	\$ 1,302,110,000
Total Employment	29,600
Total Property Income ¹	\$ 680,000,000
State and Local Taxes ²	\$ 238,500,000

¹ Includes royalties, rents, dividends, and corporate profits.

² Includes sales, excise, property taxes, fees, and licenses.

Do-Nothing Scenario

The preliminary work done to date on the TRV project has altered the path of development on the north side of the city of Fort Worth. Developers are “rediscovering” opportunities for growth near downtown Fort Worth. CEDR research staff estimated more than 2,250 housing units and condominiums have been developed since the start of the TRV project. One of the more visible projects is “The Bluffs” housing and mixed-use development project, which added significantly to the housing stock of the area. While the proposed TRV plan did not directly “cause” this development, the public elements of the TRV planning process increased consumer interest and purchases within this housing development. Another project influenced by the TRV plan is the Tarrant County Community College’s purchase of a new campus (at the former

Radio Shack corporate headquarters) and its newly constructed buildings that house the school’s nursing program. In addition, other amenities, such as the Coyote Drive-In on Panther Island, are helping to redefine the area in a positive light. Some of this development will continue to occur even if the Trinity River Project is halted.

Based on our discussions with local business leaders and city officials, as well as the overall development trends in Tarrant County, it is expected that some of the development estimated in previous sections of this report will occur regardless of the TRV plan proceeding from the current level of infrastructure improvements. However, the development will be slower in timing and will be of much smaller magnitude. Less than one-fourth of the total projected development used in our assessment of the TRV plan is estimated to occur within the 40-year time frame if the project is cancelled. Additionally, the development that does occur is more likely to favor residential over commercial construction. Table 7 provides estimates of the construction and recurring impacts of the do-nothing-from-this-stage-forward scenario. These estimates of development are still much higher than what would have occurred if the TRV planning process had not been undertaken. Whether or not the Trinity River realignment actually happens, it has already had a substantial impact on growth and redevelopment in Tarrant County and especially the city of Fort Worth.

**Table 7. Impacts of Do-Nothing Development Scenario on Tarrant County
(40-year development assumption, Constant 2014\$)**

Description	Construction Impacts	Recurring Impacts of Business Operations
Direct Construction Costs/ Business Activity	\$ 682,000,000	\$ 234,000,000
Total Economic Activity	\$ 1,105,000,000	\$ 407,000,000
Total Wages, Salaries, Benefits	\$ 465,000,000	\$ 139,000,000
Total Employment	8,000 ³	3,100
Total Property Income ¹	\$ 277,000,000	\$ 146,000,000
State and Local Taxes ²	\$ 34,000,000	\$ 36,000,000

¹ Includes royalties, rents, dividends, and corporate profits.

² Includes sales, excise, property taxes, fees, and licenses.

³ Person years of employment.

Other Regional Economic Development Benefits

The concept of “urban fabric” relates to the physical attributes of cities and how their neighborhoods connect and interact, as well as the physical routes that form their linkages. Cities with a strong urban fabric generally have populations and economies that are more robust and productive. It was the desire to improve Fort Worth’s urban fabric that led to the initial effort to physically link the city’s three primary tourist areas (the Stockyards, downtown, and the cultural district). Pursuing this goal led to the city of Fort Worth’s Downtown

Confluence Study, which ultimately led to the creation of the TRV.⁸ The city of Fort Worth's Downtown Plan also promoted linkages between downtown Fort Worth and the city's Stockyards. The TRVA's initial efforts to improve the urban fabric of Panther Island have led to the creation of the Panther Island Pavilion and the Coyote Drive-In. These facilities now give residents a reason to go to Panther Island and connect it to the remainder of the city. Panther Island Pavilion is now the city's largest public meeting space, and it attracts thousands of visitors to events, while the Coyote Drive-In receives between 350,000 and 400,000 visitors per year.

The future benefits of a stronger urban fabric may be experienced by the neighborhoods that surround Panther Island. Participants described Panther Island's current condition as a large void of economically distressed urban space, which also divides downtown Fort Worth from the city's northern neighborhoods. This was not always the case since, historically, the area north of downtown was where the wealthy cattle barons lived. Later, this area would transition into a Hispanic/Anglo neighborhoods and that would ultimately become predominantly Hispanic. Their current residents are mostly first- or second-generation immigrants, who maintain a very stable neighborhood, but one that currently lacks effective leadership or the ability to facilitate change from within. Many interview participants believed that the TRV plan offers an opportunity to clean up the vacant or blighted areas of Panther Island and to create a better gateway between downtown Fort Worth and the historic stockyards. Other parts of the TRV TIF district will help provide linkages to the city's cultural district. Additionally, some study participants anticipated that residents in the north side neighborhoods would identify and pursue new entrepreneurial opportunities spawned by the TRV plan and its repair of the city's urban fabric. One participant suggested forming a non-profit to promote economic development in the north side neighborhoods, which could be a coordinated arm of the TRVA. Finally, implementation of the TRV plan will provide more opportunities to create jobs that will be physically accessible to the residents of the surrounding neighborhoods.

Another potential spillover benefit from implementing the TRV plan could be a greater pride of home ownership among residents, which could encourage some households to make new investments in their residences. Conversely, some residents may fear that any spillover from Panther Island into the surrounding neighborhoods will lead to gentrification, increases to property taxes, more neighborhood traffic, and higher noise levels. The Oak Hurst neighborhood, which is northeast of Panther Island and across the Trinity River, is among the first to experience new development interest sparked indirectly by the TRV plan. Although changes from the TRV plan are not expected to effect the historic integrity of the surrounding neighborhoods, it is hoped that they will encourage the neighborhoods north of Panther Island to come out of their dormancy.

⁸ This study was funded by a local advocacy group called Streams and Valleys, which sought to rehabilitate the Trinity River. By the early 1970s, the Trinity River been allowed to deteriorate into a dry riverbed that was casually used as a dump.

Other Social Effects Benefits

Recreational Opportunities

To date, there has been a considerable effort by the TRVA to develop a “Trinity River lifestyle,” which has built interest and likely market demand ahead of commercial and residential construction on Panther Island. The interview participants viewed this lifestyle as being connected to Fort Worth’s downtown identity, but, at the same time, one that is separate and specifically related to Panther Island and the recreational opportunities it provides. Through various TRVA-led marketing efforts, stratified target groups have been identified for sponsoring activities that encourage the local population to embrace the Trinity River. The activities also educate residents that the Trinity River is safe for swimming and fishing. These efforts appear to be successful and, as an example, the TRVA-sponsored 2014 4th of July celebration had approximately 100,000 persons in attendance. During prior years, about 20,000 persons typically attended the celebration. Multiple interview participants noted that the marketing efforts of the TRVA have changed the image and availability of the river and have encouraged bike rentals, walking, and exercising along its trails. Recreational use of the Trinity River has been broadened and people now use kayaks and paddleboards, as well as swim at its manmade beach. Many of the study participants noted it was remarkable that Fort Worth residents would engage the Trinity River in this way, given its previous condition. It should be noted that this engagement of the Trinity River was the original purpose of the advocacy group Streams and Valleys, which first pushed local government agencies to clean up of the river and to encourage its recreational use.

Supports a Cluster of Higher Education Activities

The most visible activities in downtown Fort Worth have been corporate office leasing, residential projects, and the redevelopment of public spaces, such as Sundance Square. Several respondents saw the education sector as making a major contribution to Panther Island and downtown Fort Worth’s success. Higher education facilities already have a significant role in the revitalization of downtown Fort Worth. Currently located downtown or nearby are the University of North Texas’s (UNT) Health Science Center, Texas A&M University’s School of Law, the University of Texas at Arlington, and Tarrant County College’s Trinity River Campus. Some of these institutions anticipate expansions, such as Texas A&M’s Law School and the UNT Health Science Center. Finally, at least two interviewees expressed the need to consider future elementary and secondary education campuses on Panther Island. Establishing high quality public schools will be essential to attracting or retaining residents in the area.

Another social benefit of the TRV plan has been the TIF District’s additions to the tax base of the Fort Worth Independent School District (FWISD). Since 2005, the TIF district associated with TRVA has created increments in the local tax base that have allowed the FWISD to collect a total of \$23.5 million more than the existing tax base would have produced. In 2014 this increment totaled \$3.9 million; yet as TRVA’s work progresses, FWISD is expected to receive

even greater benefits in the future. According to current estimates, in 2035 FWISD will receive over \$38.6⁹ million annually in increment tax benefits.

Conclusions

The implementation of the Trinity River Vision Plan is expected to protect human life and property along the Trinity River and generate economic benefits to the nation and the region. It has already spurred redevelopment efforts in the city of Fort Worth, and the economic benefits of flood control improvements and subsequent land development will be significant. Spending on the TRV plan will be approximately \$742 million through the year 2026, not including payments for land acquisition and business relocation assistance. Nationally, this spending will generate more than \$2 billion in economic activity and support over 14,000 person-years of employment. The estimated value of development that will occur after the flood control improvements are completed is expected to be more than \$2.1 billion in construction expenditures for housing, retail, office, and other uses that will take place by 2047. This spending will create an estimated \$3.3 billion in economic activity in the region and support 26,500 person-years of employment, paying about \$1.5 billion in salaries, wages, benefits, and proprietors' income.

Combining TRV construction spending (through 2026) with anticipated development-related construction spending through the 40-year development period results in estimated construction spending of \$2.9 billion. The spending from the project's construction and the subsequent build-out of developable land will result in an estimated \$7.9 billion of regional and national economic impacts, of which \$3.4 billion are national impacts that occur outside of the Tarrant County region.

The businesses that will occupy these spaces at the projected 40-year build-out are estimated to employ more than 29,600 full time workers and contribute over \$3.7 billion in annual economic activity to the regional economy. The economic analysis for the proposed plan indicates that it will provide annual benefits of \$75.3 million that, when compared to the annual cost of the plan of \$37.8 million, yields a benefit to cost ratio of 1.99 to 1 with \$37.5 million in net excess benefits annually. The TRV plan is also expected to produce many other benefits to the community, including recreational opportunities along the Trinity River and contributing to the city's sustained effort to revitalize downtown and encourage new, densely-built commercial and residential construction. Other benefits of the project include positive tax benefits for local school districts and creating opportunities to rejuvenate surrounding neighborhoods.

⁹ $(\$2,927,000 * .01322) = \$38,694,000$

Appendix A

Economic and Fiscal Impacts of Trinity River Vision Spending

By Year of Budgeted Activity

Table A-1

**Net National Economic and Fiscal Impacts of Trinity River Vision Spending
By Year of Budgeted Activity**

	2001	2004	2005	2006	2007
Employment	20.1	0.4	0.4	18.8	20.9
Labor Income	\$971,757	\$20,723	\$20,378	\$565,054	\$727,725
Total Economic Activity	\$2,838,201	\$64,805	\$63,728	\$2,372,080	\$2,848,029
State and Local taxes	\$793,729	\$18,331	\$18,026	\$779,719	\$908,459
	2008	2009	2010	2011	2012
Employment	28.3	64.9	90.9	91.5	145.8
Labor Income	\$1,218,481	\$3,407,620	\$4,799,371	\$5,091,826	\$8,123,432
Total Economic Activity	\$4,385,771	\$11,519,844	\$16,655,075	\$16,846,730	\$27,335,455
State and Local taxes	\$1,259,011	\$2,724,817	\$3,796,383	\$4,214,805	\$6,719,500
	2013	2014	2015	2016	2017
Employment	217.6	290.8	312.7	387	416
Labor Income	\$11,527,949	\$15,667,680	\$16,798,214	\$20,689,198	\$21,961,265
Total Economic Activity	\$34,931,942	\$55,277,578	\$59,508,293	\$73,641,500	\$79,081,985
State and Local taxes	\$7,828,289	\$12,475,775	\$13,185,862	\$15,878,612	\$16,566,986
	2018	2019	2020	2021	2022
Employment	359.2	361.1	354.5	343.2	471.8
Labor Income	\$19,219,726	\$19,124,159	\$18,637,601	\$18,013,499	\$24,851,239
Total Economic Activity	\$68,169,737	\$68,409,112	\$67,224,173	\$64,950,682	\$89,512,346
State and Local taxes	\$14,574,088	\$14,453,933	\$14,243,063	\$13,590,482	\$18,641,553
	2023	2024	2025	2026	
Employment	248.9	254.6	215.8	216.2	
Labor Income	\$13,413,598	\$13,879,409	\$11,754,003	\$11,694,666	
Total Economic Activity	\$47,500,756	\$48,404,862	\$41,044,644	\$41,233,549	
State and Local taxes	\$9,764,790	\$9,853,912	\$8,305,884	\$8,365,872	

Source: Gideon-Toal, Authors' estimates

* Totals rounded to nearest 000s.

Table A-2

**Regional Economic and Fiscal Impacts of Trinity River Vision Spending
By Year of Budgeted Activity**

	2001	2004	2005	2006	2007
Employment	34.8	0.9	0.9	38	44.7
Labor Income	\$2,344,474	\$56,258	\$55,323	\$2,740,647	\$3,116,914
Total Economic Activity	\$4,942,161	\$115,804	\$113,878	\$4,903,935	\$5,718,392
State and Local taxes	\$141,555	\$3,380	\$3,324	\$144,719	\$168,404
	2008	2009	2010	2011	2012
Employment	56.8	125.7	176.3	202.8	324.5
Labor Income	\$3,818,058	\$7,865,538	\$10,739,586	\$12,396,611	\$19,563,346
Total Economic Activity	\$7,664,493	\$16,774,012	\$23,069,287	\$26,085,938	\$41,268,154
State and Local taxes	\$241,831	\$438,846	\$603,175	\$714,189	\$1,136,094
	2013	2014	2015	2016	2017
Employment	328.3	589.1	619.4	736.4	758.7
Labor Income	\$20,935,735	\$34,819,875	\$36,534,061	\$43,248,525	\$44,392,106
Total Economic Activity	\$46,450,512	\$74,763,167	\$78,887,025	\$93,952,068	\$97,144,689
State and Local taxes	\$1,157,444	\$2,006,888	\$2,085,723	\$2,454,017	\$2,500,185
	2018	2019	2020	2021	2022
Employment	671.3	660.4	652.6	617.6	846.4
Labor Income	\$39,433,741	\$38,707,184	\$38,219,178	\$36,148,787	\$49,394,676
Total Economic Activity	\$85,817,449	\$84,328,432	\$83,168,406	\$78,888,638	\$107,920,060
State and Local taxes	\$2,229,689	\$2,199,207	\$2,184,013	\$2,057,208	\$2,809,301
	2023	2024	2025	2026	
Employment	441.3	440.6	370.7	375.8	
Labor Income	\$25,605,888	\$25,593,114	\$21,520,810	\$21,801,113	
Total Economic Activity	\$56,190,185	\$56,306,374	\$47,456,852	\$48,086,286	
State and Local taxes	\$1,439,820	\$1,424,837	\$1,192,528	\$1,209,949	

Source: Gideon-Toal, Authors' estimates

* Totals rounded to nearest 000s.

Appendix B

Additional Findings from the Stakeholder Interviews

Additional Findings from the Stakeholder Interviews

The following pages summarize a variety of findings from the stakeholder interviews that support or supplement the information provided in the main body of the report. In most cases, the information is somewhat tangential to the narrow interests of WRRDA. Nonetheless, because it still provides the reader useful background and context, it was included in the report as an appendix.

Attitudes of Developers and Perceptions of Risk

As might be expected, Fort Worth's development community has strongly supported the TRV plan, particularly because it creates opportunities for new projects. However, as one interviewee pointed out, there has been a cautious optimism about the TRV plan until the bridges were constructed. Now that bridge construction has begun, developers are viewing the project with a heightened level of interest. Some participants in the interviews stated that developers perceive little or limited risk from projects on Panther Island, pointing to similar projects in central Fort Worth (e.g., downtown Fort Worth, 7th Street, and Near Southside) as evidence that the risks are minimal. However, other participants emphasized the need to manage developers' risks and the importance of early "pioneers" gaining access to public subsidies.

Almost any time a developer brings a project to market, it is a complex and potentially risky endeavor, regardless of the conditions and circumstances. One method that developers use for managing these risks is a phased approach to development. Phasing simply means rather than constructing an entire project at once, the project is split into smaller projects that are built as market demand dictates. Frequently, developers will look to the public sector to subsidize costly aspects of a project. One strategy is to have the public sector own a parcel of land scheduled for development, so that developers will not have to carry the borrowing cost of the land until they are ready to build. Several interviewees stated that even with a robust economy, it might be necessary to provide some subsidies to encourage developers to build the first multifamily projects on Panther Island. But, as was suggested by one interviewee, it is the first one or two pioneer projects that might receive an incentive, not the third or fourth project. Some examples of the types of subsidies that are typically used, include: economic development grants, cash tax abatements, and infrastructure improvements (e.g., roads, sewer, etc.).

The TRV plan has inadvertently assisted developers in other ways, as it has worked towards its primary function of flood control. Two major deterrents to land development are environmental issues and fragmented land ownership. In the case of Panther Island, federal and local government agencies are dealing with flooding issues and, as a consequence, have had to purchase properties that have contaminants and require remediation. Attempting to handle both of these environmental issues could quickly make a project unviable for a developer. The Tarrant Regional Water District is also dealing with the land fragmentation

issue, by purchasing the land that will later be used for development. Developers see minimal risk on the site due to the remediation work being done. As a result, outside of a serious natural or manmade disaster, developers on Panther Island will be building projects on land that should be free of major environmental and flooding problems.

The meeting participants also identified other risks that the TRV plan has encountered or could encounter in the future. The most commonly observed risk was unreliable funding from federal sources. The USACE was lauded for its long-term commitment to the TRV plan and its funding for the TRV improvements to date, but there were worries that future federal funding could become an issue. Local political support was another identified risk. Like funding for the TRV plan, participants lauded the committed local elected officials who have in the past and continue to support the TRV plan, but there are no guarantees that every future elected official will choose to do so.

The consensus among the interviewees is that developers are closely monitoring the Panther Island project and will begin development when land becomes available. Many interview participants believed land development and investing tends to create a snowball effect, so that once several projects are successfully built and occupied, other developers and investors will rush to enter the market. Interviewees predicted that entitled property is ready to move now on Panther Island and that within the next 6-12 months there will be an announcement to redevelop the Panther Island Power Plant.

All of the respondents believed the TRV plan could be completed over the next 40 years, and many thought that the full build-out could occur sooner. However, it was pointed out that, for the first 15 years, there will be limitations to how fast the construction can occur, since various flood control improvements and new infrastructure need to be built. However, once the project reaches the tipping point, it will likely move faster. The TRV project already has an easier tipping point than most development projects because all the early work (remediation, flood control, utilities) will have been done prior to the developers acquiring the land. Once the residential properties come to market, it is anticipated that they will be absorbed quickly.

Perceived Viability of the TRV Plan

An important element to maintaining interest in the TRV plan was to design and implement it so that stakeholders at all levels would support the plan and believe that it would be successful. The demand for office space in downtown Fort Worth is high, with occupancy rates in the mid to the upper 80 percent range. Although TRV is not part of downtown Fort Worth, it is adjacent to it; so, to avoid conflict, buildings heights were capped in the TRV plan to prevent direct competition with downtown property. The current TRV plan calls for approximately 3 million square feet of commercial space in the TIF district, and most study participants believed this goal is achievable. However, their responses were often caveated that it may be necessary to attract one or more major corporate headquarters to absorb that amount of office space. The large number of corporate headquarters in the Dallas-Fort Worth area, including several in

downtown Fort Worth, makes the scenario plausible. It was also mentioned that trends like telecommuting could diminish the need for some office space, which might temper overall demand in the office market. Most respondents, however, expected the future commercial space to be a mix of office and retail development. Given that the TRV Plan is heavily dominated by residential development, a substantial amount of new retail will be necessary to support this population, since it will essentially be starting from nothing. This retail could also serve other central Fort Worth residents. One study participant observed that upscale grocery stores are needed in this area. Another interesting observation was that existing competition for upscale retail in the Fort Worth area is fairly intense, so this type of retailer may be less available for Panther Island than might be assumed.

Almost all the interviewees believed that the 10,000 proposed residential units on Panther Island is an achievable goal. A number of the interviewees pointed to new Fort Worth residents, who are often young and educated. Many in the younger generation eschew car ownership and new developments like Panther Island create opportunities to have a complete and high quality of life without needing a car. Additionally, without the financial burdens of car ownership, more household income can be directed towards the types of housing that will be built on Panther Island, which is more expensive to construct than traditional single-family urban sprawl.

None of the interviewees believed that Panther Island would absorb all or most of the demand for denser urban development offered elsewhere in the city, although there were some differences of opinion about how quickly the Fort Worth market could absorb the type and scale of housing that is being proposed. The general consensus was that Fort Worth has sufficient market demand to accommodate the new development proposed on Panther Island, as well as the various other projects underway or proposed around the city of Fort Worth. None of the interviewees believed there would be a conflict with other new urbanism projects in the region, including the West 7th Street development that is most closely related to TRV. The region has absorbed much of the 3,000 units placed on the market along West 7th Street, so there is likely additional demand. To some degree, the region has developed a sufficient “hipster” reputation that new migrants are seeking the types of environments being proposed in the TRV plan. However, sprawling, peripheral development on the city’s outer edge was singled out for a less promising prognosis, at least for projects competing with the TRV’s market segment.

One possible disadvantage of the Panther Island site, as currently planned, is that it will not have the same advantage of walkability that exists in downtown Fort Worth. Several participants suggested that the possibility of a streetcar network should be given future consideration.

Resilience of the TRV Plan

The long time horizon of the TRV plan means a sustained effort is required to keep the plan moving forward and to hold the attention of local officials, the business community, and the general public. The TRVA's diverse and stratified public engagement efforts have been critical to achieving this goal. When queried about the resilience of the TRV's plan, all the respondents stated that the plan could withstand future economic headwinds and still come to market. However, as with any complex project, there are various unforeseen obstacles (such as regulations, permitting, etc.), delays (funding, economy), or threats (funding, political), which could jeopardize the successful or timely completion of the TRV plan. Most of the interviewees expressed concern that a large share of the project's funding is dependent upon federal sources, especially during the more or less permanent fiscal uncertainty at the federal level. Although the lack of federal funding would stall the project and make it more difficult, it would not be impossible to restart.

Many study participants also pointed to the TRV's ability to survive the 2008-2009 Recession as evidence that it could survive another recession. The participants also pointed to other past events that have challenged the local economy, such as the closure of Carswell Air Force Base in 1993. Almost all the interviewees made a common observation that community leaders in Fort Worth generally work together for the common good and that the city has a "can do" attitude. They further described community leaders as being able to look at the bigger picture and that local politics rarely becomes personal. Finally, while the TRV's plan has some naysayers who are vocal, they are described as a small minority of Fort Worth's residents.

Additional Proposal Information

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**Letter of Support - FW Chamber of Commerce - WRRDA
2015.pdf**



August 5, 2015

Jim Oliver
Tarrant Regional Water District
800 E. North Side Drive
Fort Worth, Texas 76102

Dear Mr. Oliver:

On behalf of the Fort Worth Chamber of Commerce and our 2,100 business members, I am writing to show our strong support of the proposed modifications to the Trinity River Vision (TRV) – Central City Project as described in the Upper Trinity River Central City, Fort Worth, Texas, Modified Project Report and Supplement No. 1 to the Final Environmental Impact Statement, April 2008.

Fort Worth was named the fastest-growing metropolitan area in the U.S. by the Census Bureau in 2011, proven by an over 39% increase in population in just ten years. As you can imagine, this has created a significant burden on our existing infrastructure.

The Modified Central City project brings enhanced flood control to a historically economically disadvantaged, aging industrial area. Public improvements will not only address critical transportation and flood control needs but will also foster a walkable, high-density, mixed use neighborhood in our central city, a viable sustainable alternative to suburban sprawl.

Additionally, flood control improvements combined with ecosystem restoration and recreational amenities will revitalize Gateway Park, an underutilized park in our central city.

Thank you for your continued efforts on this project that addresses critical long term growth needs for our region. We fully support the proposed modifications to the Central City Project as described in the Modified Central City Project Plan.

Sincerely,

Bill Thornton
President & CEO
Fort Worth Chamber of Commerce

Additional Proposal Information

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**Letter of Support - FW Hispanic Chamber of Commerce -
WRRDA.pdf**



Jim Oliver
Tarrant Regional Water District
800 E. North Side Drive
Fort Worth, Texas 76102

Dear Mr. Oliver:

On behalf of the Fort Worth Hispanic Chamber of Commerce, I am writing to show our strong support of the proposed modifications to the Trinity River Vision (TRV) – Central City Project as described in the Upper Trinity River, Central City, Fort Worth, Texas, Modified Project Report and Supplement No. 1 to the Final Environmental Impact Statement, April 2008.

Fort Worth was named the fastest-growing metropolitan area in the U.S. by the Census Bureau in 2011, proven by an over 39% increase in population in just ten years. This has created a significant burden on our existing infrastructure. The Modified Central City project brings enhanced flood control to a historically economically disadvantaged, aging industrial area. Public improvements will not only address critical transportation and flood control needs but will also foster a walkable, high-density, mixed use neighborhood in our central city, a viable, sustainable alternative to suburban sprawl. Additionally, flood control improvements combined with ecosystem restoration and recreational amenities will revitalize Gateway Park, an underutilized park in our central city.

Thank you for your continued efforts on this project that addresses critical long term growth needs for our region. We fully support the proposed modifications to the Central City Project as described in the Modified Central City Project Plan.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Hernandez', is written over a horizontal line. The signature is fluid and extends to the right with a large, sweeping loop.

John Hernandez
President/ CEO

Additional Proposal Information

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**Letter of Support - FW Metropolitan Black Chamber of
Commerce - WRRDA 2015.PDF**



August 7, 2015

Jim Oliver
Tarrant Regional Water District
800 E. North Side Drive
Fort Worth, Texas 76102

Dear Mr. Oliver:

On behalf of the Fort Worth Metropolitan Black Chamber of Commerce I am writing to show our strong support of the proposed modifications to the Trinity River Vision (TRV) – Central City Project as described in the Upper Trinity River, Central City, Fort Worth, Texas, Modified Project Report and Supplement No. 1 to the Final Environmental Impact Statement, April 2008.

Fort Worth was named the fastest-growing metropolitan area in the U.S. by the Census Bureau in 2011, proven by an over 39% increase in population in just ten years. This has created a significant burden on our existing infrastructure. The Modified Central City project brings enhanced flood control to a historically economically disadvantaged, aging industrial area. Public improvements will not only address critical transportation and flood control needs but will also foster a walkable, high-density, mixed use neighborhood in our central city, a viable, sustainable alternative to suburban sprawl. Additionally, flood control improvements combined with ecosystem restoration and recreational amenities will revitalize Gateway Park, an underutilized park in our central city.

As this project progresses, the implementation of these improvements will also include local, Fort Worth based small and diverse businesses providing services which will contribute to capacity building for our corporate community and strengthen the economic viability of our region.

Thank you for your continued efforts on this project that addresses critical long term growth needs for our region. We fully support the proposed modifications to the Central City Project as described in the Modified Central City Project Plan.

Sincerely,

FORT WORTH METROPOLITAN BLACK CHAMBER OF COMMERCE

Devoyd Jennings
President

Additional Proposal Information

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Letter of Support - Streams and Valleys - WRRDA 2015.PDF



August 4, 2015

Mr. Jim Oliver, General Manager
Tarrant Regional Water District
800 E. Northside Drive
Fort Worth, Texas 76102

Dear Mr. Oliver:

On behalf of Streams & Valleys, I am writing in support of the proposed modifications to the Trinity River Vision (TRV) – Central City Project as described in the Upper Trinity River, Central City, Fort Worth, Texas, Modified Project Report and Supplement No.1 to the Final Environmental Impact Statement, April 2008.

The Modified Central City project brings enhanced flood control to a historically economically disadvantaged, aging industrial area. Public improvements foster a walkable, high-density, mixed use neighborhood in our central city — a viable, sustainable alternative to suburban sprawl. The improvements also address critical transportation and flood control needs. Additionally, flood control improvements combined with ecosystem restoration and recreational amenities will revitalize Gateway Park, an underutilized park in our central city.

Fort Worth was named the fastest-growing metropolitan area in the U.S. by the Census Bureau in 2011, proven by an over 39% increase in population in just ten years. The River and Trails systems are critical to our city's growth and our quality of life.

Thank you for your continued efforts on this project that addresses critical long term growth needs for our region. We fully support the proposed modifications to the Central City Project as described in the Modified Central City Project Plan.

With best wishes,

A handwritten signature in blue ink that reads "Stacey B. Pierce".

Stacey Pierce
Executive Director