From:	.gnady@sbcglobal.net
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Buffalo Bayou and Tributaries Resiliency Study (BBTRS) - Public Commer
Date:	Monday, May 20, 2019 9:37:34 AM
Attachments:	image001.png

Hello,

As you consider various flood control options in this study, I ask that you consider this as an opportunity to greatly increase/improve the recreational amenities in and around the Addicks and Barker reservoirs. These reservoirs encompass about 26,000 acres, a massive greenspace in a major urban area and much larger that Memorial Park (1466 acres) or New York's Central Park (840 acres). These reservoirs are located in the Houston Galveston Area Region with a population of ~7.3 mln people, with many more projected over the next 25-50 years. The George Bush, Terry Hershey, Fort Bend Freedom, Cullen Park, Mayde Creek and Addicks Chatterton hike and bike trails in and around the Barker and Addicks Reservoirs, Bear Creek Park, Cullen Park and many natural surface trails are already highly valued natural assets in these reservoirs.

-02

-03

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As you consider new work in the reservoirs, please do so with a view to preserve greenspaces, provide higher elevation alignments for cross reservoir trails, deeper water lakes for fishing, create filtration wetlands, native prairies and removal of invasive species, particularly McCartney's Rose and Chinese Tallow.

Some examples of what could be done relative to trail alignments would be:

- 1. Improving the all weather viability of the Noble Road trail from the George Bush/Barker Clodine trail to Briar Forest & Hwy 6.
- 2. An east-west trail through the Addicks Reservoir from War Memorial or Patterson & N. Eldridge Pkwy to Brittmoore Rd near Hammerly or Kempwood.
- 3. A north-south trail from War Memorial & Clay Rd to West Little York Rd.
- 4. A north-south trail from the Cullen Park trail to Pine Forest Ln just west of the Bill Archer Bark park (crossing Groschke Rd).
- 5. An east-west trail from the existing Fort Bend Freedom Park trail, east along Buffalo Bayou, crossing to the south side of Buffalo Bayou at the existing concrete bridge, then following the proposed Long Point Slough detention basin to the S. Barker Cypress/Westheimer Pkwy intersection (see screenshot below with proposed trail alignment in red and proposed detention basin in yellow).



-04

If you decide to relocate the spillways, please consider building hike and bike trail bridges at least 10' in width from rail to rail over these spillways. For example, if the northwest Barker Reservoir spillway is moved east and flows in the Barker Ditch, this would cross the existing hike and bike trail. A bridge crossing this spillway outlet would allow the continued use of these highly valued trails.

Thank you for the opportunity to comment and please feel free to email or call me at 832-260-5064 if you have questions or need clarification of any of these comments.

Form Letter #1

From:Chancie DavisTo:CESWT-BBTRSSubject:[Non-DoD Source] Barker Flooding RecommendationsDate:Monday, May 20, 2019 2:11:12 PM

May 20, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

Thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on April 30.

I have the following recommendations:

1. Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging.

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs. (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

I would welcome the opportunity to discuss these further with you.

Thanks, Chancie Davis

Form Letter #1

From:	Jerry Vertal
То:	CESWT-BBTRS
Cc:	Jerry Vertal
Subject:	[Non-DoD Source] Buffalo Bayou and Tributaries Resiliency Study
Date:	Monday, May 20, 2019 2:27:11 PM

Dear Sir/Madam,

My wife and I are residents of Harris County, TX. We fully support the recommendations made by the Barker Flood Prevention advocacy group regarding the subject study.

Specifically, we recommend the following:

1. Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions should include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging.

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs. (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

Thank you,

Jerry Vertal jerry.vertal@gmail.com

From:	Robert Stowe
To:	Barker Flood Control; CESWT-BBTRS
Subject:	[Non-DoD Source] Re: Supporters- Call to Action
Date:	Monday, May 20, 2019 2:37:11 PM

O agree with the comments in the letter noted below and recommend no further study expended to expand the current dam structure at Barker Dam.

On May 20, 2019, at 2:04 PM, Barker Flood Control

drfloodprevention@gmail.com> wrote:

Supporters- CALL TO ACTION!

The USACE is soliciting comments from the public regarding the scope of the study, potential alternatives that should be considered, and environmental resources and impacts that should be addressed during the study process. Comments should be postmarked by May 31, 2019 for consideration during the formulation and technical analyses phase. Comments can be provided in one of two ways:

· Submit electronically to: BBTRS@usace.army.mil

· Mail to: USACE, Galveston District, Attn: BBTRS, P.O. Box 1229, Galveston, TX 77553-1229

For additional information on the study, visit: Blockedhttps://www.swg.usace.army.mil/

A letter has been submitted to the Corps on behalf of Barker Flood Prevention (see below). Please feel free to use this submission as a guide for your own correspondence. You may copy the letter verbatim if you wish.

For more information, please visit Blockedwww.barkerfloodprevention.org.

May 16, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

On behalf of the Barker Flood Prevention advocacy group, thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on April 30. We were pleased with the turnout and hope it will yield valuable feedback.

Our steering committee members also attended, and after careful consideration, have adopted the following recommendations:

1. Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging.

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs.

(Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

Barker Flood Prevention has a membership and support base of more than 600 people. We expect that the Corps can rely on this substantial support base in addition to our steering committee and leadership when considering and valuing these recommendations.

We would welcome the opportunity to discuss these further with you.

Yours sincerely,

Marlin Williford and Wendy Duncan Founding Partners Barker Flood Prevention

Steering Committee Members:

John Barrett, David Clark, Libby Clark, Chancie Davis, Susana Dias, Patrick Friend, Tim Miller, James Uhl, Erich Schroeder, Jay Wheeler

No Substantive Comments Identified

From:	johnavoll@comcast.net
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Comment on flood control - water management
Date:	Monday, May 20, 2019 2:56:28 PM

My suggestion is that when think about flood control we should also think about water use and retention. Is there a place to send water where it can be stored and used during the next draught? Flood control is only one aspect of water management.

I very much like to big tunnel idea. Maybe it doesn't have to head to the Galveston Bay and gulf though.

John A Voll

630-300-8328

rom:	Christopher Abel
Г о :	CESWT-BBTRS
Subject:	[Non-DoD Source] Barker Reservoir Flood Study
Date:	Monday, May 20, 2019 3:36:43 PM

May 20, 2019

Galveston, TX 77553-1229 P.O. Box 1229 U.S. Army Corps of Engineers Galveston District Attn: BBTRS

Dear Sir/Madam:

We were pleased with the turnout and hope it will yield valuable feedback. community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on April 30. On behalf of the Barker Flood Prevention advocacy group, thank you for the opportunity to provide

following recommendations: Our steering committee members also attended, and after careful consideration, have adopted the

1. Limit the Barker Reservoir flood pool to the current government owned land

flood tunnel(s), diversion channels, channel improvements and/or bypass 2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include

Reservoir and within the reservoir, including dredging, desilting and de-snagging. Improve and restore channel conveyance and capacity upstream and downstream of Barker

the Cinco Ranch Area.) (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in 4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs

Reservoirs. 5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks

watersheds. overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks 6. Build infrastructure through a combination of viable solutions to manage Cypress Creek

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts

committee and leadership when considering and valuing these recommendations expect that the Corps can rely on this substantial support base in addition to our steering Barker Flood Prevention has a membership and support base of more than 600 people. We

We would welcome the opportunity to discuss these further with you.

Yours sincerely,

Chris Abei

713.444.9008 **Commercial Real Estate** Director

920 S. Fry Rd

Katy, TX 77450

at

Signature

Texas law requires all license holders to provide the <u>Information About Brokerage Services</u> form to prospective clients.

From:Leslie EldredTo:CESWT-BBTRSSubject:[Non-DoD Source] Buffalo Baylou and Tributaries Resiliency StudyDate:Monday, May 20, 2019 4:37:54 PMAttachments:BBTRS Comment Form 1.pdf

Attached is the comment form for the Buffalo Bayou and Tributaries Resiliency Study.

Leslie Eldred 713.492.8791



US Army Corps

of Engineers.

Comment Form Instructions

Buffalo Bayou and Tributaries Resiliency Study Public Information Meeting

Comment Period: April 29, 2019 through May 31, 2019

The U.S. Army Corps of Engineers is in the process of developing the Buffalo Bayou and Tributaries Resiliency Study which includes both Flood Risk Management and a Dam Safety Modification Study (DSMS). The flood risk management will identify and evaluate alternatives to reduce flooding upstream of the Addicks and Barker Dams as well as below in the Buffalo Bayou watershed. The DSMS will identify and evaluate alternatives to address Phase II measures of the Dam Safety Modifications on Addicks and Barker. Public input is especially needed regarding alternatives to consider.

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Place Stamp Here

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229



Public Information Meeting

US Army Corps of Engineers®

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

We were affected by Hurricane Harvey and our home took on just over 12" of water due to Cypress Creek flooding. Our home was not in a flood plain, and wasn't even close to one. As a result of this, and the fact that nothing in the area had flooded to our knowledge at any point in the past, we did not have flood insurance. I realize that Hurricane Harvey was a storm like no other, and one that will hopefully never happen again. However, I do think it makes sense for this issue to be studied. With all of the studies going on, why not look at this area as well?

-01 Cypress Creek is a rural creek that is trying to do an urban drainage job - and failing! Since Harvey, we now get 6" of rainfall and the creek rises drastically. If we insist on burdening this creek more, the flooding along Harris County's longest stream and largest watershed with only worsen. Please use this opportunity to explore all of the issues that occurred during Harvey. Thank you for taking time to read my thoughts.

me mbre_Leslie Eldred			Affiliation Afiliación		
dress ección de Envío <u>18507 Arlan Lake Drive</u>					
dad _Spring	State Estado	_TX		Zip Code Código Postal	77388
nail rreo Electrónico <u>leslie</u> kay9@outlook.com_					
Additional in	formatic	n can h	e found at:		

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

No Substantive Comments Identified

From:Michelle SalvantTo:CESWT-BBTRSSubject:[Non-DoD Source] BBTRS CommentsDate:Monday, May 20, 2019 6:44:21 PM

Never had Memorial Hills which backs up to Cypress Creek flooded before Harvey in 50 years. Situated on 1960 between Hardy Toll Road and Aldine Westfield. It's in zip 77073. I never want my house to flood again nor have to endure another high water rescue. Please do something to secure our safety. Thank you, Michelle Salvant

Kelly Tate
CESWT-BBTRS
kdtate7
[Non-DoD Source] Projections for Brays Bayou
Monday, May 20, 2019 9:57:47 PM

Good evening,

-01

I just attended Brays Bayou Association's Town Meeting tonight. We were asked to email our comments on your proposals. My recommendation is to make sure you look at each reservoir, watershed and bayou as a stand alone and do what is best to make sure each and every neighborhood is safe from flooding. I believe the underground tunnels is a go, as long as it does not feed from one water retention area into another. Please do not "rob Peter to pay Paul". This mentality will hurt us all in the long run. Thank you for allowing me to share my voice with you.

Kelly D. Tate 281-620-8553 Resident of Maple Wood West

Form Letter #1

From:	Rick Wolfe
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Recommendations for the Barker and Addicks Reservoirs
Date:	Monday, May 20, 2019 11:35:55 PM

May 20, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

I would like for the Corps of Engineers to adopt the following recommendations for the Barker and Addicks Reservoirs :

1. Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions I support include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging.

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs. (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

I would welcome the opportunity to discuss these further with you.

Yours sincerely,

Rick Wolfe

20M1

Comment #: ES87

-01

Public Information Meeting

US Army Corps of Engineers«

<u>Comment Form (Formulario do Comentarios Escritos)</u> Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

Exposure and Valuerability tocus An stream in Katy Pravie developed nother. to and/or recreate natural retention ca Dal maser area

Water Conver 1Salus tunnels to rente prive water Conveya Houston Lervoir Rast 01 -02 so taut the Ulio huch bou eliminate area The channel improve Ħ alevan Houn Beltway and Downtown bee orowship 1000 fer' ð with OTTO NOD OGALIN Adddes Dalies and redetur storele Capacity, Corased Timbredite + in la a er Her Tangelle 100 hew Name Affiliation TRIEDHEL R JUDANN LUENING Nombre Afiliación Adaress Dirección de Envío 12473 HONEY WOOD TRAIL City Zip Code HOUSTON State 77077 7XCiudad -Estado Código Postal E-mail FLUENING & MAC. COM Correo Electrónico

Additional information can be found at:

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

From:Jack McClureTo:CESWT-BBTRSSubject:[Non-DoD Source] Flood feedbackDate:Tuesday, May 21, 2019 8:28:36 AM

-01 I suggest we dredge and channelize Buffalo Byou form Highway 6 to the ship channel. River Oaks must be made to deal with channel widening through their area. Get the water moving no grandfather protection.

Jack McClure Katy, Texad

From:	John Barrett
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Comments on Buffalo Bayou and Tributaries Resiliency Study
Date:	Tuesday, May 21, 2019 8:47:46 AM

Date: 5-21-19

From: John Barrett

4319 Perdido Bay Dr.

Katy, TX 77450

To: United States Army Corps of Engineers (USACE)

Thank you for hosting the scoping meeting on April 30 for the Buffalo Bayou and Tributaries Resiliency Study and for the opportunity to submit comments. Those of us who were flooded by Harvey are very interested in the final solutions and appreciate the work being done by the USACE. If not already part of your study, I ask that you please consider the following:

The USACE purchased land to approximately 95' elevation for Barker Reservoir. Since then, homes, businesses, schools, whole communities have been built around the reservoir outside the 95' elevation boundary. Now that this land is developed, Barker Reservoir capacity should be limited to the 95' elevation owned by the Corps. The emergency spillways should be reset at 95' to prevent flooding around the reservoir. This will also provide a higher safety factor for the dam. If more storage capacity is needed, there are other alternatives, including excavation and additional reservoirs.

When the USACE studied flood solutions years ago, engineers saw the need for more flow capacity downstream of Barker and Addicks. Drawings show a separate channel to the bay, bypassing Buffalo Bayou. Some type of solution to accomplish this must be part of the overall plan. Another way to release water from Barker Reservoir at a higher flowrate will reduce the need to store water and will help alleviate problems in Buffalo Bayou downstream of the dam.

I realize the Corps will prepare a cost-benefit analysis of the alternatives. Over 9,000 homes and multiple businesses and schools were flooded upstream of the reservoirs during Harvey. This was caused by storing water beyond government owned land. The combination of alternatives listed above will help prevent that from happening again and will help reduce flooding downstream.

I am certain the Corps will consider all these alternatives together, as they do not appear to be independent remedies, and it doesn't make sense to flood one group of people to prevent flooding somewhere else. The combination of solutions must include sufficient collection of water in a place where it will not damage property, combined with a discharge channel or tunnel capable of moving water safely to the bay without flooding property along the way.

Our house is finally rebuilt and our neighborhood is coming back to life. It's taken a long time to recover, but it's starting to feel like home again. My neighbors are united in finding solutions and support to protect our homes. We all realize this is a big task, but that is why the Corps must be the ones to come up with the plan. Please let me know is there is any way I can help.

Thank you for your consideration.

John Barrett 4319 Perdido Bay Dr. Katy, TX 77450 Cell: 281-224-4626

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Greetings all:

My name is Michael Chan and I live at 2718 King Point View Ln. Spring, TX 77388

My home is in a near the edge of 500 year floodplain, but we flooded during Harvey.

Blockedhttps://photos.app.goo.gl/7DOyo7VZEfHv81BJ2

-01 Any study that affects Little Cypress Creek will eventually affect people downstream (Cypress Creek and the rest of people in Spring area) and we need to be included in that study.

Thanks!

Michael Chan

SQL Server Platform Architect Dell EMC | Dell Consulting Practice EMCTA*e*, CompTIA Security+, VCP 5.5, 5, 4.1 MCITP: DBA SQL, CiRBA, CCSA, CDP, BCSD, MCSE, RHCT office + 1 281 404 5583, cell + 1 281 630 8204

From:	Janet Beall
То:	CESWT-BBTRS
Subject:	[Non-DoD Source] Water diversion
Date:	Tuesday, May 21, 2019 1:14:57 PM

I am responding to the solution and proposal to address flooding by The Army Corps of Engineers to mitigate flooding in the Addicks Dam.

As a concerned citizen who

Lives near Cypress Creek and seen first hand the damage caused and disruption of lives with the onset of Hurricane Harvey. As depicted on page 16 of attachment, one of the proposals to minimize water into the Addicks area is to erect a berm or levee south of Cypress Creek in the western part of Harris County. This levee would prevent waters spilling out of Cypress Creek from flowing south to Addicks as they have always done. With the levee in place all the flood waters would be contained in the Cypress Creek watershed. This means water for us.

Cypress Creek is a rural creek and adding more water to this with the proposal of a levee diverting water meant to flow toward Addicks Dam would make our area flood even more.

What I propose is to add tunnels which would divert the water and widen areas and granted this would be expensive, I would be willing to pay more in property taxes by preventing another Harvey flood scenario. Sincerely, Jan Beall Spring Texas

Sent from my iPhone

From:	Ann May
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Buffalo Bayou and Tributaries Resiliency Study Comments
Date:	Tuesday, May 21, 2019 1:44:42 PM

1. Please do not rely on averages of past events (e.g. amount and duration of rainfall) when planning measures to handle future rainfall events. I think you should design to account for Hurricane Harvey as the baseline, and add a cushion. We have no idea how much future events will be.

2. Please read the story about Frank Gehry, in May 2019 Wall Street Journal Magazine. It's about creating a sprawling master plan to reimagine the L.A. River—and solve an

infrastructural problem that has vexed the city for generations." "Gehry envisions adding parkland and platforms to come sections, transforming the river into a vibrant public space." Please consider some creative solutions like this. Unfortunately, the article relates that the disaster in 1938 flood "prompted the Army Corps of Engineers to fix the river in place by paving its entire length with 3.5 million barrels of concrete, creating the world's longest rain gutter. "

<u>Blockedhttps://www.wsj.com/articles/at-90-frank-gehry-is-juggling-more-than-ever-11556109269?</u> mod=searchresults&page=1&pos=4

FEATURE At 90, Frank Gehry Is Juggling More Than Ever

By Tony Perrottet

April 24, 2019 8:34 am ET

-Ann May 11846 Castle Ridge Dr. Houston,TX 77077 <u>Abmay11@gmail.com</u> 713-502-7528

-02

-01



Memorial Drive Acres Section I, HOA

14027 Memorial Dr. #196 Houston, TX 77079-6826 www. Memorialdriveacres.com

May 21, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

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On behalf of Memorial Drive Acres Section 1, Homeowner's Owners Association, thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on May 2 at St. John Vianney Catholic Church. We hope it will yield valuable feedback.

- -01 1) Increase the storm water storage capacity in the Barker and Addicks Reservoirs through select excavations. For example, a 737-acre project that has been presented to the Corps located east of the Canyon Gate community in the Cinco Ranch Area.
 - 2) Effectively manage the release rates and conveyance out of the Barker and Addicks Reservoirs to not structurally and emotionally impact downstream property owners. Solutions we support include flood tunnel(s), diversion channels, channel improvements, bridge raising and bypasses.
- -03 3) Improve and restore channel conveyance and capacity downstream of Barker and Addicks Reservoirs and within both reservoirs, including dredging, desilting and de-snagging.
 - 4) Add intermediate detention/retention capacity upstream and downstream of Barker and Addick Reservoirs, and,
 - 5) Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

Memorial Drive Acres Section 1 HOA has a membership and support base of 117 family dwellings east of State Highway 6 between I-10 (Katy Freeway) and Buffalo Bayou. We expect that the Corps can rely on this support base when considering and valuing these recommendations.

Sincerely,

Kurt A. Nelson, Treasurer Member of Board of Directors

May 21, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

Thank you for the opportunity to provide input to the Buffalo Bayou and Tributaries Resiliency Study. As victims of the Barker Reservoir over-fill/flood during Hurricane Harvey we are encouraged to know the Corps of Engineers is taking an active interest in preventing a reoccurrence of this catastrophe and pray it will be successful and a future flood(s) will never be permitted to occur.

We are members of the Barker Flood Prevention advocacy group and support the following recommendations:

- Limit the Barker Reservoir flood pool to the current government owned land.
- Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include:
 - o flood tunnel(s),
 - o diversion channels,
 - o channel improvements and/or bypass.
- Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including:
 - o Dredging
 - o Desilting
 - o De-snagging.
- Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs.
 - (Example. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)
- Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.
- Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.
- Do not increase the Barker Reservoir flood pool by extending spillways.
- Do not destroy our existing neighborhoods, schools and businesses via large scale buyouts.

Sincerely,

Joseph M. Colquitt 4610 Drake Falls Ct. Katy, Texas 77450 281-799-3441 jmcolquitt@aol.com Gean E. Colquitt 4610 Drake Falls Ct. Katy, Texas 77450 281-799-1736 jmcolquitt@aol.com



-01

Public Information Meeting

US Army Corps of Engineers®

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

We live in the Brays Bayon watershed. Our subdivision Meyerland is ground zero for the flooding in Houston. The tunnels would be terrific. The diversion points placing, storm water in Brays that pravious flowed into Buffad is absolutely unacceptable to the Brays water shed residents. How can the Brays watershed additional meshicked flow. Project Breys is Duly intended to provide relies for what is currently flowing in thus the reason the out flows from our streets and neighborhoods are not allowed to be increased unless there is some mitication Defset. We appreciate your essorts, but Meving water streets and buffall to be for your essorts, but meving water from Buffall to be grays Bayon is net an acceptable option.

Million R. Gample One S. Sam 22/2019 William R. & Alice G. Gamble Affiliation Afiliación Name Homeowners Nombre Address Dirección de Envio 5118 Queensloch Dr City Código Postal 77096 Zip Code State Houston Estado TX Cludad E-mail Correo Electrónico Wrgamble711@aol.com Additional information can be found at: https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

From:	Paul Cerone
То:	CESWT-BBTRS
Subject:	[Non-DoD Source] Addicks Dam Proposal
Date:	Wednesday, May 22, 2019 7:09:49 AM

To whom it may concern:

The information I'm receiving on the proposals to mitigate flooding in the Addicks Dam area indicates flood issues would get worse for Cypress Creek residents. This assumes the proposal to erect a berm or levee south of Cypress Creek is adopted and would prevent waters spilling out of Cypress Creek flowing south to Addicks. Thus resulting in more water staying in the creek. Is that the case or is the information I'm receiving on the topic inaccurate? Are there other mitigation plans for Cypress Creek that would alleviate the downstream issues? As a homeowner in the Champions area I have concerns over potential flood damage to our community in the future.

Thanks

Sent from my iPad

This email may contain information that is confidential, private, proprietary, or otherwise privileged and is intended exclusively for the person(s) to whom it is addressed. Unauthorized use, retention, distribution or copying is strictly prohibited and may be unlawful. If you are not the intended recipient or their designee, please notify the sender immediately by return email and delete all copies. ***Coverage cannot be bound, altered or cancelled via a request by email without verification or confirmation from a licensed representative.

From:	Lynn Wilkinson
То:	CESWT-BBTRS
Subject:	[Non-DoD Source] Barker Flood Control
Date:	Wednesday, May 22, 2019 3:34:22 PM

05/22/2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

On behalf of the Barker Flood Prevention advocacy group, thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on April 30. We were pleased with the turnout and hope it will yield valuable feedback.

Our steering committee members also attended, and after careful consideration, have adopted the following recommendations:

1. Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging.

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs. (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways.

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

Barker Flood Prevention has a membership and support base of more than 600 people. We expect that the Corps can rely on this substantial support base in addition to our steering committee and leadership when considering and valuing these recommendations.

Sincerely, *Lynn F. Wilkinson* CMC, CMIS, CMOM 19751 Twin Canyon Ct Katy, Tx 77450-8811 Cell 713-562-5831

PRIVACY NOTICE: This email may contain confidential information protected by State and Federal Law. Please destroy if received in error. Thank You!

From:	Bill Gamble
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Comment Form for Buffalo Bayou and Tributaries Resiliency Study
Date:	Wednesday, May 22, 2019 5:43:27 PM
Attachments:	Comment Form from William R & Alice G Gamble 05-22-2019.pdf

Please see attached comment form. Thanks for your consideration of our comments!



Public Information Meeting

US Army Corps of Engineers®

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

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William B. Gamble ani G. Gruble 05 2019 Name William R. & Alice G. Gamble Affiliation Homeowners Nombre Afiliación Address Dirección de Envío 5118 Queensloch Dr City State Zip Code Houston Estado TX 77096 Ciudad Código Postal -E-mail Correo Electrónico Wrgamble711 Caol.com

Additional information can be found at:

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/



US Army Corps

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Comment Form Instructions

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USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Place Stamp Here

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229 From:Hank WenzlerTo:CESWT-BBTRSSubject:[Non-DoD Source] Fort Bend County Flood Response (Barker Flood Prevention Group)Date:Wednesday, May 22, 2019 7:45:46 PMAttachments:May 16.docx

Dear Sir/Madam,

The above insert is my response to action requested by the Barker Flood Prevention Group.

Sincerely,

Henry R. Wenzler

hwenzler3@sbcglobal.net <<u>mailto:hwenzler3@sbcglobal.net</u>>

May 16, 2019 U.S. Army Corps of Engineers Galveston District

Attn: BBTRS

P.O. Box 1229

Galveston, TX 77553-1229

Dear Sir/Madam:

On behalf of the Barker Flood Prevention advocacy group, thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on April 30. We were pleased with the turnout and hope it will yield valuable feedback.

Our steering committee members also attended, and after careful consideration, have adopted the following recommendations:

Limit the Barker Reservoir flood pool to the current government owned land.

2. Increase conveyance out of the Barker and Addicks Reservoirs. Solutions we support include flood tunnel(s), diversion channels, channel improvements and/or bypass.

3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and within the reservoir, including dredging, desilting and de-snagging

4. Add capacity within Barker and Addicks Reservoirs through select excavation in the reservoirs. (Ex. 737-acre project that has been presented to the Corps located due east of Canyon Gate in the Cinco Ranch Area.)

5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.

6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

7. Do not increase the Barker Reservoir flood pool by extending spillways

8. Do not destroy existing neighborhoods, schools and businesses via large scale buyouts.

9. While the above comments cover most of the efforts needed NOW, I wish to add some comments of my own. Studies: How many times has the Corps studied these same problems, it is time to get on with the solutions necessary to solve the flooding issue. Also, since these problems exist and now seem to have come to the public's attention, why has nothing been done in the past 70+ years since the dams were built. You have county agencies willing and able to undertake these dredging and desilting projects, but all you can do is fight over permits and other admin details that are useless. Get it on!! The counties have the funds for the work that is needed. You need to get on it before the politicians get their hands into the pie!

Barker Flood Prevention has a membership and support base of more than 600 people. We expect that the Corps can rely on this substantial support base in addition to our steering committee and leadership when considering and valuing these recommendations.

We would welcome the opportunity to discuss these further with you. Yours sincerely,

Henry R. Wenzler 3510 Hunstanton Ct. Katy, TX 77450

We had three feet of water in our home thanks to not opening the gates soon enough!

From:	Stephen Hinson
То:	CESWT-BBTRS
Subject:	[Non-DoD Source] BBTRS comments
Date:	Wednesday, May 22, 2019 7:51:44 PM

This is a long overdue study and I'm happy to see it making some progress, but also a bit frustrated that it took the historic devastation of Harvey for it to finally be taken seriously.

I would like to submit a couple comments in relation to the materials presented for the public scoping meetings:

1. There seems to be somewhat of a mismatch in the process and communication to the public, in that the communication was primarily to the residents with the Buffalo Bayou watershed, but the study is considering solutions that could impact those in neighboring watersheds. While the material indicates that impact analysis will be done for Brays and White Oak Bayous, it does not seem that those stakeholders have been included in the discussion/communication. This seem in conflict with the listed opportunity to "increase public awareness and education".

2. Similarly, the inclusion of diversion as a possible solution seems worrying for several reasons. HCFCD and CoH have long held that no new inflows can be added to the bayou without a corresponding offset created from increasing detention capacity. This is not identified in the materials and Alt #5-C2 shows diversion as a standalone option with no combination with storage (such as Alt#8, which seems like the only place that diversion should be considered). This seems in conflict with the listed constraint of "no unmitigated adverse impacts"

-03 3. It is unclear why diversion options for Sims bayou have been included, which is completely outside of the scope boundaries (i.e. not even listed for impact analysis).

4. Finally, I worry that the inclusion of certain diversion options creates an even worse dilemma for the USACE during future event, where rather than struggling with a decision about whether or not to make a release with devastating impact to residents downstream, they could now be faced with making a "winners and losers" decision about which watershed do they choose to release into. This would likely affect residents in lower income areas more negatively, as certainly any decision would be based on potential cost impact (i.e. higher priced homes and businesses) rather than any criteria that residents might consider as "fair" (even things like the number of people or dwellings impacted would be difficult to get people to agree on). Considering options such as these, that would create the appearance that someone from the USACE could pick "winners and losers" during future flood events, seems like a risk that should be more clearly articulated in the study criteria/analysis, so that the all potential impacts (i.e. future litigation) will be included.

Thank you for the opportunity to comment.

Regards, Stephen Hinson 4425 Willowbend Blvd Houston, TX 77035

-01

-02

-04

From:Kelly TateTo:CESWT-BBTRSCc:kdtate7Subject:[Non-DoD Source] Public Information ResponseDate:Wednesday, May 22, 2019 9:31:24 PMAttachments:KT_PUB INFO_MTG.PDF

Please find attached my comments to the Buffalo Bayou and Tributaries Resiliency Study. Thank you again for allowing me to share my thoughts



Public Information Meeting

US Army Corps of Engineers

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

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	To laborar at mare Concord:
	- Latended last night a low mon vina with
	the brans banky appointion, my recommendation.
	is to make sure you look at each resolution
01	for each reservoir, water shed and haven as
01	a stand alone. Hease make sure you look at what
	is best to make sure each and every nighborhood
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02	on the lesser of two ents, re; consaring how
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Additional information can be found at: https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

Comment #: ES102

Kitty Kenyon 1914 Mission Springs Dr. Katy, TX 77450

USACE U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

I am a member of the Barker Flood Prevention advocacy group. In addition to their comments, I would like to offer mine or reiterate their suggestions but with comment.

- 1. Limit the Barker Reservoir flood pool to the current government owned land. This is extremely important unless the government intends to do a buyout of properties below a certain elevation.
- 2. Increase conveyance out of the Barker and Addicks Reservoirs. This is also extremely important however, I would not like to see other measures delayed just in order to accomplish these major projects. (i.e. delay of desilting etc)
- 3. Improve and restore channel conveyance and capacity upstream and downstream of Barker Reservoir and with the reservoir (dredging, desilting, and de-snagging) **It has been almost 2 years since Harvey and this has yet to be done**. We live very near Mason Creek and there is a large amount of sand that has been deposited and will severely hamper future flow into Barker. This will create flooding upstream next time we have a storm.
- 4. Add capacity within Barker and Addicks reservoirs through select excavation in the resevoirs. DO IT NOW!
- 5. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs. Total agreement.
- 6. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.
- 7. **DO NOT** increase the Barker Reservoir flood pool by extending spillways. This just backs water up further behind reservoir.

Form Letter

-01

8. I might be in favor of large scale buyouts of those that live below flood mark of Barker Reservoir and have been flooded several times. Only after the options above have been implemented.

-02

The bottom line is that there are several action items that can be implemented sooner rather than later and haven't been. There does not need to be two years of study to begin improving the conveyance channels and adding capacity to the current reservoirs. I also believe that controlled release of flood waters should begin sooner rather than later in the event of a major flood event.

Thanks for your time and attention.

Sincerely,

Kitty Renyon

Kitty Kenyon

MEMORIAL SUPER NEIGHBORHOOD COUNCIL A Texas Non-Profit Corporation

14303 Cindywood Drive Houston, Texas 77079

May 22, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

On behalf of the Memorial Super Neighborhood Council, thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study meeting held on May 2 at St. John Vianney Catholic Church. We hope it will yield valuable feedback.

After careful consideration, our delegation has adopted the following recommendations:

- -01 1. Increase the storm water storage capacity in the Barker and Addicks Reservoirs through select excavations. For example, a 737-acre project that has been presented to the Corps located east of the Canyon Gate community in the Cinco Ranch area.
- -02 2. Effectively manage the storm water release rates and conveyance volume out of the Barker and Addicks Reservoirs to not structurally impact downstream property owners. Solutions we support include flood tunnel(s), diversion channels, channel improvements, bridge raising and bypasses.
- -03 3. Improve and restore channel conveyance and capacity downstream of Barker and Addicks Reservoirs and within both reservoirs, including dredging, desilting and de-snagging.
- -04 4. Add intermediate detention/retention capacity upstream and downstream of Barker and Addicks Reservoirs.
- -05 5. Build infrastructure through a combination of viable solutions to manage Cypress Creek overflow to prevent Cypress Creek runoff from adversely impacting the Barker and Addicks watersheds.

The Memorial Super Neighborhood Council has a membership and support base of thousands of residents living east of St. Highway 6 between I-10 (Katy Freeway) and Buffalo Bayou in the City of Houston. We expect that the US Army Corps of Engineers can rely on this substantial support base and leadership when considering and valuing these recommendations.

We welcome the opportunity to discuss these recommendations further with you.

Sincerely,

Randall L. Johe

Randall L. Jone President
cc: U.S. Congresswoman Lizzie Fletcher, Texas Congressional District 7 Texas Lt. Governor Dan Patrick Texas State Senator Joan Huffman, District 17 Texas State Representative Jim Murphy, District 133 Mayor Sylvester Turner, City of Houston Councilmember Greg Travis, City of Houston District G Harris County Judge Lina Hildago Harris County Precinct 3 Commissioner Steve Radack Russ Poppe, Executive Director, Harris County Flood Control District Executive Committee, Memorial Super Neighborhood Council

Comment #: ES104

5/22/2019 Dear Sirs, Alease reconsider a herm or ferre south of Cyress Greek in western Harris Countylypress Greek gave up more flood water dering Hakeny. We had 5to 6 feit of water. This fever would give us addesited water. -01 Please finite a nother solution as we need to find a way to reduce water not and more to Cypress Carek. Sincerely, Bose Mary Smith 337 Champions Colony III Houston, TX 77669

7907 Aleta Drive Spring, Texas 77379 May 22, 2019

To Whom It May Concern;

I live in the Spring-Klein area and I am concerned about the future plans for Addicks Dam and Flood Control in Harris County. Because of Cypress Creek certain streets in our area had severe flooding and damage during Harvey. Furthermore I remember some years ago when water backed up in the streets of my subdivision and I know that this could happen again and in a most severe way.

I ask you to consider the areas north, northwest of the city of Houston, which might be put in harms way when planning for a particular problem south of them. I ask you to broaden the scope of your flood planning and secure safe plans for all citizens of Harris County, including those in the Cypress Creek area.

Thank you,

uley arsel

Shirley Varsel

My husband and I have been resedents of Harris County for Ho plus years. My Rusband, Charles Varsel, Jully agrees with the above statement,

-01

No Substantive Comments Identified

From:CharlotteTo:CESWT-BBTRSSubject:[Non-DoD Source] IMPORTANT READ: CONCERNS LOCFDate:Thursday, May 23, 2019 9:20:30 AM

I was one who flooded during Harvey because of the water backing up and the overflowing of Cypress Creek.

There must be way to clear out Cypress Creek and Addicks when too much water

comes as a result of a Hurricane or some other force of nature.

Doing anything that would purposely cause damage to property and or loss of life is wrong.

From:	Phillip J Allan
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Buffalo Bayou
Date:	Thursday, May 23, 2019 1:19:51 PM

-01 Take a look at what Los Angeles has done with the L.A. and Santa Ana rivers. We need to increase the size of our bayous substantially.

thanks

Phil Allan RE/MAX Northwest 281-894-8300 ext. 209 cell: 281-734-7887 From:Dorsey HomeTo:CESWT-BBTRSSubject:[Non-DoD Source] Buffalo Bayou and Tributaries Resiliency StudyDate:Thursday, May 23, 2019 1:42:02 PMAttachments:Comment Form Brays WaterShed.pdf

To Whom It May Concern:

Please see my attached comments.

Thank you, Patricia Dorsey BVWCA, VP Neighborhoods To Trails SW Blockedwww.neighborhoodstotrails.org <Blockedhttp://www.neighborhoodstotrails.org>



-01

-02

Public Information Meeting

US Army Corps of Engineers®

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

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Thank you for the opportunity to comment on the proposed study. First, I think we still need to examine the former Ruffino Hills property which has completed studies indicating that no hazardous waste was put there. If this property were used for detention, it would offset flooding in the Brays watershed. I am not in favor of tunnels that could possibly water from Buffalo Bayou to Brays Bayou. I think a 30 year+ construction project is too long for the area. Ruffino Hills property could be a much shorter project alleviating flooding much sooner. Two weeks ago, we had a rainfall of 10-12 inches. Keegan's Bayou came out of its banks at Roark Road. Streets in Braeburn Valley West were flooded. Folks could not get in or out of the neighborhood. How many more times do we need to have this happen? Thankfully, no home was flooded, but it creates enough worry that a more feasible, short-term project is warranted. I vote for Ruffino Hills detention pond!!!

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Comment Form Instructions

Buffalo Bayou and Tributaries Resiliency Study Public Information Meeting

Comment Period: April 29, 2019 through May 31, 2019

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- 1

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

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USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

From:	Carol Burns
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Subject: Buffalo Bayou and Tributaries Resiliency Study
Date:	Thursday, May 23, 2019 4:05:46 PM
Attachments:	BraysBayou.pdf

Please see attached my comment form for the above issue. Please note this page was emailed to you today, May 23, 2019.

Thank you

Carol Burns



US Army Corps of Engineerse

Public Information Meeting

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" Do not make any plans which	1
will add anymore water under any	
Circumstances to the Brays Bayou	
watershed !	
	10-
Name Paul+Guol Burns Affiliation resident	
Address Dirección de Envío 5235 IMOGENE STREET	
City HOUSTON State TX Zip Code 77096 Ciudad HOUSTON	
E-mail Correo Electrónico <u>Clburns 53@ Comcast. net</u>	hang ting the state of the stat

Additional information can be found at: <u>https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/</u>

To whom it may concern,

Please find attached a comment form in regards to the Buffalo Bayou and Tributaries Resiliency Study.

Thank you.

Nicholas J. Pieper, CPL

EP Energy E&P Company, L.P.

1001 Louisiana Street

Houston, Texas 77002

(713) 997-4888

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Public Information Meeting

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PLEASE DO NOT MAKE ANY PLANS WHICH WILL ADD ANY MORE WATER UNDER ANY -01 CIRCUMSTANCES TO THE BRAYS BAYOU WATERSHED! MY 4 AND 6 YEAR OLD KIDS ARE STILL TORMENTED BY OUR HOUSE FLOODING DURING HARVEY AND HAVING TO EVACUATE IN THE MIDDLE OF THE NIGHT BY BOAT. WE ARE SO GRATEFUL FOR PROJECT BRAYS AND DONT WANT ANY OPPORTUNITY FOR ADDITIONAL WATER TO ENTER THE BRAYS BAYOU WATER SHED TO BE CONSIDERED. PLEASE, PLEASE REJECT THIS PROPOSAL THAT WILL ENDANGER **OUR FAMILIES AND HOMES!**

MEYERLAND HAS FLOODED SUBSTANTIALLY 3 TIMES IN THE LAST 5 YEARS. PLEASE DON'T **HELP CONTRIBUTE TO ANOTHER!**

Name Nicholas J. Pieper Nombre -

Affiliation Afiliación

Direcciór	n de Envío5139 Loch Lo	mond Drive		
City Ciudad –	Houston	State Texas	Zip Code Código Postal <u>77096</u>	
E-mail	lectrónico Nicholas.Pieper	<pre>@EPEnergy.com</pre>		

Additional information can be found at:



Comment Form Instructions

Buffalo Bayou and Tributaries Resiliency Study Public Information Meeting

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- 1

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Place Stamp Here

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229 Received 23 May 19, by mail.

Jep Pate 18502 Arlan Lake Dr Spring, TX. 77383

USACE **Galveston District** Attn: BBTRS **PO Box1229** Galveston, Texas 77553-1229

Re; Cypress Creek Flood Study

Gentlemen:

I am concerned that consideration of construction of a dam or levee to keep water in Upper Cypress watershed from flowing into Addicks/Barker Dams is under way. This would prevent waters spilling from Cypress Creek Basin from flowing South into Addicks Reservoir as it has always in the past. As a result this would cause more flooding potential in Cypress Creek unless compensating storage detention ponds are constructed to mitigate additional flood damages. In addition to additional storage I recommend that areas in the Katy prairie be -02 reserved to act as an additional flood mitigation measure.

Construction of a levee in Upper Cypress watershed will worsen an already bad situation unless compensating measures are taken in the form of storage detention areas and reservation of the Katy prairie areas for storage of excess storm water in Cypress Creek.

Very truly yours

Jep Pate

CC:

HCFCD

Harris County has Commissioner R. Jack Cagle

HCWCID No. 110

n an an the second s

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5209 Jessamine St Bellaire, Texas-77401 May 23,2019

USACE GALVESTON DISTRICT Attn: BBTRS P.O. Box 1229 Galveston, Texas 77553-1229

BBTRS,

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Ref: Comment on how to solve the flooding on Brays Bayou Watershed. Ref: "The Sebesta Solution" for Brays Bayou

I am including a copy of the "Sebesta Solution" that was submitted to HCFCD as a potential solution for solving the flooding on Brays. I must point out that on April 22, 2019 I attended the kick-off meeting with HCFCD to do a feasibility study for this approach. It was not easy to get HCFCD to consider this approach because Mr. Russ Poppe and Mr. Alan Black are very antipump. It required a political solution to get them to consider this approach. By Political solution I contacted the County Judge and the four Commissioner and recommended they replace Mr. Poppe or educate him that by properly specifying a high quality pump, pumps can be reliable. Note: a properly specified pumps and control system is super critical to making this system reliable. The final layout and design must have the ability to periodical exercise the pumps otherwise we can find ourselves in trouble during a flood condition. Pumps need to be powered by diesel or natural gas fired engines to make sure they are available during a flood or hurricane situation.

-01 The Sebesta Solution should be combined with adding more detention on the Bayou and also increasing the width of the Bayou. I see where a lot of dollars are proposed for buyouts, increasing bayou width and raising bridges over Bray. I would think that by increasing the velocity of the water in the bayou you could reduce this cost. It may be more cost effective to take this money and apply it to pumps and solve the flooding problem.

A lot of interest and studies have been devoted to building tunnels to move more water to the bay. I would suggest that we look at large diameter pipelines to accomplish this. The pipelines could be fabricated from plastic pipe and buried in the bottom of brays bayou or in the banks of Brays To move the required water quantities would require installing pumping station along the route to obtain high velocity. The high velocity would scourge the pipeline eliminating the

concern of build-up in a tunnel. Note: if the study of the Sebesta solution indicates we cannot move sufficient water in Brays, it may be wise to install a small pipeline in this route to move the required water flow. I also think that a pipeline would work better running through areas with a high water table or unstable ground. The soils in the gulf coast are not very suitable for tunnel construction.

Once we overcome the resistance to using pumps we can now considering using pumps to move water via a channel in the power line easement that runs along the railroad track. This channel could be used to move water from Brays to Sims and vis verse. It there is too much

-04 resistance to this approach then this channel could be used to move water from Brays to detention ponds in an more affordable and undeveloped area. Jefferson Parish in Louisiana uses a large diameter pipeline in their "Pump it to the River" flood control project. It is my understand this system uses two pumping stations along he pipeline to transfer water out of the Parish. The Louisiana Project on the St Johns Floodway is more comparable to Brays Bayou in the terms of size of the pumping station and the amount of water that needs to be moved.

One important option that is available for building the large pumping station near the ship channel, it allows considering building the pumps and control building as modular construction. This would allowing using modules built anywhere in the world. The closure gate could be built as a modular swing gate barge and have some pumps built into the barge. I need to also point out the by increasing the height of the flood gate and any levees required to prevent back-flow, we can address future ocean level rise.

When you build in swamp you have to drain the swamp. The best way to do it is with pumps.
The Dutch have been very successful at draining the swamp and their swamp's starting point is below sea level.

I am available to discuss my solution.-713-302-4513.

Sincerely yours,

Daniel .Sebesta, a retired Professional Engineer with years of pump experience

-05

THE SEBESTA SOLUTION HOW TO SOLVE THE FLOODING ON BRAYS BAYOU?

A real engineering solution to the Brays Bayou flooding issue. It is a very simple solution increase the flow velocity of the water. To increase the flow velocity, you need to increase the out flow of Brays into the Houston Ship channel. To do this you would build a flood gate at the outlet of Brays that could be closed when the level in Brays will experience flooding conditions. This flood gate plus a huge bank of big pumps that would pump out the bayou upstream of the closed flood gate. By lowering the level of brays at this point we have increased the hydraulic head (gradient) of the water in Brays. We now have converted Brays from a lazy flowing tide restricted bayou to a stream that could potentially become a white water stream. Since total water flow is a function of water velocity times cross section of flow area, therefore increased the velocity. Being we have eliminated the tidal effect on Brays we can now also dig the bayou deeper to increase the cross sectional area (provided we do not have excessive intrusion of ground water). We can also close the flood gate at the early stage of a big rain event and create a huge detention volume by firing up the pumps and pumping down Brays Bayou.

Q= A x V Q= flow, A= Cross section area of stream, V = Water velocity HCFCD current approach is to try and increase the cross section area, which is very difficult to do because of all the structures along most of our bayous. Increasing the velocity can be accomplished by building a flood gate on the bayou near the outflow and pumping down the level of water upstream of the closed flood gate. This approach creates a gradient slope on the bayou. This could be compared to a white water kayaking course that has a large gradient to create extreme velocities.

For naysayers about using pumps, just drive down to Texas City to see this approach in use. Texas City uses 8 screw pumps to protect their city during hurricanes or flooding rains. Texas City did not have a single death from flooding during Harvey, compare this to Harris County deaths.

We also need to look to our east where Jefferson Parish solved the flooding with the Project "Pump It to the River" using pumps to solve the flooding. We also have the "Madrid Floodway Project" on the St Johns Bayou. It is possible to site numerous other cities that have solved their flooding problem with pumps.

The above solves only part of the total issue, the other big issue is Harris County/Houston giving developers a free gift by not requiring sufficient detention. The current requirement of 50% or less is too low.

Some of the advantage of the Sebesta Solution

- Would not have to spend large sums of money for buyouts along bayous
- The Bayous would not have to be widen
- o This method eliminates the tidal effects on bayou outflows
- We can overcome future rising sea levels
- Can remove structures out of the flood plain
- Pumps can be used to move water to the gulf via underground pipes/or above ground channels
- Can create detention volume (a saleable commodity) in the existing bayous by starting the pumps early

Comments by Dan Sebesta, an elite trained, retired Professional Engineer, that has spent the last eight years studying flooding, causes, effects, results, and solutions all over the world to solve the flooding issue at his farm. 11-11-2018 DRS



-01

US Army Corps

of Engineers.

Public Information Meeting

<u>Comment Form (Formulario do Comentarios Escritos)</u> Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

I do not support any solution that puts more water into graes bayou. Brack Bayou have been an intomous curd frequently flooded area. Meyerian have made rational news for it's frequent flooding. Our nomes have been too often tonpacted.	r
- Hunnels, another reservoir, or anything netherlands can sugrest. Do not doom on neighborhous to help another.	z
Name Mindy Travillian Affiliation Nombre 5219 Immene St	
City HOUSTON State TX Zip Code T1096 Ciudad Estado TX Código Postal T1096 E-mail Correo Electrónico OCT MKT (avillian@hot Mail. con	Ь
Additional information can be found at:	

May 24, 2019

To USACE:

In the materials presented at the BBTRS public meeting on May 8th, we noted that:

- Both a bypass channel and a detention basin of some sort in Memorial Park are among ideas being considered during the alternatives analysis. Please note that Memorial Park is currently undergoing at \$205 million restoration program that will be completed in nine years. Not only would these projects damage Houston's largest urban park and a truly unique ecosystem, but it also would do so at the cost of negating the largest single investment in a public park in Houston's history.
- 2. Increased conveyance is a primary alternative, with channel capacity being one strategy. If increased channel capacity of any type is considered, the impact of increased water flow and possibly speed on the bayou's natural banks must be considered. Many areas along the bayou are suffering from increased erosion already, and this problem will only grow worse if USACE increases the volume of water or its speed. Impacted areas include private property and public parkland where major investments have been made in recent years. This is a particularly relevant issue for Buffalo Bayou Park and areas downstream where millions of private dollars already have been spent removing silt and repairing damage from Harvey (the silt due to erosion upstream), and HCFCD is preparing to spend millions more federal funds repairing larger-scale bank failures in the park in the coming months.
- 3. Modified operation of the dams is being studied. Please note that the current operation of the dams results in long periods of elevated water from dam releases after heavy rains, which submerges low-lying plants along the channel in muddy water, cutting them off from light and ultimately killing them. This results in the toe of the natural banks being devoid of plants whose roots can help stabilize the banks. The results are less stable slopes, more erosion and more bank failures. This clogs the channel with silt and debris from fallen trees, which is counter-productive to water conveyance. We ask that USACE include these impacts in its study of dam operations.
- 4. Increased storage within the existing reservoirs will be studied and the alternatives analysis will also focus on natural systems and recreation benefits. The scope of a project to increase the storage capacity of the existing reservoirs will result in many more benefits if ecosystem restoration, recreation and use of the property as public greenspace are core goals of the project rather than afterthoughts. The same approach should apply to new reservoirs and detention basins that can also serve as natural areas and parks when they are not needed during rain events. The Houston Parks Board, Buffalo Bayou Partnership and Katy Prairie Conservancy are logical partners to involve in this type of work, and a project scope that

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-05 includes landscape and ecological specialists along with engineers will maximize benefits.

Thank you for providing an opportunity for the public to provide comments.

Guy Hagstette

Vice-President, Parks and Civic Projects 2229 San Felipe, Suite 1700 Houston, TX 77019 713-529-5537 (o) 713-529-2106 (f) <u>Kinderfoundation.org</u>
 From:
 Mike & Peggy O"Neil

 To:
 CESWT-BBTRS

 Subject:
 [Non-DoD Source] Cypress Creek Watershed Issues

 Date:
 Friday, May 24, 2019 3:03:17 PM

The Addicks Dam Proposal and the Impact on Cypress Creek is especially worrisome to my family that live in the Olde Oaks Subdivision adjacent to the creek. This proposal cannot move forward without mitigating action to expand the watershed for Cypress Creek.

-01 The failure of local governments to stop building in critical watershed areas has made Cypress Creek more vulnerable to flooding.

Your intersession on this matter is critical to our community. Thank you for your interest.

Mike & Peggy O'Neil 15123 Pebble Bend Drive, Houston, TX 77068 281-440-0286

From:	James Martin
To:	<u>CESWT-BBTRS</u>
Cc:	Jeanne and Jerry Martin; James Martin
Subject:	[Non-DoD Source] Buffalo Bayou & Tributaries Resiliency StudyBrays Bayou Watershead
Date:	Friday, May 24, 2019 3:20:13 PM
Attachments:	Comment Form JBM244.pdf
	Comment Form JGM243.pdf

Dear Sir or Madam:

Attached please find 2 PDF documents that contain images of my comments and my spouse's comments on the captioned study and its possible impact on the Brays Bayou Watershed and the lives of the individuals who live within the Brays Bayou Watershed.

Please accept and process our comments along with the other comments you receive regarding the above-described matters.

Should you have any question or desire to discuss our comments, please do not hesitate to contact me or my spouse at your convenience.

Thanks for your attention to these important matters.

James G. Martin, Jr. Jeanne B. Martin

4901 Jessamine St. Bellaire, TX 77401-4406 (713) 898-3815 [JGM's Cell Phone] (713) 898-4347 [JBM's Cell Phone] Two attachments were sent in the e-mail. Attachments were duplicates, so only included one copy. -- M. Fisher 5/29/19



Public Information Meeting

US Army Corps of Engineers

<u>Comment Form (Formulario do Comentarios Escritos)</u> Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

We (and our neighbors) have suffered substantial economic and psychologisal harm from flooding of Broys Bayou in recent years. We strengly oppose any plan, or course of action, that would provide for, or result in, any additional water being diverted from Buffalo Bayou or any other watersheed into Brays Bayou or Brays Watersheed as that would only compound the harm we might otherwise suffer as a result of Flooding of Brays Bayou.

Name Nombre Jeanne B. Martin	erter	Affiliation Afiliación	
Address Dirección de Envío <u>4901 Jessan</u>	line street		
City Ciudad Bellaire	State Estado	TX	Zip Code Código Postal77401 - 4406
E-mail Correo Electrónico _jbmjgm@	Yahoo. com		
	Additional information	can be found at:	

https://www.swg.usace.army.mll/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

-01

From: John Young **CESWT-BBTRS** To: Subject: [Non-DoD Source] Cypress Creek Date: Friday, May 24, 2019 5:03:26 PM

To Whom It May Concern:

-01

Please, please do not add more runoff water to Cypress Creek. If it happens, I can guarantee flooding with 6+ inches. Houston has discussed flood control for years. If we can stop the unnecessary clearing of valuable wooded areas, we can protect the drainage areas. Water does -02 not drain thru cement!! Please stop the rampant growth in this city.

Thank you. John C Young ---

Regards,

John C. Young 832-588-3261 johnclementyoung@gmail.com



Public Information Meeting

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MAKE RCUMSPA PAUL M. Scoll Name Affiliation Nombre Afiliación Address Dirección de Envío 5143 LOCH LOALON DRIVE City State Zip Code Código Postal 77096 OUSTON Ciudad Estado -E-mail · Net lo Da md 18 (a) SDC Correo Electrónico Additional information can be found at:

No Substantive Comments Identified

From:Bob ChinTo:CESWT-BBTRSSubject:[Non-DoD Source] RE: Supporters- Call to ActionDate:Saturday, May 25, 2019 10:26:10 AM

May 25, 2019

U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Dear Sir/Madam:

Thank you for the opportunity to provide community input for the Buffalo Bayou and Tributaries Resiliency Study.

I support the recommendations that the Barker Flood Prevention group has already submitted to you. I won't repeat them here, but will stress priority.

In my opinion, other than limiting the Barker Reservoir flood pool to current government owned land, increasing conveyance of water out of the reservoirs is the highest priority and the flood tunnel should be seriously considered and evaluated. Obviously, conveyance into Barker Reservoir must be maintained/improved as well.

Yours sincerely,

Robert Chin

21302 Crystal Greens Drive

Katy, TX 77450

From:	maryjom@cynapsus.com
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Cypress Creek Flooding
Date:	Saturday, May 25, 2019 1:18:52 PM

In my humble opinion, the best way to prevent homes from flooding in the Cypress Creek watershed is to take a much harder line on development. An example of this is a 51-acre plot at Cutten Rd. and Vintage Preserve Parkway. This property nearly abuts Cypress Creek and I believe parts of it are in a floodplain and parts in a floodway. And yet, Harris County approved the permit. One of the things envisioned is a high-rise apartment for seniors.

I vividly remember two senior-living facilities having to be evacuated after Harvey.

How stupid are we to not have learned lessons from that?

Sorry to vent but this just drives me crazy. When I contacted Harris County engineering for an explanation of why this permit was granted, I never received a response.

I'm hoping you guys will be more responsive.

Best, Mary Jo Martin Champion forest Resident (flooded in the Tax Day Flood)



-01

US Army Corps

of Engineers.

Public Information Meeting

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We did sims bayou	with a differe	at goal Drain
a days water in a	day, It prove	d to work
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Name al l II la D-	Affiliation	
Nombre Mark Kosmoski KE.	Afiliación	Consultant
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Address 2400 Augusta Dh	= 403	
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City Harston S	itate Tx	Zip Code 77057
	stado	Codigo Postal
E-mail Mark @ Kirst Ko	ssmoski, com	

Additional information can be found at:



Received in mail on 25 May 19

Comment #: ES122



No Substantive Comments Identified

Public Information Meeting

US Army Corps of Engineers

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We have lived in Meyerland Since 1991 and
We have been furturate to have never flooded.
"Harvey" brought water within one inch of coming
into our home.
Please don't make any changes that would
add MORE WATER to Brays Bayou.
Thank you for all the progress that has been
made on widening the Dayou.
Name Bill & Natalie Lamont Affiliation Nombre Bill & Natalie Lamont Afiliación
Address Dirección de Envío 5235 Indigo St.
City Howfon State Tk Zip Code 77096
E-mail Correo Electrónico bnlamont@earthlink.net

Additional information can be found at:

No Substantive Comments Identified.

Comment #: ES123



US Army Corps

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Public Information Meeting

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Name JARRY MCCORD	Affiliat	tion Resident - ENECHWITED &
Nombre/ Address19430 EVCH Dirección de Envío	ANTED STREAM	DR
City Sprule	State Estado	Zip Code 77388 – Código Postal
E-mail Correo Electrónico	@ GMAIL, COM	
Addition	al information can be found	at

I understand that the Army Corps of Engineers is requesting information from the public regarding the scope of the Buffalo Bayou and Tributaries Resiliency Study.

Please include the following in the scope of your study:

- 1. The construction of a tunnel to convey water from the Barker reservoir.
- 2. The removal of silt within the Barker reservoir and the general excavation of the Barker reservoir to increase reservoir capacity.

Thank you, Mark and Pat Hubert 22014 Ravenna Lane Katy, Texas

-01

From:David LidskyTo:CESWT-BBTRSSubject:[Non-DoD Source] BBTRS Comment FormDate:Sunday, May 26, 2019 1:30:38 PMAttachments:USACE Comment Form.pdf

Please see attached comment form re: Brays Bayou Watershed.

--

DAVID H. LIDSKY ARCHITECT

713.301.5613

dhlidsky@gmail.com <mailto:dhlidsky@gmail.com>



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Public Information Meeting

US Army Corps of Engineers®

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

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My house, built in 1955, had never flooded until 2015; it flooded again in 2016 and 2017. Now, after repeated delays, we are getting closer to completion of Project Brays. I am <u>outraged</u> at the suggestion of creating any diversion points bringing stormwater from the Barker Reservoir and/or the Clodine Area Ditch into Brays Bayou. At the completion of Project Brays, the bayou still won't be capable of handling stormwater from another Harvey type event; creating the mechanism for stormwater to be diverted from a different watershed into Brays will only exacerbate the problem.

Name Nombre DAVID LIDSKY Affiliation BRAYS BAYOUAS Address Dirección de Envío 8911 ENDICOTT LANE	SO CHATCO
Address Dirección de Envío 8911 ENDICOTT LANE	
Tity State Tin Code	antina da antina da antina d
Ciudad HOUSTRON Estado 7K Código Postal 77096	
E-mail Correo Electrónico	iu

No Substantive Comments Identified

From:DeLaine StehleTo:CESWT-BBTRSSubject:[Non-DoD Source] Public Info Mtg: Comment Form (attached)Date:Sunday, May 26, 2019 2:49:35 PMAttachments:USACE Comment Form - 05-26-19.pdfImportance:High

Dear Sir or Madam:

Please find attached my Comment Form after attending a recent USACE presentation regarding Measures Being Considered within the Buffalo Bayou and Tributaries Resiliency Study.

Sincerely,

DeLaine R. Stehle

703 Trademark Pl

Houston, TX 77079-2413



Public Information Meeting

US Army Corps of Engineers®

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F Min. or. Marlam 000 75-80% neighborhood that was Qo.-Engine army Corps opener Uppol. 00 (\mathbf{n}) ()Flor anor. timpon 00 DR nas Com ichal 0 000 tono NA GODA 00 ame MAR ake Affiliation Name Nombre Afiliación Address 0 Dirección de Envío ann Or City State **Zip Code** 9.2412 Ciudad _____ ouston Código Postal 770 Estado E-mail Correo Electrónico -

Additional information can be found at:
From:	Len Teich
To:	<u>CESWT-BBTRS</u>
Cc:	<pre>steich1@comcast.net; info@oldbraeswood.com; cohnconnor@gmail.com</pre>
Subject:	[Non-DoD Source] Buffalo Bayou Watershed Study
Date:	Sunday, May 26, 2019 3:31:23 PM

Dear Army Corps of Engineers:

I live in Old Braeswood.

The Old Braeswood neighborhood is part of the Brays Bayou Watershed that lies just upstream of the Texas Medical Center. We experienced significant flooding during tropical storm Allison but by the time of Harvey, although many of our streets were flooded, very few houses were. We attribute that difference to the Brays Bayou Widening project having been completed as far as Old Braeswood and slightly upstream by the time of Harvey. It has taken over 30 years to get this project to this stage and it is still only 80% finished. It has only been designed to handle water from the Brays Bayou Watershed. If water from Buffalo Bayou were to be released into Brays Bayou during the next Harvey event all those 30 years of work would be threatened. There is no reason to solve Buffalo Bayou's problem by making it Brays Bayou's problem.

I cannot possibly believe any assurances given by the Army Corps of Engineers or anybody else that the transfer of water from Buffalo to Brays would only be done if it caused no damage to Brays Bayou property. The pressure to use the diversion would simply be overwhelming during the next Harvey regardless of the damage to downstream Brays property. The decision will be taken out of the Corps' hands.

-02 If you are actually looking for a relatively low cost solution to future flooding in the Buffalo Bayou Watershed during a future Harvey event, build the Levees at Barker and Addicks reservoirs higher, not lower, and ban any further development in the flood plain behind the levees. It is frankly insanity to allow developers to keep building in a flood plain that you know will flood in the next storm, and then "protect" the houses built there by allowing neighborhoods that were established 80 years ago in the Bray's Watershed to be flooded.

I know that this is all being styled as a study only, but the outcome of the study will be preordained by the options included. If diversion from Buffalo to Brays is the only low cost option looked at then we will be faced with a done deal whenever the study is finished. Let's take the diversion off the table or the political fight will bog your study down for way too long and the next Harvey will be upon us with no progress. Let's get started with something that doesn't outrage approximately 800,000 people in the Bray's Watershed, most of whom vote, and make the study a realistic set of alternatives.

Leonard Teich

-01

From:	DeLaine Stehle
To:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] FW: Requested Flood Tunnel Support Data to Forward to Stephen Costello
Date:	Sunday, May 26, 2019 5:08:25 PM

Dear Sir or Madam:

Please find additional Comments below, regarding Measures Being Considered from the Buffalo Bayou and Tributaries Resiliency Study presented at the recent USACE Public Information Meeting, at St. John Vianney Church. I submitted a Comment Form to you earlier this afternoon, via email attachment, but I am also forwarding you an email sent today to my Houston City Council Member, Greg Travis, to be forwarded on to Houston Chief Recovery Czar for Hurricane Harvey efforts, Stephen Costello.

It documents not only my support for the proposed Flood Tunnel, but also the suggestion that the Ike Dike & Flood Tunnel Projects be linked, in order to achieve cost savings & project efficiencies.

Thank you for your time & attention.

With regards, DeLaine R. Stehle

703 Trademark Pl Houston, TX 77079-2413

DeLaine.Stehle@gmail.com

From: DeLaine Stehle <DeLaine.Stehle@gmail.com>
Sent: Sunday, May 26, 2019 3:48 PM
To: 'CNL District G' <districtg@houstontx.gov>
Cc: 'Brian Gettinger' <Brian.Gettinger@freese.com>; 'travis@hooverslovacek.com'
<travis@hooverslovacek.com>; 'Greg Sergesketter' <Greg@sergesketter.com>
Subject: Requested Flood Tunnel Support Data to Forward to Stephen Costello

Dear Council Member Travis:

As requested, after speaking with you at the recent US Army Corps of Engineers Public Information Meeting on Measures Being Considered from the Buffalo Bayou and Tributaries Resiliency Study, at St. John Vianney, I am sending you information that you stated you would like to forward to Stephen Costello, Houston's Chief Recovery Czar for Hurricane Harvey efforts. I am writing in strong support of the Flood Tunnel, proposed by Brian Gettinger, P.E., Tunneling Service Leader, for Freese and Nichols, <u>brian.gettinger@freese.com</u>.

As you & I discussed, I was perplexed when you quoted much higher cost figures per mile than had been reported to the Memorial Super Neighborhood Council, on February 25, 2019, & documented

by Brian Gettinger at <u>Blockedhttps://www.freese.com/blog/tunneling-offers-solution-houstons-flooding-problems</u>. You stated you received your figures from Recovery Czar, Stephen Costello. Mr. Gettinger stated the cost would be a "probable \$100M/mile" though it could possibly be "only \$70-75M/mile", resulting in a total cost of \$1.5 – 2B. Mr. Gettinger stated this total was "much less than other considered projects".

Mr. Gettinger made a most compelling case which withstood a multitude of questions from engineers & others among our Memorial Super Neighborhood Delegates, many of whom were flooded themselves after the post-Hurricane Harvey USACE reservoirs release.

In addition, I would suggest looking into cost savings & efficiencies that could be obtained by cutting through bureaucratic red-tape, by linking certain aspects of the Ike Dike & Flood Tunnel Projects, such as using excavated soil from the, hopefully, approved Flood Tunnel Project for building the Ike Dike. Such soil could serve as a foundation for the Ike Dike, which then could be covered with aesthetically & environmentally pleasing & consistent sand. This idea was discussed with & deemed feasible by USACE Geologist, Frederick Fenner, at the above mentioned USACE Public Information Meeting. Mr. Fenner is a member of the USACE Ike Dike project team. Mr. Fenner stated in order to link such projects & achieve resulting cost savings & efficiencies, it would take someone with more authority than he to cut through the entrenched bureaucratic red-tape.

In speaking with you, Council Member Travis, & with your stated plans to forward my email to Chief Recovery Czar Stephen Costello, I was hoping to perhaps kickstart such a possible project linkage, vision & savings.

With kind regards,

DeLaine R. Stehle Memorial Super Neighborhood Non-HOA Delegate

703 Trademark Pl Houston, TX 77079-2413 832-288-3209 (h) 330-639-8400 (c) DeLaine.Stehle@gmail.com

From:	Westbury Civic Club President
To:	CESWT-BBTRS; Westbury Civic Club President; Westbury Civic Club
Subject:	[Non-DoD Source] Comments about Buffalo Bayou and Tributaries Resilience Study
Date:	Monday, May 27, 2019 12:17:09 PM

See photo of comments on the official comment form.

Thank you. Cindy Chapman



Public Information Meeting

US Army Corps of Engineers

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

CONCERNED ABOLT Public Input and Meetings res -01 Matershed in Nays 15 Comp more 19h 5 ear 0000 0 611 bp. In Or Dayou Water alo 1945 -02 on ace Value ropert)GI ID Opr toh. Affiliation Name Afiliación Nombre Shite 100, Bellton Address 5322 Dirección de Envío Zip Code State 77035 City oustor Estado Código Postal Ciudad WCC President rier, com est bury C E-mail Correo Electrónico Additional information can be found at: https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

No Substantive Comments Identified



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-OPTION CA	
Name Charles Brillington Affiliation Home Oc	<u>2008</u>
Address Dirección de Envío 5403 Beechnut 54	und formerse
City HOUSTON State ZK Zip Code 7709 Ciudad HOUSTON Estado ZK Código Postal	*6
E-mail Correo Electrónico <i></i>	

Additional information can be found at:

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

No Substantive Comments Identified

 From:
 Kay Haslam

 To:
 CESWT-BBTRS; Weber, Andrew R CIV USARMY CESWG (USA)

 Subject:
 [Non-DoD Source] BBTRS

 Date:
 Tuesday, May 28, 2019 12:16:43 PM

To whom it may concern:

Please deny USACE permit to dump a unprecedented volume of storm water run off from the Beltway 8 Drainage System and the commercial centers of CityCenter and Town & Country Village into Tributary W153. This disastrous project was entitled Memorial Drive Drainage and Mobility Project and more recently retitled Memorial Drive Reconstruction Project. This project is backed by TxDOT, TIRZ 17, COH, HCFCD, and LAN. LAN (Lockwood, Andrews, & Newman) is the same company presently being sued in Flint, MI for allegedly killing over a dozen adults with Legionare's Disease and allegedly poisoning over 600 children with lead.

This proposed "dump" of storm water run off from the southeast quadrant of Beltway 8/ IH-10 will be unmitigated, unfiltered, and untreated water.

Furthermore, Memorial Drive and Memorial Green are contaminated with large plumes emanating from two dry cleaning sites. The plumes contain trichloroethylene, one of the 10 most dangerous poisons on Planet Earth. LAN is burying 2 gigantic 10x 10 foot box culverts beneath the Memorial Drive roadway, so LAN will be excavating into the plumes. The LAN Project Mgr. Ricky Gonzalez is not an engineer. The Goodman Corp., a company which aides in obtaining grants, will be testing the plumes. Goodman is not an engineering company with experience in testing for contaminants.

A LAN study states that the project will cause erosion at the outfall, so the project will cause erosion into the plumes.

The project is impounding storm water from the SE quadrant of Beltway 8 and IH-10 and conveying this water one mile under Memorial Drive into Tributary 153,

a tremendous volume of water that LAN does not compute, because LAN says that city regs do not require LAN to compute volume. Without computations, LAN will obviously import an unprecedented volume of water into Tributary W153. This volume of water will raise the water table, and disturb the contaminated plumes.

Tributary W153 is a pristine ravine that supports a variety of wildlife. Tributary W153 provides shelter to migrating birds and butterflies. Tributary W153 is fed by a crystal stream that arises northeast of the Tallowood bridge and that flows into W153 continuously. The stream never dries up, not even in drought years. This stream provides fresh water to Buffalo Bayou and is under the authority of USACE.

Lastly, TxDOT, TIRZ 17, COH, HCFCD, and LAN are selling this Memorial Drive Project to the public as a drainage project that will mitigate flooding. This project in fact will create man made flooding in Tributary W153. LAN and City of Houston are denying to the public that the project will connect to the Sam Houston Tollway frontage road trunkline. In fact, the trunkline is already connected to the Memorial Drive system and becomes surcharged throughout its length in a heavy rain and overflows into the Memorial Drive system.

If you do not wish to cancel this evil project, please at least delay the project until you have finished your six million dollar environmental study on the tributaries of Buffalo Bayou. Otherwise, your expensive study will be sabotaged by this Memorial Drive Project, which proposes to dump gasoline, antifreeze, pesticides, and trichloroethylene into Buffalo Bayou.

Kay Haslam kayhaslam@ymail.com 713 485 5017

1718 Potomac Dr.

Houston, Tx 77057

Sent from my iPhone

From:Nettie MayTo:CESWT-BBTRSSubject:[Non-DoD Source] Buffalo Bayou & Tributary Resiliency StudyDate:Tuesday, May 28, 2019 1:47:57 PM

My husband and I recently purchased our home in Enchanted Oaks--just north of Cypress Creek. Our house is 1/2 block from Bonds Gully which drains into nearby Cypress Creek.

-01 We support the idea of a tunnel to help drain the Cypress Creek watershed in flood conditions, but wonder how much water would be diverted to the tunnel. Would enough water be left in the creek and its tributaries to support the ecology of those waterways? Please include this issue in your study.

Nettie May and Dan May

No Substantive Comments Identified

<u>EJ</u>
<u>CESWT-BBTRS</u>
[Non-DoD Source] feedback in support of bayou resiliency study
Tuesday, May 28, 2019 2:24:29 PM

To whom it may concern, I documented the local experience in the area of Spring, TX during hurricane Harvey relative to water height observations and Lake Conroe activities. In case it may be useful, FYI:

Blockedhttps://patch.com/texas/houston/did-san-jacinto-river-flooding-make-cypress-creek-flooding-worse-hypothesis

-Elizabeth Jensen, PhD, PE, CSP

Sent with ProtonMail Secure Email.



Humble, TX

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Did the San Jacinto River flooding make the Cypress Creek Flooding Worse?--A HYPOTHESIS

The areas flooded by Cypress Creek varied with the height of Spring Creek. Why? Did the Lake Conroe release increase upstream flooding?

By Elizabeth Jensen | Sep 9, 2017 2:14 pm ET | Updated Sep 12, 2017 8:22 am ET

This post was contributed by a community member.



USGS 08068500 Spring Ck nr Spring, TX

Background

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Anyone who remembers Angry Beavers, probably remembers the "big happy"/"little meanie" episode, when the brothers try to dam two different types of rivers. While talking to a park ranger at Mercer Arboretum, my kids and I learned that the descriptions can be applied to Cypress Creek (big happy) and Spring Creek (little meanie). This was because Spring Creek, being smaller, reacted more to conditions of rain and drought. During the Harvey rains, flooding occurred on an unprecedented scale here in the Spring Park Village/North Hills Estates area. Spring Park Village has a very large detention pond that was doing its job collecting rain water from the neighborhood and the nearby shopping areas. This was until Cypress Creek overflowed its banks and filled in the remaining capacity of the detention pond, which then started backing up into the streets. At its deepest, the street flooding was higher than my knee on Monday night (Aug 28th). North Hills Estates was sufficiently underwater in places that relatively large boats were able to navigate among the submerged homes. All of this was Cypress Creek water. Over the next 12 hours, the water receded. Spring Park Village's detention pond was again able to drain the water gathered in the streets, and homes in North Hills Estates that had never flooded before were emptied. The problem: the Cypress Creek water gauge didn't show a significant drop in water level. Spring Creek on the other hand was dropping rapidly.

Subscribe

Hynothesis

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South of our location on Cypress Creek is where Spring Creek and Cypress Creek merge into the west fork of the San Jacinto River. Cypress Creek, being the "big happy" naturally dominates the flow between the two creeks, but one has to consider the effect of an unusually swollen Spring Creek with the release of water from Lake Conroe around August 26th/27th [Reference 1]. Did this release cause a flow disruption to Spring and Cypress Creeks? Being that Spring Creek is smaller, is the effect of the disruption more noticeable in its flow? Assuming that a barrier artificial or natural exists in the area where the creeks merge with the river, it's entirely possible that the water pressure from the San Jacinto river caused a back pressure in Spring and Cypress Creeks. This back pressure would impact the volume of water from both creeks that continues to flow downstream. Any disruption in flow to Cypress Creek should cause the water level to rise. That wasn't what the Cypress Creek gauge measured, rather it kept the same height when it reached its peak. Even as Spring Park Village's detention pond filled with water from Cypress Creek, the gauge was keeping relatively the same height. Was the peak height of Cypress Creek more of a measure of the height at which it was overflowing into the surrounding areas? What volume of water comprised this overflow? Why did the flooding water in Spring Park Village return to Cypress Creek while its height did not change much several hours later? Would this overflow of Cypress Creek make the Spring Creek gauge more accurate in understanding the volumetric effect of the back pressure from the San Jacinto River's increased flow?

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OPEN

Did the extra water in the San Jacinto River from the Lake Conroe releases during

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Answers

While we are still in recovery, it will be some time before the events of the flooding are analyzed from a geological/hydrological point of view. The data required include the gauge readings of the various bodies of water, the amount of water released from Lake Conroe, the structure of the various creek walls, beds, and bends, and models for the flows. Engaging in this work is important, not just for developing new local water management and flood control approaches, but also for developing REGIONAL water management and flood control approaches. If the hypothesis is correct, that Lake Conroe's water release into the San Jacinto River caused a significant amount of the flood damage from Cypress Creek, then the sheer cost of the damage demonstrates that a regional plan must be developed. Either the flood plain designations must be broadened for including these non-linear sources, or other release mechanisms need to be developed to address the problem of bodies of water such as Lake Conroe overfilling.

[1] "San Jacinto Rivera Authority reverses course, releasing water", Conroe Courier, http://www.yourconroenews.com/...

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Did the San Jacinto River flooding make the Cypress Creek Flooding Wo... https://patch.com/texas/humble-kingwood/amp/27254513/did-the-san-jac...

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X

 From:
 Glen

 To:
 CESWT-BBTRS

 Subject:
 [Non-DoD Source] img089.pdf

 Date:
 Tuesday, May 28, 2019 2:26:52 PM

 Attachments:
 img089.pdf

file:///C:/Users/br/Documents/img089.pdf

Sent from Mail for Windows 10



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<u>Comment Form (Formulario do Comentarios Escritos)</u> Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

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Additional information can be found at: <u>https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/</u>

From:	Patti Rocco
To:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Addicks Da proposal and Impact on Cypress Creek.
Date:	Tuesday, May 28, 2019 2:28:22 PM

To Whom it May Concern:

-01

It is unbelievable to me that you are considering a levee south of cypress Creek. With this levee in place flood water would be contained in the cypress Creek watershed.

This rural creek cannot to an urban drainage job. It overtops with a 6" rain these days. If we burden it more there will only be more flooding. Have you already forgotten Harvey? Meyer park on cypress wood often flooded before this. Our church St. Ignatius flooded with Harvey. Our church is built up not on street level. Some areas had 8 feet of water. We had to completely gut and rebuild our church which cost millions of dollars. We have a huge campus with lots of building and everything was ruined.

We had church in a tent for months and months. This flooding stopped 1/2 mile from my home. Next time we won't be so lucky if you put in this levee. This area is not new to flooding and will only get worse. I have friends that have been flooded more than once in this area.

Surely there is another humane solution for Addicks Dam, rather than insuring flooding to an area that already floods. This proposal does not even make sense!

Respectfully,

Patti Rocco

From:txcominsky@aol.comTo:CESWT-BBTRSSubject:[Non-DoD Source] Comment on Buffalo Bayou Resilliency studyDate:Tuesday, May 28, 2019 4:10:06 PMAttachments:Public comment.pdf

Please confirm receipt of this study.



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Additional information can be found at:

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

From:	<u>Jim</u>
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Solution for Flood Water Management
Date:	Tuesday, May 28, 2019 8:28:19 PM

To better drain west Houston we need to bypass Buffalo Bayou. In Harvey we saw that heavy flooding cannot move quickly down the bayou.

Likewise a Giant Tunnel will not solve the problem. The elevation in the Addicks area is not sufficiently higher than -01 the ship channel to allow drainage without pumping assist. Giant Pumps would be required to service the Giant Tunnel.

The BETTER solution is to design and build a Big Ditch running due south from the Barker area to the Gulf. It would be straight and wide and afford the highest natural flow rate for surplus water. (Buffalo Bayou would still drain from Highway 6 east through the city.)

The Big Ditch would cross the Brazos and San Bernard rivers, allowing addition flood relief from heavy rains in central Texas. This additional capacity would likely eliminate downstream flooding along these two rivers. Providing this Big Ditch would allow new development west of Houston, providing additional tax base to help pay for the project. Civil engineering friends estimate the cost at \$10-15 billion. Start it now before real estate developers seize the farm land for housing!

James Langley Langley Associates LLC 713-398-8267

-02

From:	Randall Wolf
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Public Scoping Meetings for Buffalo Bayou and Tributaries Resiliency Study
Date:	Tuesday, May 28, 2019 10:46:58 PM

Comments I would like included.

-01

-03

1. Revise the USACE's operating manual to stop closing the floodgates when the rain comes or is anticipated, only to open them wide at a certain reservoir level, creating a damaging bow wave. Keep them open until 2000 cfs reached at Piney Point, then partially close to regulate to max 4000 cfs as prescribed by exception. The Corps' operating procedure is to be blamed for much downstream damage and economic loss.

-02

2. Clear the vegetation of Barker and Addicks Reservoirs. That, in itself, might increase capacity equal to a new reservoir.

3. Identify likely funding limits of study outcomes, which is to say, don't bother studying solutions that will never be funded.

4. Clear Buffalo Bayou of debris until the Corps changes its procedures (point #1) to stop eroding the Bayou's banks, causing trees and sand to diminish carrying capacity. I don't know how many tons of debris was removed after Harvey, but I have photos of the barge and other equipment in action. Private ownership of land along the Bayou didn't seem to be a barrier then!

Randall Wolf

9115 Briar Forest Drive

77024

346-233-8205



US Army Corps

of Engineers.

Public Information Meeting

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COUNTY JUDGE

Fort Bend County, Texas

The Honorable KP George County Judge (281) 341-8608 Fax (281) 341-8609

May 28, 2019 U.S. Army Corps of Engineers Galveston District Attn: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

To Whom It May Concern,

Thank you for providing the community and local governments the ability to submit input for the Buffalo Bayou and Tributaries Resiliency Study. As the local stakeholder with direct ties to our jurisdiction, we are well aware of the situation and issues our residents face. Many parts of the Buffalo Bayou were severely tested during Hurricane Harvey and with new rainfall data, it is expected that the frequency of this level of storm will only increase. We must do everything we can to help plan for that possibility and mitigate the risk to lives and property.

Over 50% of the homes that flooded in Fort Bend County during Harvey resulted from the pool elevations in Barker Reservoir extending outside the limits of the government owned land; therefore, Fort Bend County (Fort Bend County Judge; Fort Bend County Commissioner Precinct 3; Fort Bend County Drainage District) recommend the following;

- 1. Provide increased conveyance capacity downstream of Barker and Addicks Reservoirs to allow continuous releases from the reservoirs. Improvements to facilitate increased downstream conveyance could be provided by channel clearing and/or excavation along Buffalo Bayou. Diversion channels, or similar functioning structures, constructed from the reservoirs to the ship channel would also be acceptable.
- 2. Increase the storage capacity within the reservoirs so that the reservoirs release rates and storage capacities are sufficient to contain the "Maximum Probable Event" within the limits of the Government owned land.
- 3. Construct structures to eliminate the impact of Cypress Creek overflows on the storage capacities and release rates of Addicks and Barker Reservoirs.

These are just three suggestions to help mitigate the problem that our communities faced during Hurricane Harvey and should be incorporated into the Resiliency Study. Some if not all of the suggestions help considerably in ensuring that our communities are better protected both in terms of lives and property.

If you require any further information or have additional questions, please do not hesitate to reach out to my office.

Respectfully,

KP George County Judge Fort Bend County



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Additional information can be found at:

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- 1) Regarding Cypress Creek overflow into Addick's Reservoir, Cypress creek also overflows into barker reservoir. This should be prevented.
- 2) Need to restore Cypress creek drainage from Sharp Road to 99. Cypress Creek is overgrown and clogged.
- 3) Regarding possible plan to divert Cypress creek. Diversion needs to be farther west into Waller county. The current plan diverts cypress creek into Cane Island creek only making water issues worse in city of Katy.
- 4) Need to create reservoir like Addicks and Barker on cypress creek, west of 99.
- 5) Need to increase capacity of Barker and Addicks by digging inside and lowering the base of the reservoirs.

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Name Orville Wiens		Affiliation Afiliación	Horris	Co.	Resident
Address Dirección de Envío <u>6209</u> Pecc	m Ln				
City Ciudad Kary	State		Zip Code Código Postal	77 -	193
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-01

Comment #: ES143

No Substantive Comments Identified

From:Edward FastowTo:CESWT-BBTRSSubject:[Non-DoD Source] Comment Form - Buffalo Bayou and Tributaries Resiliency StudyDate:Wednesday, May 29, 2019 8:48:09 AMAttachments:USACE Galveston District.pdf

Please see attached.

Thanks,

Ed Fastow



Public Information Meeting

US Army Corps of Engineers

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

We need your thoughts and comments on the effort to develop the Buffalo Bayou and Tributaries Resiliency Study. Your participation is a key element in producing a meaningful and useful feasibility report. The information presented at the public information meetings can be viewed at the website listed below. Please write your questions, comments, or suggestions in the space provided below. Feel free to use additional pages if needed. Forms may be submitted at the public information meeting, mailing to the address on the back of this form, or emailed to <u>BBTRS@usace.army.mil</u>. Comments should be postmarked by May 31, 2019. Thank you for your participation!

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https://www.		Additiona	l informatio	on can be	found at:	***		

From:	<u>Dylan Seff</u>
To:	CESWT-BBTRS
Subject:	[Non-DoD Source] Buffalo Bayou and Tributaries Resiliency Study
Date:	Wednesday, May 29, 2019 1:17:37 PM
Attachments:	image001.jpg

Dear Army Corps of Engineers:

I live in Old Braeswood

from Buffalo Bayou were to be released into Brays Bayou during the next Harvey event all those 30 years of Harvey, although many of our streets were flooded, very few houses were. We attribute that difference Fexas Medical Center. We experienced significant flooding during tropical storm Allison, but by the time only 80% finished. It has only been designed to handle water from the Brays Bayou Watershed. If water upstream by the time of Harvey. It has taken over 30 years to get this project to this stage and it is still The Old Braeswood neighborhood is part of the Brays Bayou Watershed that lies just upstream of the of work would be threatened. There is no reason to solve Buffalo Bayou's problem by making it Brays to the Brays Bayou Widening project having been completed as far as Old Braeswood and slightly Bayou's problem.

9

I cannot possibly believe any assurances given by the Army Corps of Engineers or anybody else that the regardless of the damage to downstream Brays property. The decision will be taken out of the Corps' property. The pressure to use the diversion would simply be overwhelming during the next Harvey transfer of water from Buffalo to Brays would only be done if it caused no damage to Brays Bayou hands

lower, and ban any further development in the flood plain behind the levees. It is frankly insanity to allow developers to keep building in a flood plain that you know will flood in the next storm, and then "protect" Watershed during a future Harvey event, build the Levees at Barker and Addicks reservoirs higher, not the houses built there by allowing neighborhoods that were established 80 years ago in the Bray's If you are actually looking for a relatively low-cost solution to future flooding in the Buffalo Bayou Watershed to be flooded -03 -02

know that this is all being styled as a study only, but the outcome of the study will be preordained by the faced with a done deal whenever the study is finished. Let's take the diversion off the table or the political options included. If diversion from Buffalo to Brays is the only low-cost option looked at then we will be fight will bog your study down for way too long and the next Harvey will be upon us with no progress. Let's get started with something that doesn't outrage approximately 800,000 people in the Bray's Watershed, most of whom vote, and make the study a realistic set of alternatives.

Dylan Seff

Dylan Seff

Vitol Inc 2925 Richmond Ave., 11th Floor, Houston TX 77098 T: +1 713-230-2000 M: +1 713-870-8393 E: dys@vitol.com To verify that the signature to this message is valid and trusted, click on the authentication stamp. Its function is to assist you to ensure that the email is indeed generated by a sender from @vitol.com

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No Substantive Comments Identified

From:nan lvTo:CESWT-BBTRSSubject:[Non-DoD Source] oppose diversion of flood water into Brays BayouDate:Wednesday, May 29, 2019 1:40:01 PM

Dear Army Corps of Engineers:

I live in Old Braeswood.

I do not believe it is a good use of public funds to divert water to Brays Bayou and place homes in the neighborhood at risk.

Thanks,

Nan

Nan Lv 2422 Underwood Street

No Substantive Comments Identified

From:	Randy Newman
То:	<u>CESWT-BBTRS</u>
Subject:	[Non-DoD Source] Buffalo Bayou & Tributaries Resiliency Study
Date:	Wednesday, May 29, 2019 1:55:50 PM

After review I do no believe that it would be a good use of public funds to divert water to Brays bayou and place homes already at risk of flooding further in jeopardy.

Randy Newman President 713-201-7290 Hi-Tec Flooring Dist Representing = Nurazzo Terrazzo Tile Ecore Polyflor Eco surfaces Allstate base Zandur Cobalt surfaces Aphelion tile collection Schonox (underlayments) Dinoflex Eco Grip safety flooring

Form Letter #2

From:Whitney BogardusTo:CESWT-BBTRSSubject:[Non-DoD Source] Brays Bayou WatershedDate:Wednesday, May 29, 2019 2:10:18 PMAttachments:BB Whitney.pdf

Please see my attached comment letter.

Whitney Smith-Bogardus

(wk) 713-308-2782

(cell) 713-320-5763



Public Information Meeting

US Army Corps of Engineerse

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

Comment Period: April 29, 2019 through May 31, 2019

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Additional information can be found at: https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/ May 29, 2019

Dear Army Corps of Engineers:

I live in Old Braeswood.

The Old Braeswood neighborhood is part of the Brays Bayou Watershed that lies just upstream of the Texas Medical Center. We experienced significant flooding during tropical storm Allison, but by the time of Harvey, although many of our streets were flooded, very few houses were. We attribute that difference to the Brays Bayou Widening project having been completed as far as Old Braeswood and slightly upstream by the time of Harvey. It has taken over 30 years to get this project to this stage and it is still only 80% finished. It has only been designed to handle water from the Brays Bayou Watershed. If water from Buffalo Bayou were to be released into Brays Bayou during the next Harvey event all those 30 years of work would be threatened. There is no reason to solve Buffalo Bayou's problem by making it Brays Bayou's problem.

I cannot possibly believe any assurances given by the Army Corps of Engineers or anybody else that the transfer of water from Buffalo to Brays would only be done if it caused no damage to Brays Bayou property. The pressure to use the diversion would simply be overwhelming during the next Harvey regardless of the damage to downstream Brays property. The decision will be taken out of the Corps' hands.

If you are actually looking for a relatively low-cost solution to future flooding in the Buffalo Bayou Watershed during a future Harvey event, build the Levees at Barker and Addicks reservoirs higher, not lower, and ban any further development in the flood plain behind the levees. It is frankly insanity to allow developers to keep building in a flood plain that you know will flood in the next storm, and then "protect" the houses built there by allowing neighborhoods that were established 80 years ago in the Bray's Watershed to be flooded.

I know that this is all being styled as a study only, but the outcome of the study will be preordained by the options included. If diversion from Buffalo to Brays is the only low-cost option looked at then we will be faced with a done deal whenever the study is finished. Let's take the diversion off the table or the political fight will bog your study down for way too long and the next Harvey will be upon us with no progress. Let's get started with something that doesn't outrage approximately 800,000 people in the Bray's Watershed, most of whom vote, and make the study a realistic set of alternatives.

Thank you,

Smith Bog ordus

Whitney Bogardus 2330 Glen Haven Blvd Houston, TX 77030 Wsmitty1961@yahoo.com Sent by W. Smith-Bogardus but attachment was a comment letter from L. Lonergan. -- M. Fisher, 31May19

Form Letter #2

Comment #: ES148

From:Whitney BogardusTo:CESWT-BBTRSCc:Laurie LonerganSubject:[Non-DoD Source] Brays Bayou WatershedDate:Wednesday, May 29, 2019 2:17:14 PMAttachments:BB Laurie.pdf

Please see attached comment letter.

Whitney Smith-Bogardus

Equity Trading - WRAP

Fayez Sarofim & Co. | Two Houston Center, Suite 2907

Houston, Texas 77010 | wbogardus@sarofim.com <mailto:wbogardus@sarofim.com>

WRAP TRADING 713.308.2886 | TRADING FAX 713.654.7904 | wrap@sarofim.com <<u>mailto:wrap@sarofim.com</u>>

Direct 713.308.2782

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Public Information Meeting

US Army Corps of Engineers.

Comment Form (Formulario do Comentarios Escritos) Buffalo Bayou and Tributaries Resiliency Study

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	PLEASE	SEE	ATTACI	HED.	LETTER
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LAURIE	LONERLAF	HN .	Affiliation – Afiliación	RES	IDENT
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Additional information can be found at: https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/ May 29, 2019

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Thank you,

Amerga

Laurie Lonergan 2526 Blue Bonnett Houston, TX 77030 snorkkus@yahoo.com

From:Deborah McCoyTo:CESWT-BBTRSSubject:[Non-DoD Source] Buffalo Bayou & Tributaries Resiliency StudyDate:Wednesday, May 29, 2019 2:22:44 PMAttachments:BBTRS Comment Form 3.pdf

I am attaching my comment opposing the use of Brays Bayou watershed as a solution to the problems with Buffalo Bayou.

Sincerely,

Deborah McCoy



US Army Corps

of Engineers.

Comment Form Instructions

Buffalo Bayou and Tributaries Resiliency Study Public Information Meeting

Comment Period: April 29, 2019 through May 31, 2019

The U.S. Army Corps of Engineers is in the process of developing the Buffalo Bayou and Tributaries Resiliency Study which includes both Flood Risk Management and a Dam Safety Modification Study (DSMS). The flood risk management will identify and evaluate alternatives to reduce flooding upstream of the Addicks and Barker Dams as well as below in the Buffalo Bayou watershed. The DSMS will identify and evaluate alternatives to address Phase II measures of the Dam Safety Modifications on Addicks and Barker. Public input is especially needed regarding alternatives to consider.

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229

Place Stamp Here

USACE Galveston District ATTN: BBTRS P.O. Box 1229 Galveston, TX 77553-1229



-01

Public Information Meeting

US Army Corps of Engineers®

<u>Comment Form (Formulario do Comentarios Escritos)</u></u> Buffalo Bayou and Tributaries Resiliency Study

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I live in Old Braeswood which is part of the Brays Bayou watershed. My home was built in 1929. It is my understanding that there is a proposal to dig a trench from Buffalo Bayou to Brays Bayou as a low cost option to prevent overflow of Buffalo Bayou. This proposal will put my home and neighborhood at risk of flooding. I do not think that putting our residential neighborhood and the medical center at risk to improve Buffalo Bayou watershed is a prudent plan. Although the costs are attractive, the risks associated with this plan are too great. The recent improvements to Brays Bayou definitely prevented major flooding in our neighborhood during Harvey, although some homes were impacted. If the Buffalo Bayou proposed project is approved, I fear that my home and that of others in our neighborhood will be put in harm's way so that others in another area will be spared. There are other alternatives to consider, that although more expensive, have a lower risk profile, and do not put others at risk in order to mitigate the risk in another area. Therefore, I am adamantly opposed to using the Brays Bayou watershed to improve the Buffalo Bayou watershed. I urge you to consider alternative plans to alleviate the problems with Buffalo Bayou which do not endanger other communities.

Name Nombre Deborah McCoy and Robert Keenan			Affiliation Afiliación		
Address Dirección de Envío	2351 Kelving Street				
City Ciudad Houston		State Estado <u>TX</u>		Zip Code Código Postal	77030
E-mail Correo Electrónico					

Additional information can be found at:

https://www.swg.usace.army.mil/Missions/Projects/Buffalo-Bayou-and-Tributaries-Resiliency-Study/

 From:
 J.R

 To:
 CESWT-BBTRS

 Subject:
 [Non-DoD Source] Buffalo Bayou & Tributaries Resiliency Study

 Date:
 Wednesday, May 29, 2019 2:26:51 PM

To whom it may concern,

-01

My name is Jesse Rodriguez I live in the Old Braeswood neighborhood close to Brays Bayou. When hurricane Harvey hit Houston, the water rose up to my door step but thankfully didn't make it in. What the Army Corps of Engineers is proposing will cause major flooding to a neighborhood that was barely spared from all the flooding during Harvey! Brays Bayou can not hold more water without causing major damage to the neighborhoods surrounding it. I cant believe any assurances given by the Army Corps of Engineers. Find another way to fix Buffalo Bayou without hurting other neighborhoods!!!

From:Sharon CoanTo:CESWT-BBTRSSubject:[Non-DoD Source] Braes bayouDate:Wednesday, May 29, 2019 2:48:00 PMAttachments:comments coan.pdf

My comments are attached.

We do not believe it is a good use of public funds to divert water to Brays Bayou and place homes in the neighborhood at risk.

Sharon Coan

sharoncoan@comcast.net <<u>mailto:sharoncoan@comcast.net</u>> 281.798.1629 Sent from my iPhone

Begin forwarded message:

From: "Coan, Sharon P" <Sharon.P.Coan@uth.tmc.edu <<u>mailto:Sharon.P.Coan@uth.tmc.edu</u>>> Date: May 29, 2019 at 2:43:00 PM CDT

To: "sharoncoan@comcast.net <<u>mailto:sharoncoan@comcast.net</u>> " <sharoncoan@comcast.net <<u>mailto:sharoncoan@comcast.net</u>> >

Subject: flooding the bayou