



San Jacinto River Authority

ADMINISTRATIVE OFFICE
P.O. Box 329 • Conroe, Texas 77305
(T) 936.588.3111 • (F) 936.588.3043

June 15, 2020

Texas Water Development Board
ATTN: FIF Abridged Application
P.O. Box 13231
Austin, Texas 78711

Re: FIF Abridged Application: Upper San Jacinto River Basin Regional Sedimentation Study

Dear Mr. Entsminger:

The San Jacinto River Authority thanks the Texas Water Development Board (TWDB) for the opportunity to submit an abridged application for funding via the recently created Flood Infrastructure Fund. Attached please find the abridged application for Upper San Jacinto River Basin Regional Sedimentation Study with the following attachments:

1. Attachment A: Project Benefit Area
2. Attachment B: Census/ SVI Data and Calculations
3. Attachment C: Grant Percentage Calculator Spreadsheet
4. Attachment D: Disaster Declarations for Hurricane Harvey and Tropical Storm Imelda
5. Attachment E: NFIP Certifications from Liberty County, Waller County, Grimes County, San Jacinto County, Harris County, Montgomery County, City of Conroe, and City of Houston
6. Attachment F: San Jacinto Regional Watershed Master Drainage Plan Project Fact Sheet
7. Attachment G: Upper San Jacinto River Watershed (Basin) Map

We appreciate your review and consideration of this application, and look forward to working with TWDB as a regional partner on efforts to reduce flood risks within the San Jacinto River Basin.

If you have any questions or require further documentation or data, please contact me at (936)-588-7177 or Matt Barrett at mbarrett@sjra.net.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Barrett".

Matt Barrett, P.E.
Division Engineer

SFY 2020 Flood Project Abridged Application

Due June 15, 2020 at 5:00 p.m.
Email to FIF@twdb.texas.gov

By submitting this Abridged Application, you understand and confirm that the information provided is true and correct to the best of your knowledge and further understand that the failure to submit a complete Abridged Application by the stated deadlines, or to respond in a timely manner to additional requests for information, may result in the withdrawal of the Abridged Application without review.

GENERAL INFORMATION

Entity Name	San Jacinto River Authority		
Entity Type	River Authority		

Contact Who should TWDB contact with questions during the review of this submission?	Name	Matt Barrett, PE	
	Title	Division Engineer	
	Phone	936-588-7177	
	Email	mbarrett@sjra.net	

PROJECT INFORMATION

Project Name	Upper San Jacinto River Basin Regional Sedimentation Study		
Amount Requested from TWDB	\$375,000 (50% grant based on attached calculations (Attachment C))		
Financing from Federal Sources	\$0		
(if receiving federal funds, include the federal agency and program)	N/A		
Financing from Other Sources	\$375,000 (local match for remaining 50% not covered by grant)		
Total Project Cost (Check here if requesting loan funds only <input type="checkbox"/>)	\$750,000		

Category Applied For

<input checked="" type="checkbox"/> <u>Category 1</u> Flood Protection Planning for Watersheds See item (G) in Description of Proposed Project for explanation.	<input type="checkbox"/> <u>Category 2</u> Planning, Acquisition, and Design, Construction / Rehabilitation (All combinations)	<input type="checkbox"/> <u>Category 3</u> Federal Award Matching Funds	<input type="checkbox"/> <u>Category 4</u> Measures immediately effective in protecting life and property
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MINIMUM STANDARDS

Only projects that satisfy all minimum standards will be included in the prioritization.	<input checked="" type="checkbox"/>	1. For applicable projects, the benefit-cost ratio of the proposed project is >1.0 or an explanation is provided. N/A for study/non-construction projects per Intended Use Plan.
	<input checked="" type="checkbox"/>	2. For applicable projects, a proposed MOU and a project description was provided to all eligible political subdivisions and the list of political subdivisions that received this information is attached to the abridged application. N/A for Category 1 projects per Intended Use Plan.
	<input checked="" type="checkbox"/>	3. The applicant has acted cooperatively with other political subdivisions to address flood control needs in the area in which the eligible political subdivisions are located; and all eligible political subdivisions substantially affected by the proposed flood project have participated in the process of developing the proposed flood project. Requested input from multiple entities during the development of this project. See item (F) in <u>Description of Proposed Project</u> for explanation.
	<input checked="" type="checkbox"/>	4. The funding request does not include redundant funding for activities already performed and/or funded through another source.
	<input checked="" type="checkbox"/>	5. a. The area to be served by the proposed project has floodplain ordinances in place and is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards. See Attachment E. OR
	<input type="checkbox"/>	5. b. Requesting funds to fulfill additional requirements for participation in the National Flood Insurance Program. N/A
	<input checked="" type="checkbox"/>	6. The proposed project was developed using the best and most recent available data. See item (A) in <u>Description of Proposed Project</u> for explanation.
	<input checked="" type="checkbox"/>	7. a. (Construction applicants only) Operations and maintenance costs associated with proposed facilities have been considered. N/A
	<input checked="" type="checkbox"/>	7. b. (Construction applicants only) Floodwater capture techniques have been considered. N/A, but see item (D) in <u>Description of Proposed Project</u>.

DESCRIPTION OF PROPOSED PROJECT

The purpose of this project is to perform a regional sedimentation study of the Upper San Jacinto River Basin (Lake Houston watershed). Sedimentation in the Upper San Jacinto River Basin has been well documented, and is known to impact floodway conveyance capacity. In order to identify and create a plan for implementing potential sedimentation solutions, this study will develop "sediment budgets" by evaluating the input, output, and storage of sediment for the entire basin, as well as for sub-watersheds within the basin. This process will identify which sub-watersheds in the basin produce the most sediment and which store the most sediment. With this information, sub-watersheds and individual locations can be prioritized for improvements, and conceptual solutions (potential future projects/efforts with the goal of reducing sediment inputs and/or enhancing sediment storage to mitigate the loss of floodway conveyance), as well as non-construction best management practices, can be developed and analyzed. For project/construction solutions, these efforts will include development of cost estimates, preliminary exhibits, and preliminary permitting requirement evaluation. All identified projects, efforts, and practices will be ranked and included in an implementation plan, and ultimately all information developed as part of this project will be compiled into a regional sediment management plan which can guide sedimentation mitigation efforts in the future. Specific tasks anticipated to be included in the scope of work for the project include, but are not necessarily limited to:

1. Upper San Jacinto River Basin watershed characterization
2. Inventory of available existing data
3. Annual sediment output determination
4. Annual sediment storage determination
5. Sediment transport modeling
6. Individual sediment source or storage locations determination
7. Individual site investigations
8. Key stakeholder and permitting agency coordination
9. Development of conceptual solutions and overall implementation strategy
10. Development of Upper San Jacinto River Basin sediment management plan

- A) The project will be performed utilizing the most recent/best available data, technology, and techniques available to SJRA. The project will take advantage of any relevant data, models, etc. developed recently as part of the, in progress and nearing completion, San Jacinto Regional Watershed Master Drainage Plan project (SJRWMMP) being performed by Harris County Flood Control District (HCFCD), which is utilizing Atlas 14 rainfall. The SJRWMMP is a \$2.7 million comprehensive regional study funded 25% by local partners HCFCD, SJRA, Montgomery County, and the City of Houston, and 75% by FEMA, conveyed through the Texas Division of Emergency Management. See Attachment F for more information on the SJRWMMP. The project will also utilize data from and build upon efforts by the U.S. Army Corps of Engineers (USACE) and Harris County to dredge accumulated sediment from the mouth of Lake Houston. To date, over 2.3 million cubic yards of material have been removed by USACE, at a cost of over \$90 million, partially funded by FEMA. An additional \$30 million has been dedicated to Harris County from the Texas Water Development Board to further dredging efforts via Senate Bill 500 from the 86th Texas Legislative Session. By utilizing data from and building upon the SJRWMMP and Lake Houston dredging efforts, the proposed project will increase the benefits gained from the large state and federal investments made for these projects. Finally, the project will use any relevant data from a sand trap development project currently being performed by SJRA, in coordination with HCFCD, along the West and East Forks of the San Jacinto River, which utilizes abilities provided to SJRA and HCFCD by House Bill 1824 from the 86th Texas Legislature, as well as any other relevant data from past studies and efforts in the region. Some of the efforts described above have already been performed along the East and West Forks of the river as part of the sand trap development project, and will not need to be duplicated as part of this project. A separate abridged application is being submitted by SJRA for the next phase of the sand trap development project (San Jacinto River Sand Trap Development Preliminary Design).
- B) For the purposes of SVI and AMHI and other census bureau data calculations, the project benefit area was considered as any census block group within or "more than minimally" overlapping (i.e. approximately more than 10% overlapping) the boundaries of the Upper San Jacinto River Basin (Lake Houston watershed), as the goal of the project is to analyze sedimentation within the entire basin. See Attachment A for project benefit area map, and Attachment G for a map of the Upper San Jacinto River Basin. Direct benefit areas for any individual future projects, efforts, or practices resulting from or using data developed as part of this project would be determined as those projects/efforts/practices are developed.
- C) It is anticipated that this study can be completed within 48 months, as indicated in the Prioritization Criteria section below. The duration of the study is anticipated to be significantly shorter than 48 months (18 months or less), but there is expected to be a delay in starting the study due to the need to allow for short-term budgeting uncertainties related to COVID-19 to be resolved. This delay will also allow for results of SJRA's San Jacinto River Sand Trap Development pilot project (preliminary design for that project submitted as a separate FIF abridged application) to be obtained and used as input in this study.
- D) While this application is for planning/study efforts only, the main goal of the study is to identify sedimentation solutions in the region and provide data and guidance for future sedimentation reduction projects, efforts, and practices. Any sedimentation reduction activity in the Upper San Jacinto River Basin (Lake Houston watershed) is anticipated to achieve some level of reduction of sediment load entering Lake Houston, which would in turn reduce storage reduction in the lake, which is the major water supply reservoir for the City of Houston and surrounding communities.

- E) As a study with the goal of identifying sedimentation solutions, the level of flood mitigation to be provided by those solutions is not quantified at this time. One of the goals of any sedimentation reduction project, effort, or practice resulting or using data from this study would be to restore, maintain, or expand storm flow capacity, which could potentially remove structures from the floodplain. Flood mitigation provided by these future projects/efforts/practices could benefit areas impacted by Hurricane Harvey and Tropical Storm Imelda (See Attachment D), as well as other recent and historical storms, potentially including, but not necessarily limited to, Hurricanes Ike and Rita and storms in 1994, 1998, 2015, and 2016.
- F) The San Jacinto River Authority (SJRA) Flood Management Division is focused on creating and sustaining regional flood management partnerships and coordinating with stakeholders to provide regional flood mitigation solutions within the San Jacinto River Basin. Created in 2018 in response to Governor Abbott calling on SJRA to become more involved with regional flood management, the Division has acted cooperatively with various political subdivisions throughout the region to address flood control/mitigation needs within the jurisdictional area of SJRA, and is now leading efforts with other entities to submit multiple abridged FIF funding applications for projects which span the Upper San Jacinto River Basin (Lake Houston watershed). For this specific application, SJRA coordinated with HCFCD and the City of Houston/Coastal Water Authority. HCFCD is a technical partner on SJRA's separate sand trap development project, referenced in item (A) above, from which relevant data and findings will be utilized by this project.
- G) This project is being submitted as a Category 1 project as it is for the purpose of providing evaluation of, and identification of solutions in response to, sedimentation issues across the entire Upper San Jacinto River Basin (Lake Houston watershed), which is larger than a HUC-10 watershed and in fact fully encompasses multiple HUC-10 watersheds. See Attachment G for a map of the Upper San Jacinto River Basin.

INFORMATION FOR GRANT FUNDING

Provide information for the applicable level of grant funding:

Category 1:

Study area AMHI (weighted average based on population)-\$88,437.90

(Optional – attached a copy of federal disaster declaration – flood related within the last 60 months) See
Attachment D

~~Categories 2, 3, and 4 N/A~~

- For consideration of being outside MSA: Project is entirely located outside of an MSA - Yes _____ or No _____
- Project area AMHI (weighted average based on population)-\$_____
- Project area Unemployment Rate (weighted average based on population) _____ %
- Project area Population Decline (if any) (based on sum of the population in the project areas)-_____ %
- For consideration of being an Rural Applicant: All entities within the project benefit area are outside MSAs and have populations <10,000; or the applicant is a district or municipality with a service area of 10,000 or less in population; or located in a county in which no urban area exceeds 50,000 in population - Yes _____ or No _____
- For consideration of being a Green or Nature-Based project: Percentage of total project costs that are considered green or nature-based- _____ % (attach the calculation)

Note: If requesting grant funds that rely on a calculation of the AMHI, Unemployment Rate, or Population Decline then attach the calculation of the weighted average amounts for the project area based on the applicable U.S. Census Bureau geographic areas such as County, Place (City), Census Tract, or Block Group using the ACS data sources described in the IUP. See Attachment B for US Census Bureau data calculations. See item (B) in Description of Proposed Project for explanation of project benefit area.

During census data compilation efforts for abridged grant applications, it was noted by SJRA staff that the number of block groups included in each project benefit area did not always necessarily correlate to the same number of rows of census data in the census data spreadsheet provided by TWDB when queries were run to extract only the spreadsheet data related to the block groups for specific project benefit areas. This is not necessarily the case on all projects/grant applications submitted by SJRA, but SJRA wanted to make TWDB aware of this inconsistency.

PRIORITIZATION CRITERIA

<p>Rural Applicant</p> <p>All entities within the project benefit area are (a) outside MSAs and have populations <10,000; or (b) a district or municipality with a service area of 10,000 or less in population; or (c) a county in which no urban area exceeds 50,000 in population.</p>	<p><input type="checkbox"/> Yes <i>(Please attach a list of all entities in the project benefit area and U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates data indicating the population of each area.)</i></p> <p><input checked="" type="checkbox"/> No</p>
<p>Emergency Need Due to Recent or Imminent Failure or recent Flood-related Disaster Declarations.</p> <p>A need exists for flood hazard mitigation actions to address a clear and imminent threat to public health, safety, and welfare or property due to recent or imminent failure of existing flood infrastructure or flood-related federal or state disaster declarations within the most recent 36 months that would be significantly mitigated by the proposed project.</p>	<p><input type="checkbox"/> Yes, due to a recent failure. <input type="checkbox"/> Yes, due to imminent failure.</p> <p><input checked="" type="checkbox"/> Yes, recent flood-related disaster declaration for the proposed project area</p> <p><input type="checkbox"/> No</p> <p>Hurricane Harvey (FEMA-4332-DR) and Tropical Storm Imelda (FEMA-4466-DR). See Attachment D and item (E) in <u>Description of Proposed Project</u>.</p>
<p>Distributed Benefits</p> <p>Is the project expected to directly benefit or include the active participation of jurisdictions other than the applicant?</p>	<p><input checked="" type="checkbox"/> Yes</p> <p>Potential benefits to multiple entities within the basin. Multiple entities coordinated with as part of application development process, and SJRA anticipates partnering with other entities on project execution. See items (B) and (F) in <u>Description of Proposed Project</u> and Attachment A.</p> <p><input type="checkbox"/> No</p>

Estimated Completion Date <p>When would all project phases expected to be complete, assuming funds for the project are closed on in Fall of the current year?</p>	<input type="checkbox"/> Within 18 months of closing <input type="checkbox"/> Within 36 months of closing <input checked="" type="checkbox"/> Other <p style="color: red;">48 months. See item (C) in Description of Proposed Project for more information.</p>
Construction Projects Only (Including PAD plus Construction combined) <p>Project is anticipated to result in an integral, reliable, and quantifiable water supply benefit to a specific water user group with an identified need. May include groundwater recharge benefits.</p>	<input checked="" type="checkbox"/> Yes <p style="color: red;">Not a construction project. However, the goal of the study is to identify sedimentation solutions (projects/efforts/practices) in the region, which could in turn result in water supply benefits in Lake Houston. See item (D) in Description of Proposed Project for explanation.</p> <input type="checkbox"/> No
Construction Projects Only (Including PAD plus Construction combined) <p>How many structures are anticipated to be removed from floodplains as a result of the proposed project?</p>	<p>Not a construction project. However, the goal of any sedimentation reduction project/effort/practice resulting or using data from this study would be to restore, maintain, or expand storm flow capacity, which could potentially remove structures from the floodplain. See item (E) in Description of Proposed Project.</p>
Non-structural flood mitigation elements <p>Non-structural flood mitigation elements constitute at least 20 percent of the total project costs.</p>	<p>Percentage of total project costs that are considered nature-based- 0% <p style="color: red;">There is a possibility that future projects/efforts/practices resulting or using data from this study could be partially nature-based/non-structural.</p> </p>

<p>Tiebreaker:</p> <p>Social Vulnerability Index (SVI)</p>	<p>Average SVI of benefitting area: 0.3204</p> <p>Geographic basis: <input checked="" type="checkbox"/> Census Tracts <input type="checkbox"/> Counties</p> <p><i>Please attach a list of the selected geographies and an explanation of why they were selected. See item (B) in <u>Description of Proposed Project</u> for explanation of project benefit area. See Attachment A for project benefit area map. See Attachment B for SVI calculations. 2018 CDC statewide ranking SVI data was utilized, as opposed to 2016 nationwide ranking data found in the CDC SVI map referenced in the IUP. This was confirmed as appropriate by TWDB via email.</i></p>
<p>Certification on MOUs (if MOUs will be required)</p> <p>If no MOUs will be required, check here: <input checked="" type="checkbox"/></p> <p>N/A for Category 1 projects per Intended Use Plan.</p>	<p>I, _____ (Name), serving as _____ (Title) hereby certify that _____ (Applicant) has provided all eligible political subdivisions that will be required to submit a Memorandum of Understanding a copy of their proposed Memorandum of Understanding and an adequately detailed description of the proposed project.</p> <p>_____ Signature _____ Date</p>

ADDITIONAL INFORMATION FOR THE FLOOD INFORMATION CLEARINGHOUSE COMMITTEE

Responses to questions 1 through 7, along with other information included in this abridged application, will be shared with the Flood Information Clearinghouse Committee (FLICC), a new cooperative effort between the TWDB, General Land Office, Texas Division of Emergency Management, and other state and federal agencies that administer flood mitigation financial assistance programs. After review by the FLICC, the applicant may be advised of other available source(s) of funding.

1. Type of Assistance Requested (Check all that apply):	<input type="checkbox"/> Low Interest Loan <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan/Grant Combination <input type="checkbox"/> Local Match for Federal Funding
If requesting funds for the local cost share of a federally funded project, the name of the program:	N/A
2. County(ies) in which the project is located:	This phase of project is a study only. Study area will cover all or parts of following counties: Harris, Montgomery, Grimes, Walker, San Jacinto, Liberty, and Waller. See item (B) in <u>Description of Proposed Project</u> for explanation.
3. (If applicable) Associated FEMA disaster name and number:	Hurricane Harvey (FEMA-4332-DR) and Tropical Storm Imelda (FEMA-4466-DR), see Attachment D
4. Does the applicant have an approved Mitigation Action Plan?	No
5. Is the community to be served by the project in good standing with the National Flood Insurance Program?	Yes, see Attachment E.
6. Will this project involve enlargement of a dam or levee beyond the original footprint of the structure that existed prior to a disaster event?	No
7. Will this project mitigate a repetitive or severe repetitive loss property?	See Attachment D and item (E) in <u>Description of Proposed Project</u> .

CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

<p>Certification on enforcing floodplain management standards</p> <p>Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/></p>	<p>I, _____ (Name), serving as _____ (Title) hereby certify that _____ (Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.</p> <p>_____ Signature</p> <p>_____ Date</p>
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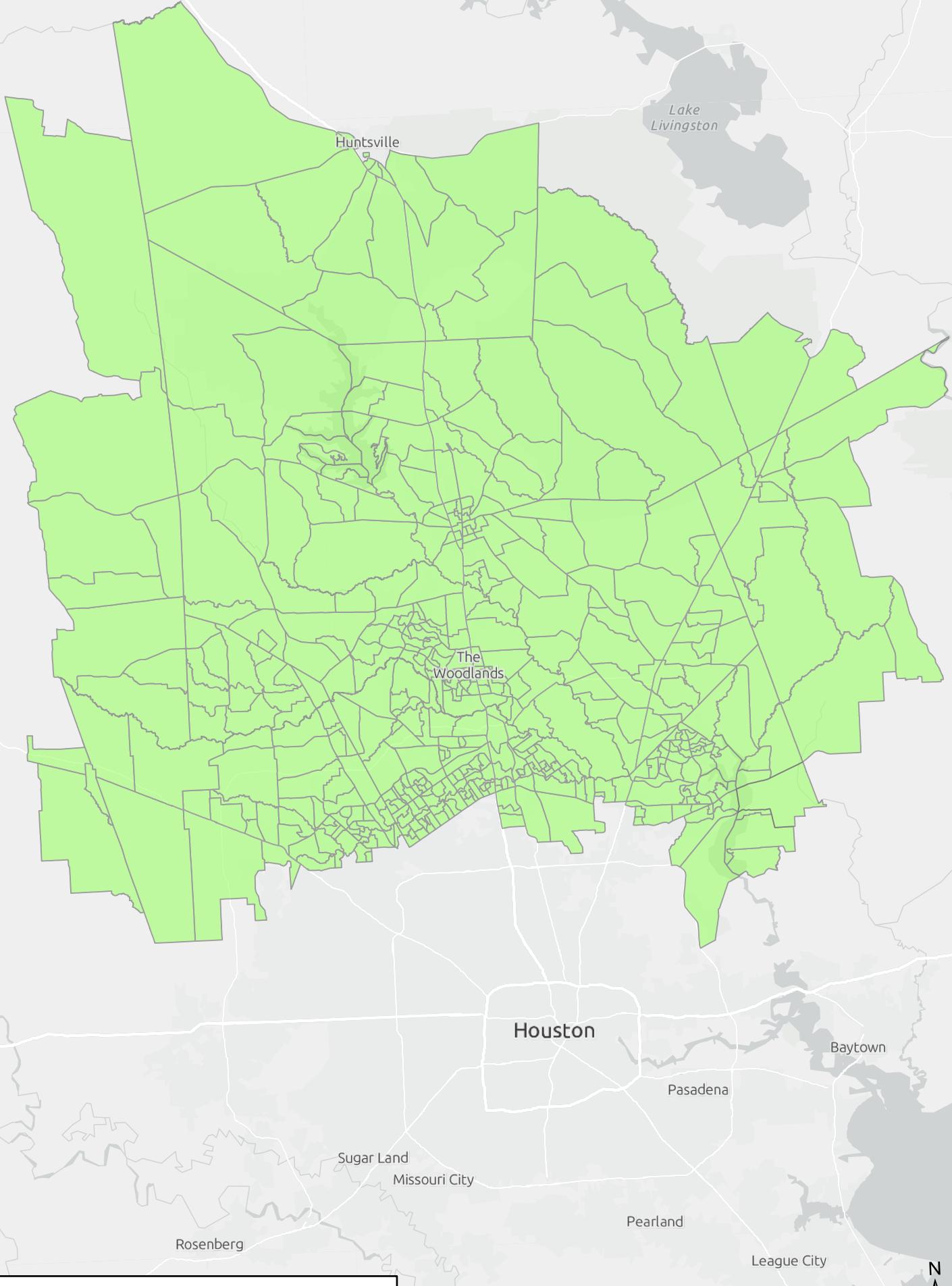
SEE ATTACHMENT E

ATTACHMENT CHECKLIST

- | | | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <u>N/A</u> | <u>Attachment Description</u> |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | List of entities receiving the proposed MOU and project description N/A for Category 1 projects per Intended Use Plan . |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Benefit-Cost Ratio required information. N/A for study/non-construction projects per Intended Use Plan . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Documentation indicating the best/most recent data was used in the development of the proposed project. See item (A) in <u>Description of Proposed Project</u> . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Documentation demonstrating the area to be served by the proposed project has floodplain ordinances in place and the appropriate entity has certified that it is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards. (The only exception is an entity that is requesting FIF funding to fulfill the requirements for participation in the National Flood Insurance Program.) See Attachment E . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | If requesting grant funds that rely on a calculation of the AMHI, Unemployment Rate, or Population Decline then attach the calculation of the weighted average amounts for the project area based on the applicable U.S. Census Bureau geographic areas such as County, Place (City), Census Tract, or Block Group and the ACS data sources described in the IUP. See Attachments A and B . |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | If requesting prioritization points for "Rural Applicant", a list of all entities in the project benefit area and U.S. Census Bureau 2014-2018 American Community Survey (ACS) 5-year estimates data indicating the population of each area. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | (If applying for matching funds) Documentation of an existing federal award pending availability of local match. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | (If the project involves property acquisitions) Documentation supporting the determination that acquisitions are the best solution and the properties are a high risk. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | (Construction projects) Description of the anticipated funding source for operations and maintenance costs. Not a construction project . |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | (Construction projects) Map and description of area benefitting from the proposed project, including a list of all benefitting political subdivisions. Not a construction project . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | (If applicable) Documentation of recent or imminent infrastructure failure causing an emergency need or a flood-related federal or state disaster declaration within the most recent 36 months that would be significantly mitigated by the proposed project. Hurricane Harvey (FEMA-4332-DR) and Tropical Storm Imelda (FEMA-4466-DR) , see Attachment D and item (E) in <u>Description of Proposed Project</u> . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | List and explanation of geographies used to determine average SVI. See SVI section of <u>Prioritization Criteria</u>, item (B) in <u>Description of Proposed Project</u>, and Attachments A and B . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Certification on enforcing floodplain management standards for all applicable areas See Attachment E . |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Additional Information for the Flood Information Clearinghouse Committee |

Attachment A:

Project Benefit Area



Census Block Groups of the Upper River Basin



Attachment B:

Census/SVI Data and Calculations

Overall SVI	Geography List	Block Group	Tracts	County FIPS	County	2018 ACS 5 YR - Annual Median Household Income (B19013_001E)	2018 ACS 5 YR - Average Household Size (B25010_001E)	2014 ACS 5 YR - Total Population (B01003_001E) - Prior	2018 ACS 5 YR - Total Population (B01003_001E) - Current	2018 Unemployment Rate (derived from Civilian Labor Force - Unemployed/Total-B23025)	2018 ACS 5 YR - Civilian Labor Force: Total (B23025_003E)	2018 ACS 5 YR - Civilian Labor Force: Unemployed (B23025_005E)	AMHI x 2018 Population	Unemployment x 2018 Population	SVI x 2018 Population
0.4255	Block Group 3, Census Tract 6942.01, Montgomery County, Texas	3	694201	48339	Montgom	70581	2.61	2663	2752	2.36	1184	28	194238912	6494.72	1171
0.4495	Block Group 5, Census Tract 6902.02, Montgomery County, Texas	5	690202	48339	Montgom	130000	3.17	1477	2235	3.69	1275	47	290550000	8247.15	1005
0.1189	Block Group 6, Census Tract 6920.01, Montgomery County, Texas	6	692001	48339	Montgom	75321	2.18	1049	1062	0	695	0	79990902	0	126
0.2439	Block Group 1, Census Tract 7903, Walker County, Texas	1	790300	48471	Walker	44583	2.23	1682	1545	11.27	577	65	68880735	17412.15	377
0.2439	Block Group 2, Census Tract 7903, Walker County, Texas	2	790300	48471	Walker	42708	2.51	629	1074	5.46	531	29	45868392	5864.04	262
0.2439	Block Group 3, Census Tract 7903, Walker County, Texas	3	790300	48471	Walker	86250	2.34	2342	3069	0	1241	0	264701250	0	749
0.663	Block Group 4, Census Tract 7902, Walker County, Texas	4	790200	48471	Walker	72031	3.56	1955	1678	3.34	689	23	120868018	5604.52	1113
0.663	Block Group 2, Census Tract 7902, Walker County, Texas	2	790200	48471	Walker	36900	2.52	1108	1673	3.63	689	25	61733700	6072.99	1109
0.2439	Block Group 3, Census Tract 7903, Walker County, Texas	4	790300	48471	Walker	76250	2.51	835	1113	2.33	514	12	8486250	2939.29	271
0.663	Block Group 1, Census Tract 7902, Walker County, Texas	1	790200	48471	Walker	53929	2.58	2234	2050	0.67	599	4	110554450	1373.5	1359
0.1847	Block Group 2, Census Tract 6904.01, Montgomery County, Texas	2	690401	48339	Montgom	138235	3.78	1459	2368	3.58	1088	39	327340480	8477.44	437
0.235	Block Group 2, Census Tract 6902.01, Montgomery County, Texas	2	690201	48339	Montgom	73089	2.85	5050	4979	3.86	2462	95	363910131	19218.94	1170
0.3848	Block Group 4, Census Tract 6904.02, Montgomery County, Texas	4	690402	48339	Montgom	116226	2.96	4903	7092	0.72	3915	28	824274792	5106.24	279
0.235	Block Group 1, Census Tract 6902.01, Montgomery County, Texas	1	690201	48339	Montgom	74250	2.77	1250	1610	1.67	1078	18	119542500	2688.7	378
0.317	Block Group 2, Census Tract 6901, Montgomery County, Texas	2	690100	48339	Montgom	39142	2.91	3266	3376	6.89	1451	100	132143392	23260.64	1070
0.0833	Block Group 2, Census Tract 6945, Montgomery County, Texas	2	694500	48339	Montgom	126989	3.06	5265	10193	3.53	5157	182	1294398877	35981.29	849
0.0031	Block Group 2, Census Tract 6913.01, Montgomery County, Texas	2	691301	48339	Montgom	164500	2.89	1940	1771	3.34	867	29	291329500	5915.14	5
0.1177	Block Group 4, Census Tract 6906.02, Montgomery County, Texas	4	690602	48339	Montgom	199912	3.28	3513	3069	8.36	1388	116	613529928	25656.84	361
0.4495	Block Group 3, Census Tract 6902.02, Montgomery County, Texas	3	690202	48339	Montgom	65368	3.06	1098	1409	17.08	638	109	92103512	24065.72	633
0.1847	Block Group 1, Census Tract 6904.01, Montgomery County, Texas	1	690401	48339	Montgom	90683	3.12	4919	5140	8.59	2864	246	466110620	44152.6	949
0.2185	Block Group 1, Census Tract 6906.01, Montgomery County, Texas	1	690601	48339	Montgom	124896	2.99	6512	5146	8.49	2237	190	642714816	43689.54	1124
0.2185	Block Group 4, Census Tract 6906.01, Montgomery County, Texas	4	690601	48339	Montgom	54602	2.28	3347	3402	9.03	1484	134	185756004	30720.06	743
0.3848	Block Group 5, Census Tract 6904.02, Montgomery County, Texas	5	690402	48339	Montgom	59705	3.8	4011	3733	6.49	1977	69	228287865	24227.17	1436
0.6129	Block Group 2, Census Tract 1801.02, Grimes County, Texas	2	180102	48185	Grimes	40259	3	1669	2336	3.64	715	26	94045024	8503.04	1432
0.6559	Block Group 5, Census Tract 1802, Grimes County, Texas	5	180200	48185	Grimes	44926	2.85	1250	1520	1.85	650	12	68287520	2812	997
0.5225	Block Group 2, Census Tract 1803.02, Grimes County, Texas	2	180302	48185	Grimes	40292	2.67	1595	1476	2.81	712	20	59470992	4147.56	771
0.2867	Block Group 2, Census Tract 5526.02, Harris County, Texas	2	552602	48201	Harris	93173	2.65	2418	2041	10.08	1091	110	190166093	20573.28	585
0.1177	Block Group 2, Census Tract 6906.02, Montgomery County, Texas	2	690602	48339	Montgom	123872	3.35	7572	9978	2.53	4472	113	1235994816	25244.34	1174
0.2185	Block Group 5, Census Tract 6906.01, Montgomery County, Texas	5	690601	48339	Montgom	141367	2.88	1471	2015	9.17	916	84	284854505	18477.55	440
0.2185	Block Group 6, Census Tract 6906.01, Montgomery County, Texas	6	690601	48339	Montgom	167300	2.99	3201	2307	3.44	1221	42	385961100	7936.08	504
0.1177	Block Group 3, Census Tract 6906.02, Montgomery County, Texas	3	690602	48339	Montgom	162872	3.31	5784	8570	1.29	3499	45	1395813040	11055.3	1009
0.437	Block Group 2, Census Tract 6913.02, Montgomery County, Texas	2	691302	48339	Montgom	30184	2.01	2531	2651	0	1380	0	80017784	0	1158
0.2005	Block Group 4, Census Tract 6915, Montgomery County, Texas	4	691500	48339	Montgom	34750	2.06	1199	956	3.85	520	20	33221000	3680.6	192
0.1189	Block Group 5, Census Tract 6920.01, Montgomery County, Texas	5	692001	48339	Montgom	116457	3.2	5687	7656	3.1	3873	120	891594792	23733.6	910
0.312	Block Group 1, Census Tract 5556, Harris County, Texas	1	555600	48201	Harris	103750	3.52	3384	4659	4.15	1998	83	483371250	19334.85	1454
0.2867	Block Group 1, Census Tract 5526.02, Harris County, Texas	1	552602	48201	Harris	65157	2.05	4286	4923	5.94	3218	191	320767911	29242.62	1411
0.313	Block Group 3, Census Tract 6911, Montgomery County, Texas	3	691900	48339	Montgom	94885	3.76	2123	2641	0	1387	0	250591285	0	827
0.3654	Block Group 5, Census Tract 6923, Montgomery County, Texas	5	692300	48339	Montgom	116474	3.14	5494	9961	4.06	6034	245	1160197514	40441.66	3640
0.1189	Block Group 2, Census Tract 6920.01, Montgomery County, Texas	2	692001	48339	Montgom	94890	3.07	9034	10045	6.61	5177	342	953170050	66397.45	1194
0.1189	Block Group 1, Census Tract 6920.01, Montgomery County, Texas	1	692001	48339	Montgom	126220	3.4	8070	10686	5.52	5547	306	1348786920	58986.72	1271
0.1189	Block Group 3, Census Tract 6920.01, Montgomery County, Texas	3	692001	48339	Montgom	71952	3.05	5719	3475	2.07	1980	41	250303200	7193.25	413
0.1275	Block Group 1, Census Tract 6943.01, Montgomery County, Texas	1	694301	48339	Montgom	97286	2.14	3218	3606	13.61	1359	185	350813316	49077.66	460
0.1884	Block Group 3, Census Tract 6942.02, Montgomery County, Texas	3	694202	48339	Montgom	90104	2.35	1928	1940	11.32	1034	117	174801760	21960.8	365
0.5013	Block Group 2, Census Tract 6941.02, Montgomery County, Texas	2	694102	48339	Montgom	85144	3.32	1823	994	0	503	0	84633136	0	498
0.5319	Block Group 1, Census Tract 6928.01, Montgomery County, Texas	1	692801	48339	Montgom	76544	2.73	2541	2552	5.31	1206	64	195340288	13551.12	1357
0.7231	Block Group 1, Census Tract 6928.02, Montgomery County, Texas	1	692802	48339	Montgom	54271	4.06	1496	2833	5.23	1205	63	153749743	14816.59	2049
0.5227	Block Group 3, Census Tract 6927, Montgomery County, Texas	3	692700	48339	Montgom	68403	3.23	2601	3564	2.04	1764	36	243788292	7270.56	1863
0.1344	Block Group 2, Census Tract 6905, Montgomery County, Texas	2	690500	48339	Montgom	129612	3.16	3340	5787	3.52	2984	105	750064644	20370.24	778
0.64	Block Group 4, Census Tract 6922, Montgomery County, Texas	4	692200	48339	Montgom	52299	2.52	772	1248	0	438	0	65269152	0	799
0.1884	Block Group 2, Census Tract 6942.02, Montgomery County, Texas	2	694202	48339	Montgom	69250	3.17	1879	1812	6.09	804	49	125481000	11035.08	341
0.1884	Block Group 5, Census Tract 6942.02, Montgomery County, Texas	5	694202	48339	Montgom	111406	1.75	975	554	0	258	0	61718924	0	104
0.8696	Block Group 2, Census Tract 6926.01, Montgomery County, Texas	2	692601	48339	Montgom	44567	4.32	1333	2313	11.4	939	107	103083471	26368.2	2011
0.8562	Block Group 3, Census Tract 6926.02, Montgomery County, Texas	3	692602	48339	Montgom	45689	3.38	2147	2384	25.45	1226	312	108922576	60672.8	2041
0.5348	Block Group 1, Census Tract 6929, Montgomery County, Texas	1	692900	48339	Montgom	74052	3.41	2232	3215	12.54	1483	186	238071780	40316.1	1719
0.1189	Block Group 4, Census Tract 6920.01, Montgomery County, Texas	4	692001	48339	Montgom	113504	3.27	2081	2162	3.66	1395	51	245395648	7912.92	257
0.2185	Block Group 2, Census Tract 6906.01, Montgomery County, Texas	2	690601	48339	Montgom	132214	2.85	2201	2316	3.98	1130	45	306207624	9217.68	506
0.1177	Block Group 1, Census Tract 6906.02, Montgomery County, Texas	1	690602	48339	Montgom	223411	2.75	3998	3812	4.48	1762	79	851642732	17077.76	449
0.6638	Block Group 2, Census Tract 6803, Waller County, Texas	2	680300	48473	Waller	33583	2.48	1077	1261	0	630	0	42348163	0	837
0.6638	Block Group 3, Census Tract 6803, Waller County, Texas	3	680300	48473	Waller	36448	2.88	1631	2419	4.82	1224	59	88167712	11659.58	1606
0.1573	Block Group 2, Census Tract 2507.02, Harris County, Texas	2	250702	48201	Harris	96607	2.86	3032	2653	10.42	1401	146	256298371	27644.26	417
0.1346	Block Group 2, Census Tract 5553.02, Harris County, Texas	2	555302	48201	Harris	145167	3.23	10627	15214	3.33	7050	235	220857038	50662.62	2048

0.4255	Block Group 1, Census Tract 6942.01, Montgomery County, Texas	1	694201	48339	Montgom	40000	2.95	2328	2955	10.36	1120	116	118200000	30613.8	1257
0.4255	Block Group 2, Census Tract 6942.01, Montgomery County, Texas	2	694201	48339	Montgom	81808	2.61	1053	1723	0	972	0	140955184	0	733
0.313	Block Group 1, Census Tract 6919, Montgomery County, Texas	1	691900	48339	Montgom	94567	3.13	2924	2851	1.36	1765	24	269610517	3877.36	892
0.1275	Block Group 3, Census Tract 6943.01, Montgomery County, Texas	3	694301	48339	Montgom	70653	2.37	3940	4619	4.62	1795	83	326346207	21339.78	589
0.4495	Block Group 4, Census Tract 6902.02, Montgomery County, Texas	4	690202	48339	Montgom	77270	4.02	1153	2177	5.35	804	43	168216790	11646.95	979
0.6824	Block Group 3, Census Tract 6935, Montgomery County, Texas	3	693500	48339	Montgom	35197	2.25	1628	1043	3.08	649	20	36710471	3212.44	712
0.7684	Block Group 1, Census Tract 7001, Liberty County, Texas	1	700100	48291	Liberty	50625	3.69	2334	1497	2.44	614	15	75785625	3652.68	1150
0.3416	Block Group 4, Census Tract 2411.02, Harris County, Texas	4	241102	48201	Harris	72188	3.1	6277	6773	4.51	3723	168	488929324	30546.23	2314
0.2041	Block Group 1, Census Tract 2507.01, Harris County, Texas	1	250701	48201	Harris	94318	3.49	1662	1935	4.56	965	44	182505330	8823.6	395
0.3105	Block Group 1, Census Tract 2510, Harris County, Texas	1	251000	48201	Harris	65966	2.53	2302	1877	8.64	995	86	123818182	16217.28	583
0.1573	Block Group 1, Census Tract 2507.02, Harris County, Texas	1	250702	48201	Harris	116123	3.29	1691	2280	5.17	1277	66	264760404	11787.6	359
0.4497	Block Group 1, Census Tract 2409.02, Harris County, Texas	1	240902	48201	Harris	26566	2.31	998	875	0	414	0	23245250	0	393
0.2166	Block Group 3, Census Tract 2413, Harris County, Texas	3	241300	48201	Harris	103523	3.03	4969	6177	4.36	3346	146	639461571	26931.72	1338
0.3788	Block Group 1, Census Tract 2414, Harris County, Texas	1	241400	48201	Harris	67841	2.76	2551	3049	5.69	1565	89	206847209	17348.81	1155
0.3416	Block Group 1, Census Tract 2411.02, Harris County, Texas	1	241102	48201	Harris	67337	2.95	1176	1236	3.69	840	31	83228532	4560.84	422
0.4422	Block Group 1, Census Tract 2411.03, Harris County, Texas	1	241103	48201	Harris	40801	2.43	2593	2343	7.34	1240	91	95596743	17397.62	1036
0.1392	Block Group 1, Census Tract 2514.02, Harris County, Texas	1	251402	48201	Harris	72808	2.62	2761	2537	2.95	1424	42	184713896	7484.15	353
0.206	Block Group 1, Census Tract 5555, Harris County, Texas	1	555100	48201	Harris	100077	3.13	3191	4532	3.37	2521	85	455348964	15272.84	934
0.206	Block Group 3, Census Tract 5551, Harris County, Texas	3	555100	48201	Harris	78279	3.25	1965	2308	6.8	1324	90	180667932	15694.4	475
0.0588	Block Group 1, Census Tract 2515.03, Harris County, Texas	1	251503	48201	Harris	98929	2.84	2217	2258	2.2	1045	23	223381682	4967.6	133
0.0252	Block Group 1, Census Tract 2514.01, Harris County, Texas	1	251401	48201	Harris	107880	3.12	2695	2894	4.02	1593	64	31204720	11633.88	73
0.5071	Block Group 2, Census Tract 2407.01, Harris County, Texas	2	240701	48201	Harris	51725	3.23	9255	7300	6.15	3936	242	377592500	44895	3702
0.5668	Block Group 1, Census Tract 2404, Harris County, Texas	1	240400	48201	Harris	63250	2.85	4109	4116	0	2000	0	260337000	0	2333
0.5071	Block Group 1, Census Tract 2407.01, Harris County, Texas	1	240701	48201	Harris	50647	3.07	6398	6714	1.12	3378	38	340043958	7519.68	3405
0.3998	Block Group 1, Census Tract 5523.02, Harris County, Texas	1	552302	48201	Harris	65939	2.4	4080	3436	3.7	1893	70	226566404	12713.2	1374
0.1133	Block Group 1, Census Tract 5544.01, Harris County, Texas	1	554401	48201	Harris	141599	3.16	5605	4968	1.75	2509	44	703463832	8694	563
0.616	Block Group 2, Census Tract 5531, Harris County, Texas	2	553100	48201	Harris	78594	2.52	1128	1327	0	782	0	104294238	0	817
0.616	Block Group 4, Census Tract 5531, Harris County, Texas	4	553100	48201	Harris	43405	2	1939	1262	10.08	784	79	54777110	12720.96	777
0.0622	Block Group 1, Census Tract 5535, Harris County, Texas	1	553500	48201	Harris	64707	2.66	2501	2751	4.29	1586	68	178008957	11801.79	171
0.7924	Block Group 1, Census Tract 5532, Harris County, Texas	1	553200	48201	Harris	53403	2.35	1946	1819	0	970	0	97140057	0	1441
0.7924	Block Group 2, Census Tract 5532, Harris County, Texas	2	553200	48201	Harris	44176	2.7	1655	1566	8.57	910	78	69179616	13420.62	1241
0.7924	Block Group 3, Census Tract 5533, Harris County, Texas	3	553200	48201	Harris	37926	2.26	2300	2615	6.6	1333	88	99176490	17259	2072
0.7473	Block Group 2, Census Tract 5533, Harris County, Texas	2	553300	48201	Harris	31325	2.11	2927	2636	4.26	1549	66	87317500	11229.36	1970
0.0459	Block Group 2, Census Tract 5545, Harris County, Texas	2	554600	48201	Harris	142604	2.62	2317	2133	5.74	1149	66	304174332	12243.42	98
0.0574	Block Group 2, Census Tract 5547, Harris County, Texas	2	554700	48201	Harris	118945	2.87	5533	5347	2.73	2781	76	635998915	14597.31	307
0.1703	Block Group 1, Census Tract 5549.02, Harris County, Texas	1	554902	48201	Harris	87699	2.85	4833	5119	3.43	2943	101	448931181	17558.17	872
0.2337	Block Group 2, Census Tract 5550, Harris County, Texas	2	555000	48201	Harris	83906	3.32	3809	4324	14.04	2173	305	362809544	60708.96	1011
0.206	Block Group 2, Census Tract 5551, Harris County, Texas	2	555100	48201	Harris	68345	3.31	3286	3907	3.16	1964	62	267023915	12346.12	805
0.727	Block Group 1, Census Tract 5554.02, Harris County, Texas	1	555402	48201	Harris	44309	2.72	1910	1698	12.84	927	119	75236682	21802.32	1234
0.727	Block Group 2, Census Tract 5554.02, Harris County, Texas	2	555402	48201	Harris	44401	2.4	3425	2684	7.9	1164	92	119172284	21203.6	1951
0.727	Block Group 3, Census Tract 5554.02, Harris County, Texas	3	555402	48201	Harris	78333	2.84	2154	2574	10.08	1280	129	201629142	25945.92	1871
0.7103	Block Group 3, Census Tract 5568, Harris County, Texas	3	556000	48201	Harris	64978	3.04	3600	3613	1.97	1875	37	234765514	7117.61	2566
0.0829	Block Group 3, Census Tract 5543.01, Harris County, Texas	3	554301	48201	Harris	100750	3.2	1517	2040	11.84	1005	119	205530000	24153.6	169
0.0829	Block Group 2, Census Tract 5543.01, Harris County, Texas	2	554301	48201	Harris	118398	2.74	2073	1904	3.82	995	38	225429792	7273.28	158
0.0829	Block Group 4, Census Tract 5543.01, Harris County, Texas	4	554301	48201	Harris	84591	2.59	1753	1733	7.11	1055	75	146596203	12321.63	144
0.126	Block Group 1, Census Tract 5543.02, Harris County, Texas	1	554302	48201	Harris	62917	3.5	1861	2148	3.34	1017	34	135145716	7174.32	271
0.0459	Block Group 1, Census Tract 5546, Harris County, Texas	1	554600	48201	Harris	122875	2.94	2410	2353	9.15	1158	106	289124875	21295.95	108
0.7684	Block Group 3, Census Tract 7001, Liberty County, Texas	3	700100	48291	Liberty	35982	2.43	1951	1697	12.03	748	90	61061454	20414.91	1304
0.5048	Block Group 2, Census Tract 7002, Liberty County, Texas	2	700200	48291	Liberty	47763	3.56	1941	2186	9.42	743	70	104049918	20592.12	1103
0.8919	Block Group 5, Census Tract 7003, Liberty County, Texas	5	700300	48291	Liberty	36354	3.37	2464	2446	0	810	0	88921884	0	2182
0.5048	Block Group 1, Census Tract 7004, Liberty County, Texas	1	700400	48291	Liberty	44919	2.7	1838	2524	5.7	1106	63	113375556	14386.8	1274
0.8919	Block Group 4, Census Tract 7004, Liberty County, Texas	4	700300	48291	Liberty	49404	2.82	811	826	1.46	412	6	40837440	1205.96	737
0.7272	Block Group 1, Census Tract 7002, Liberty County, Texas	1	700200	48291	Liberty	38333	2.13	1620	1604	6.31	555	35	61486132	10121.24	1166
0.7684	Block Group 2, Census Tract 7001, Liberty County, Texas	2	700100	48291	Liberty	63958	3.9	410	885	2.6	269	7	56602830	2301	680
0.7272	Block Group 2, Census Tract 7002, Liberty County, Texas	2	700200	48291	Liberty	30569	2.27	1322	1633	5.83	823	48	49919177	9520.39	1188
0.5098	Block Group 1, Census Tract 6940, Montgomery County, Texas	1	694000	48339	Montgom	52375	2.99	2675	3202	1.19	1680	20	167074750	3810.38	1632
0.1561	Block Group 3, Census Tract 6941, Montgomery County, Texas	3	691400	48339	Montgom	58911	1.6	1029	1765	8.21	1388	114	103977915	14490.65	276
0.2005	Block Group 1, Census Tract 6915, Montgomery County, Texas	1	691500	48339	Montgom	115446	2.1	999	636	0	300	0	73423656	0	128
0.2005	Block Group 2, Census Tract 6915, Montgomery County, Texas	2	691500	48339	Montgom	101157	1.92	582	1048	0	673	0	106012536	0	210
0.2005	Block Group 3, Census Tract 6915, Montgomery County, Texas	3	691500	48339	Montgom	66723	2.19	1436	1702	0	1113	0	113562546	0	341
0.2886	Block Group 1, Census Tract 6916.01, Montgomery County, Texas	1	691601	48339	Montgom	68167	2.17	2322	2494	3.78	1163	44	170008498	9427.32	720
0.4666	Block Group 2, Census Tract 6916.02, Montgomery County, Texas	2	691602	48339	Montgom	68438	2.26	2159	1399	5.3	793	42	95744762	7414.7	653
0.2886	Block Group 2, Census Tract 6916.01, Montgomery County, Texas	2	691601	48339	Montgom	96103	2.05	1728	1350	10.33	765	79	129739050	13945.3	390
0.105	Block Group 1, Census Tract 6917, Montgomery County, Texas	1	691700	48339	Montgom	151591	1.76	1859	2876	1.06	1598	17	435797516	3048.56	302
0.5182	Block Group 1, Census Tract 6918, Montgomery County, Texas	1	691800	48339	Montgom	84038	2.16	1072	992	1.07	467	5	8336596	1061.44	514
0.5098	Block Group 2, Census Tract 6940, Montgomery County, Texas	2	694000	48339	Montgom	55481	2.72	1954	1659	7.31	916	67	92042979		

0.64	Block Group 1, Census Tract 6922, Montgomery County, Texas	1	692200	48339	Montgom	61757	3.23	1152	2127	2	850	17	131357139	4254	1361
0.64	Block Group 2, Census Tract 6922, Montgomery County, Texas	2	692200	48339	Montgom	54407	3.23	757	1026	7.87	432	34	55821562	8074.62	657
0.3788	Block Group 2, Census Tract 2414, Harris County, Texas	2	241400	48201	Harris	80440	2.85	2974	3650	3.99	2205	88	293606000	14563.5	1383
0.3654	Block Group 1, Census Tract 6923, Montgomery County, Texas	1	692300	48339	Montgom	66811	4.18	4162	4480	0	1657	0	299313280	0	1637
0.3654	Block Group 4, Census Tract 6923, Montgomery County, Texas	4	692300	48339	Montgom	55322	1.69	2890	2299	3.9	1129	44	127185278	8966.1	840
0.4288	Block Group 3, Census Tract 6924, Montgomery County, Texas	3	692400	48339	Montgom	67052	2.58	6654	6749	2	3608	72	452533948	13498	2894
0.7258	Block Group 2, Census Tract 6925, Montgomery County, Texas	2	692500	48339	Montgom	61175	2.14	1729	1214	6	583	35	74266450	7284	881
0.7258	Block Group 3, Census Tract 6925, Montgomery County, Texas	3	692500	48339	Montgom	52179	3.37	2060	2046	4.37	870	38	106758234	8941.02	1485
0.7258	Block Group 4, Census Tract 6925, Montgomery County, Texas	4	692500	48339	Montgom	45952	3.12	4046	5503	13.94	2748	383	252873856	76711.82	3994
0.5311	Block Group 2, Census Tract 6944, Montgomery County, Texas	2	694400	48339	Montgom	52571	2.83	4233	4872	3.18	2455	78	256125912	15492.96	2588
0.5227	Block Group 1, Census Tract 6927, Montgomery County, Texas	1	692700	48339	Montgom	43988	3.41	2634	2851	5.34	1162	62	125409788	15224.34	1490
0.5319	Block Group 3, Census Tract 6928.01, Montgomery County, Texas	3	692801	48339	Montgom	62591	4.26	1393	2352	2.48	644	16	147214032	5832.96	1251
0.5319	Block Group 2, Census Tract 6928.01, Montgomery County, Texas	2	692801	48339	Montgom	62536	2.83	2537	2709	4.8	1334	64	169410024	13003.2	1441
0.7231	Block Group 2, Census Tract 6928.02, Montgomery County, Texas	2	692802	48339	Montgom	41042	3.34	1556	2328	9.06	883	80	95545776	21091.68	1683
0.7231	Block Group 3, Census Tract 6928.02, Montgomery County, Texas	3	692802	48339	Montgom	65625	3.54	1394	2124	7.3	945	69	139387500	15505.2	1536
0.5319	Block Group 4, Census Tract 6928.01, Montgomery County, Texas	4	692801	48339	Montgom	53750	3.37	2297	1889	2.99	803	24	101533750	5648.11	1005
0.6901	Block Group 2, Census Tract 6930, Montgomery County, Texas	2	693000	48339	Montgom	23914	3	1583	2216	0	1202	0	52993424	0	1529
0.6901	Block Group 3, Census Tract 6930, Montgomery County, Texas	3	693000	48339	Montgom	46963	3.43	1621	2401	3.8	922	35	112758163	9123.8	1657
0.875	Block Group 1, Census Tract 6931.01, Montgomery County, Texas	1	693101	48339	Montgom	28356	3.27	473	958	1.87	375	7	27165048	1791.46	838
0.6358	Block Group 1, Census Tract 6931.02, Montgomery County, Texas	1	693102	48339	Montgom	64531	2.61	1768	2229	2.55	1099	28	143839599	5683.95	1417
0.2089	Block Group 1, Census Tract 6932, Montgomery County, Texas	1	693200	48339	Montgom	96250	3.36	2538	3813	0.67	1649	11	367001250	2554.71	797
0.2089	Block Group 2, Census Tract 6932, Montgomery County, Texas	2	693200	48339	Montgom	93389	2.51	2136	1975	2.32	1076	25	184443275	4582	413
0.2089	Block Group 3, Census Tract 6932, Montgomery County, Texas	3	693200	48339	Montgom	66250	2.2	1457	981	5.19	443	23	64991250	5091.39	205
0.2089	Block Group 4, Census Tract 6932, Montgomery County, Texas	4	693200	48339	Montgom	122460	3.3	2056	1601	5.62	854	48	19058460	8997.62	334
0.3642	Block Group 2, Census Tract 6933, Montgomery County, Texas	2	693300	48339	Montgom	83365	3.07	2828	3519	5.3	1775	94	293361435	18650.7	1282
0.3642	Block Group 3, Census Tract 6933, Montgomery County, Texas	3	693300	48339	Montgom	62500	2.11	2731	3183	3.55	1889	67	198937500	11299.65	1159
0.9545	Block Group 1, Census Tract 6934, Montgomery County, Texas	1	693400	48339	Montgom	29023	3.22	1119	762	4.87	472	23	22115526	3710.94	727
0.6824	Block Group 1, Census Tract 6935, Montgomery County, Texas	1	693500	48339	Montgom	48661	2.24	817	1223	6.75	563	38	59512403	8255.25	835
0.6824	Block Group 2, Census Tract 6935, Montgomery County, Texas	2	693500	48339	Montgom	53638	2.41	3033	2926	8.99	1747	157	156944788	26304.74	1997
0.5828	Block Group 1, Census Tract 6936, Montgomery County, Texas	1	693600	48339	Montgom	39492	1.91	1842	1936	3.48	1005	35	76456512	6737.28	1128
0.5828	Block Group 2, Census Tract 6936, Montgomery County, Texas	2	693600	48339	Montgom	42152	1.77	1898	1893	3.18	1038	33	79793736	6019.74	1103
0.7433	Block Group 1, Census Tract 6937, Montgomery County, Texas	1	693800	48339	Montgom	41539	2.79	4726	4791	6.18	2250	139	199013349	29608.38	3561
0.8155	Block Group 1, Census Tract 6939, Montgomery County, Texas	1	693900	48339	Montgom	30407	3.37	1169	829	0	352	0	25207403	0	676
0.3712	Block Group 2, Census Tract 5542, Harris County, Texas	2	554200	48201	Harris	78606	2.18	4336	4427	3.87	2660	103	347988762	17132.49	1643
0.1229	Block Group 3, Census Tract 5541.02, Harris County, Texas	3	554102	48201	Harris	105174	3.21	3179	3146	12.4	1911	237	330877404	39010.4	387
0.1601	Block Group 3, Census Tract 5544.02, Harris County, Texas	3	554402	48201	Harris	161786	3.13	1224	1828	5.61	981	55	295744808	10255.08	293
0.1601	Block Group 4, Census Tract 5544.02, Harris County, Texas	4	554402	48201	Harris	133958	3.05	1157	1818	15.21	1032	157	243535644	27651.78	291
0.4368	Block Group 3, Census Tract 5548.02, Harris County, Texas	3	554802	48201	Harris	63984	2.66	2739	4335	2.04	2301	47	277307640	8843.4	1894
0.4117	Block Group 1, Census Tract 5549.01, Harris County, Texas	1	554901	48201	Harris	80781	3.47	7302	8498	3.23	4700	152	686476938	27484.54	3499
0.0778	Block Group 1, Census Tract 5545.01, Harris County, Texas	1	554501	48201	Harris	114821	3.23	2142	2869	7.09	1650	117	329421449	20341.21	223
0.0522	Block Group 1, Census Tract 5549.03, Harris County, Texas	1	554903	48201	Harris	109561	3.15	11119	13135	4.73	6581	311	143908375	62128.55	686
0.2337	Block Group 3, Census Tract 5550, Harris County, Texas	3	555000	48201	Harris	80561	2.63	2275	1876	10.28	1031	106	151132436	19285.28	438
0.1229	Block Group 2, Census Tract 5541.02, Harris County, Texas	2	554102	48201	Harris	100833	2.87	3633	3576	2.61	1951	51	360578808	9333.36	439
0.1229	Block Group 1, Census Tract 5541.02, Harris County, Texas	1	554102	48201	Harris	81782	2.83	3521	2969	0	1628	0	242810758	0	365
0.5374	Block Group 3, Census Tract 5527, Harris County, Texas	3	552700	48201	Harris	51579	2.49	2804	3194	5.95	1766	105	1674743326	19004.3	1716
0.7277	Block Group 4, Census Tract 5544.02, Harris County, Texas	4	554402	48201	Harris	57500	2.06	717	837	7.89	355	28	48127500	6603.93	608
0.616	Block Group 1, Census Tract 5531, Harris County, Texas	1	553100	48201	Harris	107900	3.05	2018	1226	3.49	601	21	132854000	4278.74	755
0.3159	Block Group 1, Census Tract 5544.01, Harris County, Texas	1	554401	48201	Harris	67375	2.54	2756	2544	4.72	1249	59	171402000	12007.68	804
0.0584	Block Group 1, Census Tract 5541.01, Harris County, Texas	1	554101	48201	Harris	125208	2.82	1302	1192	7.95	566	45	149247936	9476.4	70
0.2118	Block Group 1, Census Tract 5553.02, Harris County, Texas	1	555301	48201	Harris	97000	3.02	5084	9612	5.24	5034	264	932364000	50366.88	2036
0.145	Block Group 2, Census Tract 5555.02, Harris County, Texas	2	555502	48201	Harris	115431	3.26	9433	12230	4.17	6216	259	1411721130	50999.1	1773
0.8919	Block Group 3, Census Tract 7001, Liberty County, Texas	3	700300	48291	Liberty	60185	3.34	3953	4452	6.37	1617	103	267943620	28359.24	3971
0.0142	Block Group 3, Census Tract 5545.02, Harris County, Texas	3	554502	48201	Harris	142721	3.43	3210	3248	0	1794	0	463557808	0	46
0.3936	Block Group 1, Census Tract 5548.01, Harris County, Texas	1	554801	48201	Harris	72389	3.27	15669	17427	6.2	9900	614	1261523103	108047.4	6859
0.3658	Block Group 1, Census Tract 5529, Harris County, Texas	1	552900	48201	Harris	123675	3.35	1072	1333	11.99	542	65	164858775	15982.67	488
0.4117	Block Group 2, Census Tract 5549.01, Harris County, Texas	2	554901	48201	Harris	61200	3.05	1755	1913	6.21	1112	69	117075600	11879.73	788
0.1346	Block Group 1, Census Tract 5553.02, Harris County, Texas	1	555302	48201	Harris	112888	2.91	3277	3081	5.43	1474	80	347807928	16729.83	415
0.5457	Block Group 1, Census Tract 7005, Liberty County, Texas	1	700500	48291	Liberty	58333	2.67	854	765	15.33	274	42	44624745	11727.45	417
0.3128	Block Group 2, Census Tract 2411.01, Harris County, Texas	2	241101	48201	Harris	71079	3.11	2800	2604	4.45	1393	62	185089716	11587.8	815
0.3128	Block Group 1, Census Tract 2411.01, Harris County, Texas	1	241101	48201	Harris	83194	3.26	1855	2363	4.5	1266	57	196587422	10633.5	739
0.4864	Block Group 4, Census Tract 2001.02, San Jacinto County, Texas	4	200102	48407	San Jacint	61551	3.91	2103	1755	4.08	613	25	108022005	7160.4	854
0.4864	Block Group 5, Census Tract 2001.02, San Jacinto County, Texas	5	200102	48407	San Jacint	31988	2.33	2212	1339	3.07	618	19	42831932	4110.73	651
0.4864	Block Group 1, Census Tract 2001.02, San Jacinto County, Texas	1	200102	48407	San Jacint	58958	4.24	1071	2117	5.94	859	51	124814086	12574.98	1030
0.4864	Block Group 2, Census Tract 2001.02, San Jacinto County, Texas	2	200102	48407	San Jacint	53915	2.48	1128	1320	10.02	589	59	71167800	13226.4	642
0.7425	Block Group 3, Census Tract 2001.01, San Jacinto County, Texas	3	200101	48407	San Jacint	37632	3.19	2598	2734	14.1	1142	161	102885888	38549.4	2030
0.4864	Block Group 3, Census Tract 2001.02, San Jacinto County, Texas	3	200102												

0.1674	Block Group 1, Census Tract 6947, Montgomery County, Texas	1	694700	48339	Montgom	86250	2.54	2054	1912	4.55	879	40	164910000	8699.6	320
0.0538	Block Group 1, Census Tract 6920.02, Montgomery County, Texas	1	692002	48339	Montgom	191486	3.37	2294	5885	0.98	3057	30	1126895110	5767.3	317
0.5013	Block Group 1, Census Tract 6941.02, Montgomery County, Texas	1	694102	48339	Montgom	66790	2.77	3636	4310	7.73	1798	139	287864900	33136.3	2161
0.2419	Block Group 2, Census Tract 6937, Montgomery County, Texas	2	693700	48339	Montgom	96298	2.6	4797	5840	2.76	3041	84	562380320	16118.4	1413
0.1884	Block Group 1, Census Tract 6942.02, Montgomery County, Texas	1	694202	48339	Montgom	39423	2.61	2618	3528	1	1500	15	139084344	3528	665
0.5227	Block Group 2, Census Tract 6927, Montgomery County, Texas	2	692700	48339	Montgom	64013	2.31	1470	1571	13.68	797	109	100564423	21491.28	821
0.8155	Block Group 2, Census Tract 6939, Montgomery County, Texas	2	693900	48339	Montgom	27368	3.11	2492	2664	0	692	0	72908352	0	2172
0.663	Block Group 3, Census Tract 7902, Walker County, Texas	3	790200	48471	Walker	53798	2.33	801	1017	10.18	383	39	54712566	10353.06	674
0.3416	Block Group 4, Census Tract 2411.02, Harris County, Texas	5	241102	48201	Harris	73056	3.15	2043	2057	6.39	1001	64	150276192	13144.23	703
0.4447	Block Group 4, Census Tract 7901, Walker County, Texas	4	790400	48471	Walker	62861	2.72	3162	3631	3.73	1608	60	228248291	13543.63	1615
0.2041	Block Group 2, Census Tract 2507.01, Harris County, Texas	2	250701	48201	Harris	59444	1.92	1276	622	7.74	336	26	36794168	4814.28	127
0.0772	Block Group 3, Census Tract 2508, Harris County, Texas	3	250800	48201	Harris	134007	3.05	4011	4453	2.51	2229	56	596733171	11177.03	344
0.8919	Block Group 1, Census Tract 7003, Liberty County, Texas	1	700300	48291	Liberty	36818	2.55	1980	2415	13.9	1036	144	88915470	33568.5	2154
0.2164	Block Group 1, Census Tract 5548.02, Harris County, Texas	1	554802	48201	Harris	124472	3.23	12553	17188	6.29	7771	489	213944736	108112.52	3719
0.2164	Block Group 2, Census Tract 5548.02, Harris County, Texas	2	554802	48201	Harris	80676	2.99	2436	3616	7.13	1444	103	291724416	25782.08	783
0.5109	Block Group 1, Census Tract 5555.01, Harris County, Texas	1	555501	48201	Harris	69671	3.1	1542	1656	8.72	768	67	115375176	14440.32	846
0.0987	Block Group 1, Census Tract 5544.02, Harris County, Texas	1	554402	48201	Harris	107341	3.35	6195	9046	2.89	4119	119	971006686	26142.94	893
0.1133	Block Group 2, Census Tract 5544.01, Harris County, Texas	2	554401	48201	Harris	124519	3.13	9344	10302	4.68	4806	225	1287294738	48213.36	1167
0.0636	Block Group 1, Census Tract 5557.01, Harris County, Texas	1	555701	48201	Harris	129196	3.25	3537	4472	4.6	2262	104	577764512	20571.2	284
0.486	Block Group 1, Census Tract 5801, Harris County, Texas	1	980100	48201	Harris	30000	2.5	787	570	4.08	294	12	17100000	2325.6	277
0.4305	Block Group 1, Census Tract 7009, Liberty County, Texas	1	700900	48291	Liberty	73466	2.74	920	877	10.27	487	50	64429682	9006.79	378
0.437	Block Group 1, Census Tract 6913.02, Montgomery County, Texas	1	691302	48339	Montgom	40649	2.27	3217	3049	4.05	1433	58	123938801	12348.45	1332
0.1561	Block Group 1, Census Tract 6914, Montgomery County, Texas	1	691400	48339	Montgom	68193	2.83	3251	2692	0.88	1358	12	183575556	2368.96	420
0.0315	Block Group 2, Census Tract 6908, Montgomery County, Texas	2	690800	48339	Montgom	126190	2.78	1678	1760	4.29	978	42	222094400	7550.4	55
0.0643	Block Group 2, Census Tract 6911, Montgomery County, Texas	2	691100	48339	Montgom	115114	2.63	2222	2293	1.74	1323	23	263956402	3898.82	147
0.2206	Block Group 1, Census Tract 6912, Montgomery County, Texas	1	691200	48339	Montgom	141967	2.6	2378	2460	5.44	1306	71	349238820	13382.4	543
0.2206	Block Group 2, Census Tract 6912, Montgomery County, Texas	2	691200	48339	Montgom	44886	2.08	2869	2071	10.4	779	81	92958906	21538.4	457
0.2206	Block Group 3, Census Tract 6912, Montgomery County, Texas	3	691200	48339	Montgom	218983	3.11	2104	2867	0.73	1510	11	627824261	2092.91	632
0.145	Block Group 1, Census Tract 5555.02, Harris County, Texas	1	555502	48201	Harris	101961	3.24	9938	13393	8.62	7450	642	1365563673	115447.66	1942
0.0987	Block Group 2, Census Tract 5544.02, Harris County, Texas	2	554402	48201	Harris	123264	3.22	6573	7662	2.61	4026	105	944448768	19997.82	756
0.2337	Block Group 1, Census Tract 5550, Harris County, Texas	1	555000	48201	Harris	91413	3.6	1452	2201	0	1047	0	201200013	0	514
0.5004	Block Group 2, Census Tract 5530.02, Harris County, Texas	2	553002	48201	Harris	101382	2.85	2387	2490	4.18	1339	56	252441180	10408.2	1246
0.1344	Block Group 1, Census Tract 5905, Montgomery County, Texas	1	690500	48339	Montgom	121525	2.75	4897	5873	1.87	3161	59	713716325	10982.51	789
0.0643	Block Group 1, Census Tract 6911, Montgomery County, Texas	1	691100	48339	Montgom	105489	2.85	2132	1936	3.52	965	34	204226704	6814.72	124
0.6824	Block Group 4, Census Tract 6935, Montgomery County, Texas	4	693500	48339	Montgom	52730	2.69	670	680	6.01	366	22	35856400	4086.8	464
0.6621	Block Group 1, Census Tract 2407.02, Harris County, Texas	1	240702	48201	Harris	40323	3.18	3175	3254	10.25	1405	144	131211042	33353.5	2154
0.7742	Block Group 5, Census Tract 5905, Harris County, Texas	5	250600	48201	Harris	50561	2.65	1328	1937	4.93	1035	51	97936657	9549.41	1500
0.515	Block Group 3, Census Tract 7907, Walker County, Texas	3	790700	48471	Walker	29566	2.19	1422	1937	0	1213	0	57269342	0	998
0.6144	Block Group 3, Census Tract 7908, Walker County, Texas	3	790800	48471	Walker	32868	1.97	448	657	18.67	316	59	21594276	1226.19	404
0.6144	Block Group 2, Census Tract 7908, Walker County, Texas	2	790800	48471	Walker	19416	1.94	3608	4215	3.07	2282	70	81838440	12940.05	2590
0.6164	Block Group 4, Census Tract 2408.01, Harris County, Texas	4	240801	48201	Harris	32175	2.2	1627	1230	5.32	790	42	39575250	6543.6	758
0.6959	Block Group 2, Census Tract 5522, Harris County, Texas	2	552200	48201	Harris	51659	2.73	1620	2684	4.82	1287	62	138652756	12936.88	1868
0.0701	Block Group 1, Census Tract 5553.01, Harris County, Texas	1	555301	48201	Harris	112500	1.93	768	1147	1.95	665	13	129037500	2236.65	80
0.4497	Block Group 3, Census Tract 2409.02, Harris County, Texas	3	240902	48201	Harris	63212	4.49	1195	3460	0.94	1706	16	218713520	3252.4	1556
0.4288	Block Group 2, Census Tract 6924, Montgomery County, Texas	2	692400	48339	Montgom	60563	3.33	1157	2081	7.78	1028	80	126031600	16190.18	892
0.4491	Block Group 1, Census Tract 6946, Montgomery County, Texas	1	694600	48339	Montgom	62232	2.55	1761	2227	9.1	1319	120	138590664	20265.7	1000
0.0833	Block Group 1, Census Tract 6945, Montgomery County, Texas	1	694500	48339	Montgom	98246	3.39	1489	1802	0	735	0	177039292	0	150
0.5098	Block Group 4, Census Tract 6940, Montgomery County, Texas	4	694000	48339	Montgom	63857	2.93	2303	2243	6.67	945	63	143231251	14960.81	1143
0.5098	Block Group 3, Census Tract 6940, Montgomery County, Texas	3	694000	48339	Montgom	53740	3.23	3311	4576	9.28	2090	194	245914240	42465.28	2333
0.8155	Block Group 3, Census Tract 6939, Montgomery County, Texas	3	693900	48339	Montgom	54918	2.73	2084	3970	3.44	1920	66	218024460	13656.8	3238
0.5348	Block Group 2, Census Tract 6929, Montgomery County, Texas	2	692900	48339	Montgom	68894	3.28	2400	2396	5.31	1205	64	165070024	12722.76	1281
0.4491	Block Group 2, Census Tract 6944, Montgomery County, Texas	2	694600	48339	Montgom	74516	2.96	2888	4499	4.14	2101	87	335247484	18625.86	2021
0.4491	Block Group 3, Census Tract 6946, Montgomery County, Texas	3	694600	48339	Montgom	86250	2.71	1508	1601	0	668	0	138086250	0	719
0.5311	Block Group 1, Census Tract 6944, Montgomery County, Texas	1	694400	48339	Montgom	85083	2.91	1316	1956	10.56	966	102	166422348	20655.36	1039
0.5182	Block Group 3, Census Tract 6918, Montgomery County, Texas	3	691800	48339	Montgom	78514	3.15	941	1048	10.38	472	49	82286276	10878.24	543
0.9545	Block Group 2, Census Tract 6934, Montgomery County, Texas	2	693400	48339	Montgom	26282	2.55	1450	1749	12.04	814	98	45967218	21057.96	1669
0.6365	Block Group 5, Census Tract 6941.01, Montgomery County, Texas	5	694101	48339	Montgom	62632	3.5	2810	4564	0	1700	0	285852448	0	2905
0.3848	Block Group 3, Census Tract 6904.02, Montgomery County, Texas	3	690402	48339	Montgom	135409	3.75	1319	1345	3.64	715	26	182122510	4895.8	518
0.8919	Block Group 2, Census Tract 7003, Liberty County, Texas	2	700300	48291	Liberty	46708	3.15	1083	772	9.65	311	30	36058576	7449.8	689
0.332	Block Group 2, Census Tract 6806, Waller County, Texas	2	680600	48473	Waller	84375	3.08	2443	2566	2.59	1158	30	216506250	6645.94	852
0.332	Block Group 3, Census Tract 6806, Waller County, Texas	3	680600	48473	Waller	72375	3.09	3158	3089	7.92	1628	129	223566375	24464.88	1026
0.3404	Block Group 2, Census Tract 5530.01, Harris County, Texas	2	553001	48201	Harris	96083	2.54	2264	2485	3.38	1421	48	23876255	8399.3	846
0.168	Block Group 1, Census Tract 5534.03, Harris County, Texas	1	553403	48201	Harris	90217	3.06	6351	7491	1.88	3991	75	675815547	14083.08	1258
0.5004	Block Group 1, Census Tract 5530.02, Harris County, Texas	1	553002	48201	Harris	57188	3.22	2271	2344	11.91	1159	138	134048672	27917.04	1173
0.1175	Block Group 4, Census Tract 5528, Harris County, Texas	4	552800	48201	Harris	77614	2.17	2921	3023	1.13	1856	21	234627122	3413.99	355
0.1175	Block Group 5, Census Tract 5528, Harris County, Texas	5	552800	48201	Harris	74665									

0.2648	Block Group 1, Census Tract 5536, Harris County, Texas	1	553600	48201	Harris	55972	2.51	3647	4034	1.86	2310	43	225791048	7503.24	1068
0.3715	Block Group 1, Census Tract 2517, Harris County, Texas	1	251700	48201	Harris	80184	3.2	1057	1611	0	571	0	129176424	0	598
0.7924	Block Group 4, Census Tract 5532, Harris County, Texas	4	553200	48201	Harris	26743	2.37	405	452	0	150	0	12087836	0	358
0.7103	Block Group 1, Census Tract 5560, Harris County, Texas	1	556000	48201	Harris	35949	2.25	1284	1130	10.9	413	45	40622370	12317	803
0.663	Block Group 5, Census Tract 7902, Walker County, Texas	5	790200	48471	Walker	26250	2.54	892	923	11.88	320	38	24228750	10965.24	612
0.3078	Block Group 2, Census Tract 5552, Harris County, Texas	2	555200	48201	Harris	120450	3.12	3757	5465	0.48	2937	14	658259250	2623.2	1682
0.1521	Block Group 2, Census Tract 2519.01, Harris County, Texas	2	251901	48201	Harris	102969	2.95	589	784	0	384	0	80727696	0	119
0.1703	Block Group 2, Census Tract 5549.02, Harris County, Texas	2	554902	48201	Harris	136563	3.03	2377	3062	1.31	1604	21	41815906	4011.22	521
0.3712	Block Group 1, Census Tract 5544, Harris County, Texas	1	554200	48201	Harris	83875	3.1	2081	3424	3.53	1755	62	287188000	12086.72	1271
0.3372	Block Group 1, Census Tract 2512, Harris County, Texas	1	251200	48201	Harris	57045	2.85	1598	1804	22.23	1129	251	102090180	40102.92	608
0.1175	Block Group 3, Census Tract 5528, Harris County, Texas	3	552800	48201	Harris	66401	2.34	2791	2979	9.77	1985	194	197808579	29104.83	350
0.2166	Block Group 2, Census Tract 2413, Harris County, Texas	2	241300	48201	Harris	123672	2.92	3866	2831	3.35	1760	59	350115432	9483.85	613
0.1392	Block Group 3, Census Tract 2514.02, Harris County, Texas	3	251402	48201	Harris	59167	2.91	1608	2266	1.7	1118	19	134072422	3852.2	315
0.1254	Block Group 2, Census Tract 2509, Harris County, Texas	3	250900	48201	Harris	146989	3.38	1391	1059	7.56	569	43	155661351	8006.04	133
0.0134	Block Group 1, Census Tract 5540.02, Harris County, Texas	1	554002	48201	Harris	137679	2.68	1806	1832	1.02	781	8	252227928	1868.64	25
0.126	Block Group 2, Census Tract 5543.02, Harris County, Texas	2	554302	48201	Harris	126354	3.02	2717	2798	2.06	1505	31	353538492	5763.88	353
0.7742	Block Group 3, Census Tract 2506, Harris County, Texas	3	250600	48201	Harris	20058	2.15	1378	1845	3.78	900	34	37007010	6974.1	1428
0.7742	Block Group 4, Census Tract 2508, Harris County, Texas	4	250600	48201	Harris	50739	2.37	1401	968	12.88	598	77	49115352	12467.84	749
0.2041	Block Group 3, Census Tract 2507.01, Harris County, Texas	3	250701	48201	Harris	76440	3.23	3302	3090	7.76	1662	129	236199600	23978.4	631
0.3602	Block Group 2, Census Tract 2412, Harris County, Texas	2	241200	48201	Harris	32184	2.47	1683	997	6.12	539	33	32087448	6101.64	359
0.2166	Block Group 1, Census Tract 2413, Harris County, Texas	1	241300	48201	Harris	64934	2.56	2742	2346	0	1097	0	152335164	0	508
0.3788	Block Group 3, Census Tract 2414, Harris County, Texas	3	241400	48201	Harris	40506	4.76	2604	3082	0	636	0	124839492	0	1167
0.005	Block Group 1, Census Tract 6901, Montgomery County, Texas	1	690100	48339	Montgomery	178750	3.08	2352	2248	1.55	1095	17	401830000	3484.4	11
0.005	Block Group 2, Census Tract 6901, Montgomery County, Texas	2	690100	48339	Montgomery	176429	2.99	2278	2137	1.97	912	18	377028773	4209.89	11
0.0096	Block Group 1, Census Tract 6910, Montgomery County, Texas	1	691000	48339	Montgomery	152740	2.76	2369	1966	3.31	877	29	300286840	6507.46	19
0.6164	Block Group 1, Census Tract 2408.01, Harris County, Texas	1	240801	48201	Harris	37833	1.94	1506	1147	0	800	0	43394451	0	707
0.673	Block Group 2, Census Tract 2408.02, Harris County, Texas	2	240802	48201	Harris	52383	2.87	1933	2874	3.36	1460	49	150548742	9656.64	1934
0.0772	Block Group 1, Census Tract 2508, Harris County, Texas	1	250800	48201	Harris	128068	3.45	1468	2167	6.83	1216	83	277523356	14800.61	167
0.3642	Block Group 1, Census Tract 6933, Montgomery County, Texas	1	693300	48339	Montgomery	33929	1.7	1222	1177	1.95	821	16	39394433	2295.15	429
0.1254	Block Group 1, Census Tract 2509, Harris County, Texas	1	250900	48201	Harris	127014	3.53	1244	1375	3.61	499	18	174644250	4963.75	172
0.3105	Block Group 2, Census Tract 2510, Harris County, Texas	2	251000	48201	Harris	142350	2.7	661	1217	5.61	517	29	173239950	6827.37	378
0.2373	Block Group 1, Census Tract 2511, Harris County, Texas	1	251100	48201	Harris	102679	2.55	1555	1556	12.3	821	101	159768524	19138.8	369
0.2373	Block Group 2, Census Tract 2511, Harris County, Texas	2	251100	48201	Harris	81477	2.37	1285	1116	5.71	700	40	90928332	6372.36	265
0.2373	Block Group 3, Census Tract 2511, Harris County, Texas	3	251100	48201	Harris	111172	2.48	2118	1584	4.44	879	39	176096448	7032.96	376
0.673	Block Group 1, Census Tract 2408.02, Harris County, Texas	1	240802	48201	Harris	46667	3.18	2126	3406	7.79	1437	112	158947802	26532.74	2292
0.8562	Block Group 1, Census Tract 6926.02, Montgomery County, Texas	1	692602	48339	Montgomery	51632	3.26	2334	3167	16.37	1295	212	163518544	51843.79	2712
0.6365	Block Group 2, Census Tract 6941.01, Montgomery County, Texas	2	694101	48339	Montgomery	90856	2.76	3119	2747	5.93	1603	95	249581432	16289.71	1748
0.1561	Block Group 2, Census Tract 6911, Montgomery County, Texas	2	691100	48339	Montgomery	87946	2.35	5568	4719	3.46	3010	104	415017174	16327.74	737
0.317	Block Group 1, Census Tract 6901, Montgomery County, Texas	1	690100	48339	Montgomery	127288	2.93	3295	3555	3.87	2094	81	452058840	13757.85	1127
0.64	Block Group 3, Census Tract 6922, Montgomery County, Texas	3	692200	48339	Montgomery	59222	3.1	5957	4487	5.81	1962	114	265722914	26069.47	2872
0.4495	Block Group 1, Census Tract 6902.02, Montgomery County, Texas	1	690202	48339	Montgomery	92194	3.68	1366	1774	0.36	822	3	163552156	638.64	797
0.4495	Block Group 2, Census Tract 6902.02, Montgomery County, Texas	2	690202	48339	Montgomery	88790	2.98	1554	1343	8.47	708	60	119244970	11375.21	604
0.0889	Block Group 1, Census Tract 2513, Harris County, Texas	1	251300	48201	Harris	95933	3.1	2115	1979	8.82	1191	105	189851407	17454.78	176
0.2373	Block Group 5, Census Tract 2511, Harris County, Texas	5	251100	48201	Harris	57014	2.9	1766	2745	11.6	1250	145	156503430	31842	651
0.3372	Block Group 2, Census Tract 2512, Harris County, Texas	2	251200	48201	Harris	64149	2.73	3000	2857	6.49	1355	88	183273693	18541.93	963
0.3372	Block Group 3, Census Tract 2512, Harris County, Texas	3	251200	48201	Harris	74276	3.16	1767	1911	2.72	771	21	141941436	5197.92	644
0.0889	Block Group 2, Census Tract 2513, Harris County, Texas	2	251300	48201	Harris	81765	2.91	1797	1933	3.91	1101	43	150801745	7558.03	172
0.0889	Block Group 3, Census Tract 2513, Harris County, Texas	3	251300	48201	Harris	92198	2.82	674	764	18.01	311	56	70439272	13759.64	68
0.0889	Block Group 4, Census Tract 2513, Harris County, Texas	4	251300	48201	Harris	93008	2.65	1912	1687	4.28	724	31	156904496	7220.36	150
0.0889	Block Group 5, Census Tract 2513, Harris County, Texas	5	251300	48201	Harris	57891	2.13	1190	745	0	289	0	43128795	0	66
0.4328	Block Group 2, Census Tract 2409.01, Harris County, Texas	2	240901	48201	Harris	64679	3.44	6413	8629	4.34	4727	205	558115091	37449.86	3735
0.1392	Block Group 3, Census Tract 2514.02, Harris County, Texas	2	251402	48201	Harris	83350	3.04	2000	1442	3.08	811	25	120190700	4441.36	201
0.0353	Block Group 1, Census Tract 2515.02, Harris County, Texas	1	251502	48201	Harris	168953	3.25	2021	2421	5.81	1084	63	409035213	14066.01	85
0.3715	Block Group 2, Census Tract 2517, Harris County, Texas	2	251700	48201	Harris	56754	2.73	3528	2497	1.47	1160	17	141714738	3670.59	928
0.6358	Block Group 2, Census Tract 6931.02, Montgomery County, Texas	2	693102	48339	Montgomery	53125	4.03	3669	2844	3.59	1504	54	151087500	10209.26	1808
0.4666	Block Group 1, Census Tract 6916.02, Montgomery County, Texas	1	691602	48339	Montgomery	53724	2.93	3527	4136	4.36	2339	102	22202464	18032.96	1930
0.3848	Block Group 2, Census Tract 6904.02, Montgomery County, Texas	2	690402	48339	Montgomery	50086	2.8	4510	2528	6.73	907	61	126617408	17013.44	973
0.3848	Block Group 1, Census Tract 6904.02, Montgomery County, Texas	1	690402	48339	Montgomery	91250	2.81	2685	3008	0	1744	0	274480000	0	1157
0.3416	Block Group 3, Census Tract 2411.02, Harris County, Texas	3	241102	48201	Harris	62684	2.5	1290	1509	0	927	0	94590156	0	515
0.2185	Block Group 3, Census Tract 6906.01, Montgomery County, Texas	3	690601	48339	Montgomery	73669	2.32	3942	5149	2.88	3122	90	379321681	14829.12	1125
0.2062	Block Group 1, Census Tract 6907, Montgomery County, Texas	1	690700	48339	Montgomery	94719	2.25	3446	4105	2.1	1859	39	388821495	8620.5	846
0.2062	Block Group 2, Census Tract 6907, Montgomery County, Texas	2	690700	48339	Montgomery	77625	2.02	6214	6646	2.63	3196	84	515895750	17478.98	1370
0.0315	Block Group 1, Census Tract 6908, Montgomery County, Texas	1	690800	48339	Montgomery	153167	2.68	2362	2479	5.06	1266	64	379700993	12543.74	78
0.0553	Block Group 2, Census Tract 6943.02, Montgomery County, Texas	2	694302	48339	Montgomery	78367	2.12	3428	3595	9.25	2098	194	281729365	33253.75	199
0.4288	Block Group 1, Census Tract 6924, Montgomery County, Texas	1	692400	48339	Montgomery	56250	2.36	2195	1828	0.39	1020	4	102825000	712.92	784
0.1162	Block Group 2, Census Tract 5430.02, Harris County, Texas	2	543002	48201	Harris	102125	2.96	3680	4962	6.67	2489	166	506744250	33096.54	5

0.3602	Block Group 1, Census Tract 2412, Harris County, Texas	1	241200	48201	Harris	56361	3.04	3727	5409	8.98	2784	250	304856649	48572.82	1948
0.4464	Block Group 2, Census Tract 2410, Harris County, Texas	2	241000	48201	Harris	63324	3.11	3632	3308	6.06	1634	99	209475792	20046.48	1477
0.3416	Block Group 2, Census Tract 2411.02, Harris County, Texas	2	241102	48201	Harris	45096	2.42	1335	801	8.56	362	31	36121896	6856.56	274
0.1601	Block Group 1, Census Tract 5534.02, Harris County, Texas	1	553402	48201	Harris	60323	2.29	1793	2116	4.56	1206	55	127643468	9648.96	339
0.1601	Block Group 2, Census Tract 5534.02, Harris County, Texas	2	553402	48201	Harris	121308	2.91	2751	2940	3.75	1625	61	356645520	11025	471
0.4219	Block Group 2, Census Tract 2505, Harris County, Texas	2	250500	48201	Harris	98594	3.39	2309	2373	10.09	1289	130	233963562	23943.57	1001
0.0778	Block Group 2, Census Tract 5545.01, Harris County, Texas	2	554501	48201	Harris	136005	3.09	3867	3301	2.51	1474	37	448952505	8285.51	257
0.0142	Block Group 2, Census Tract 5545.02, Harris County, Texas	2	554502	48201	Harris	182014	2.67	2282	2333	8.65	1388	120	424638662	20180.45	33
0.2373	Block Group 4, Census Tract 2511, Harris County, Texas	4	251100	48201	Harris	86528	2.49	568	458	13.98	279	39	39629824	6402.84	109
0.0353	Block Group 5, Census Tract 2515.02, Harris County, Texas	5	251502	48201	Harris	80708	2.16	1240	961	10.15	473	48	77560388	9754.15	34
0.0353	Block Group 4, Census Tract 2515.02, Harris County, Texas	4	251502	48201	Harris	119250	2.92	2396	2091	3.17	947	30	249351750	6628.47	74
0.0353	Block Group 6, Census Tract 2515.02, Harris County, Texas	6	251502	48201	Harris	126458	2.39	1570	1015	5.55	559	31	128354870	5633.25	36
0.0353	Block Group 2, Census Tract 2515.02, Harris County, Texas	2	251502	48201	Harris	148778	3.26	1374	1862	0	752	0	277024636	0	66
0.0301	Block Group 1, Census Tract 2515.01, Harris County, Texas	1	251501	48201	Harris	130436	3.58	5488	5973	5.1	2727	139	779094228	30462.3	180
0.3715	Block Group 3, Census Tract 2517, Harris County, Texas	3	251700	48201	Harris	41676	2.39	794	1706	7.22	997	72	71099256	12317.32	634
0.1123	Block Group 3, Census Tract 2504.02, Harris County, Texas	3	250402	48201	Harris	66944	2.58	5165	5100	0.87	2188	19	341414400	4437	573
0.2133	Block Group 1, Census Tract 2520, Harris County, Texas	1	252000	48201	Harris	127921	3.16	13818	19799	4.41	10952	483	2532707879	87313.59	4223
0.7103	Block Group 2, Census Tract 5561, Harris County, Texas	2	556000	48201	Harris	65823	3.35	2583	2522	8.04	1194	96	1660005606	20276.88	1791
0.4464	Block Group 3, Census Tract 2410, Harris County, Texas	3	241000	48201	Harris	57333	3.1	1127	2283	1.8	1111	20	130891239	4109.4	1019
0.0374	Block Group 1, Census Tract 5430.01, Harris County, Texas	1	543001	48201	Harris	145363	3.39	5848	10496	3.56	5343	190	1525730048	37365.76	393
0.4464	Block Group 1, Census Tract 2410, Harris County, Texas	1	241000	48201	Harris	80150	2.33	983	994	9.48	591	56	79669100	9423.12	444
0.0636	Block Group 2, Census Tract 5557.01, Harris County, Texas	2	555701	48201	Harris	117622	3.34	4213	4478	0.61	2281	14	526711316	2731.58	285
0.0634	Block Group 1, Census Tract 5557.02, Harris County, Texas	1	555702	48201	Harris	133000	3.4	10385	15762	3.07	7567	232	2096346000	48389.34	999
0.6129	Block Group 3, Census Tract 1801.02, Grimes County, Texas	3	180102	48185	Grimes	34398	2.02	984	938	2.81	463	13	32652324	2635.78	575
0.6129	Block Group 1, Census Tract 1801.02, Grimes County, Texas	1	180102	48185	Grimes	40845	1.92	1788	918	9.93	574	57	37495710	9115.74	563
0.1521	Block Group 4, Census Tract 2519.01, Harris County, Texas	4	251901	48201	Harris	60215	2.77	3105	3818	9.98	1883	188	229900870	38103.64	581
0.0772	Block Group 2, Census Tract 2508, Harris County, Texas	2	250800	48201	Harris	81813	2.54	2583	2417	2.61	1035	27	19742021	6308.37	187
0.5555	Block Group 1, Census Tract 5431, Harris County, Texas	1	543100	48201	Harris	77118	3.34	2785	3633	3.28	1918	63	280169694	11916.24	2018
0.0353	Block Group 3, Census Tract 2515.02, Harris County, Texas	3	251502	48201	Harris	167688	2.96	1343	1165	3.49	544	19	195356520	4065.85	41
0.1822	Block Group 2, Census Tract 2516, Harris County, Texas	2	251600	48201	Harris	108500	3.13	4544	4662	3.34	2366	79	505827000	15571.08	849
0.1123	Block Group 1, Census Tract 2504.02, Harris County, Texas	1	250402	48201	Harris	123659	3.24	10305	15970	3.15	8393	264	1974834230	50305.5	1793
0.5374	Block Group 1, Census Tract 5527, Harris County, Texas	1	552700	48201	Harris	86352	2.9	2282	2603	5.88	1173	69	224774256	15305.64	1399
0.1175	Block Group 1, Census Tract 5528, Harris County, Texas	1	552800	48201	Harris	83583	2.3	1032	1240	0	379	0	103642920	0	146
0.1175	Block Group 2, Census Tract 5528, Harris County, Texas	2	552800	48201	Harris	91455	1.67	1209	561	7.23	235	17	513062555	4056.03	66
0.3658	Block Group 2, Census Tract 5529, Harris County, Texas	2	552900	48201	Harris	35104	1.99	1313	2098	4.41	1043	46	73648192	9252.18	767
0.3658	Block Group 3, Census Tract 5529, Harris County, Texas	3	552900	48201	Harris	50116	2.54	1841	2341	11.01	1371	151	117321556	25774.41	856
0.3658	Block Group 5, Census Tract 5529, Harris County, Texas	5	552900	48201	Harris	93021	2.43	952	1351	6.22	595	37	125671371	8403.22	494
0.3404	Block Group 3, Census Tract 5530.01, Harris County, Texas	3	553001	48201	Harris	76318	2.58	1870	1535	1.05	951	10	117148130	1611.75	523
0.3404	Block Group 1, Census Tract 5530.01, Harris County, Texas	1	553001	48201	Harris	100691	3.04	1537	1766	5.73	1117	64	177820306	10119.18	601
0.0622	Block Group 2, Census Tract 5535, Harris County, Texas	2	553500	48201	Harris	68160	2.67	2366	2419	3.8	1159	44	164879040	9192.2	150
0.0622	Block Group 3, Census Tract 5535, Harris County, Texas	3	553500	48201	Harris	106117	3.06	1133	1720	10.19	913	93	182521240	17526.8	107
0.2648	Block Group 2, Census Tract 5536, Harris County, Texas	2	553600	48201	Harris	124734	3.02	3336	4063	10.33	2265	234	506794242	41970.79	1076
0.3886	Block Group 1, Census Tract 5537, Harris County, Texas	1	553700	48201	Harris	132727	2.88	717	698	7.92	366	29	92643446	5528.16	271
0.3886	Block Group 2, Census Tract 5537, Harris County, Texas	2	553700	48201	Harris	70729	2.88	3312	3544	5.94	1852	110	250663576	21051.36	1377
0.1682	Block Group 1, Census Tract 5538.01, Harris County, Texas	1	553801	48201	Harris	127708	2.99	2645	2863	2.89	1417	41	365628004	8274.07	482
0.1957	Block Group 1, Census Tract 5539, Harris County, Texas	1	553900	48201	Harris	136658	2.74	2178	2681	7.27	1554	113	366380098	19490.87	525
0.1957	Block Group 2, Census Tract 5539, Harris County, Texas	2	553900	48201	Harris	74706	2.81	1371	1019	0	519	0	76125414	0	199
0.1659	Block Group 1, Census Tract 5523.01, Harris County, Texas	1	552301	48201	Harris	78580	2.79	1817	2699	9.69	1373	133	212087420	26153.31	448
0.4368	Block Group 4, Census Tract 5538.02, Harris County, Texas	4	553802	48201	Harris	53125	2.59	1778	1708	8.14	885	72	90737500	13930.12	746
0.4368	Block Group 1, Census Tract 5538.02, Harris County, Texas	1	553802	48201	Harris	92853	3.38	1006	1028	9.57	606	58	95452884	9837.96	449
0.4368	Block Group 2, Census Tract 5538.02, Harris County, Texas	2	553802	48201	Harris	87882	2.75	2040	1801	5.22	957	50	158275482	9401.22	787
0.1957	Block Group 3, Census Tract 5539, Harris County, Texas	3	553900	48201	Harris	147266	3.45	2797	2874	6.82	1348	92	423242484	19600.68	562
0.1957	Block Group 4, Census Tract 5539, Harris County, Texas	4	553900	48201	Harris	115789	3.35	1658	1481	6.71	775	52	171483509	9937.51	290
0.453	Block Group 1, Census Tract 5540.01, Harris County, Texas	1	554001	48201	Harris	68226	2.89	1486	1437	9.57	700	67	98040762	13752.09	651
0.453	Block Group 2, Census Tract 5540.01, Harris County, Texas	2	554001	48201	Harris	88203	2.37	2130	1895	1.04	966	10	167144685	1970.8	858
0.0134	Block Group 2, Census Tract 5540.02, Harris County, Texas	2	554002	48201	Harris	149519	2.95	2497	2447	3.65	11771	43	365872993	8931.55	33
0.2439	Block Group 5, Census Tract 7903, Walker County, Texas	5	790300	48471	Walker	47045	2.36	1796	1052	7.94	403	32	49491340	8352.88	257
0.3715	Block Group 4, Census Tract 2517, Harris County, Texas	4	251700	48201	Harris	44087	2.81	2281	2452	0	908	0	108101324	0	911

Population Totals:	1,218,878	1,387,627		Total AMHI x 2018 Population (A) =	122,718,814,296
				Total 2018 Population (B) =	1,387,627
				Total Weighted Average AMHI (A/B) =	\$ 88,437.90
				Total Unemployment x 2018 Population (C) =	6,657,310.97
				Total 2018 Population (D) =	1,387,627
				Total Weighted Average Unemployment (C/D) =	4.80
				SVI x 2018 Population (E) =	444,601.02
				Total 2018 Population (F) =	1,387,627
				Total Weighted Average SVI (E/F) =	0.3204

Attachment C:

Grant Percentage Calculator Spreadsheet

CATEGORY 1 - Upper San Jacinto River Basin Regional Sedimentation Study

Project AMHI =	\$ 88,437.90
State AMHI =	\$ 59,570.00
Project/State =	148%
Project/State ≤ 50% and Fed. Disaster Declaration Last 5 Years =	100% Grant
	<input type="checkbox"/>
Project/State ≤ 75% =	90% Grant
	<input type="checkbox"/>
Project/State > 75% and ≤ 125% =	75% Grant
	<input type="checkbox"/>
Project/State > 125% =	50% Grant
	<input checked="" type="checkbox"/>
AMHI Grant % =	50%

TOTAL GRANT % =	50%
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Notes:

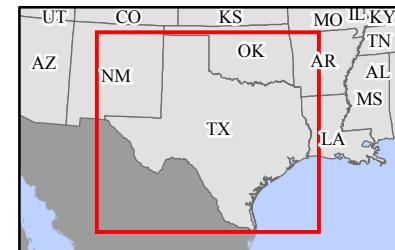
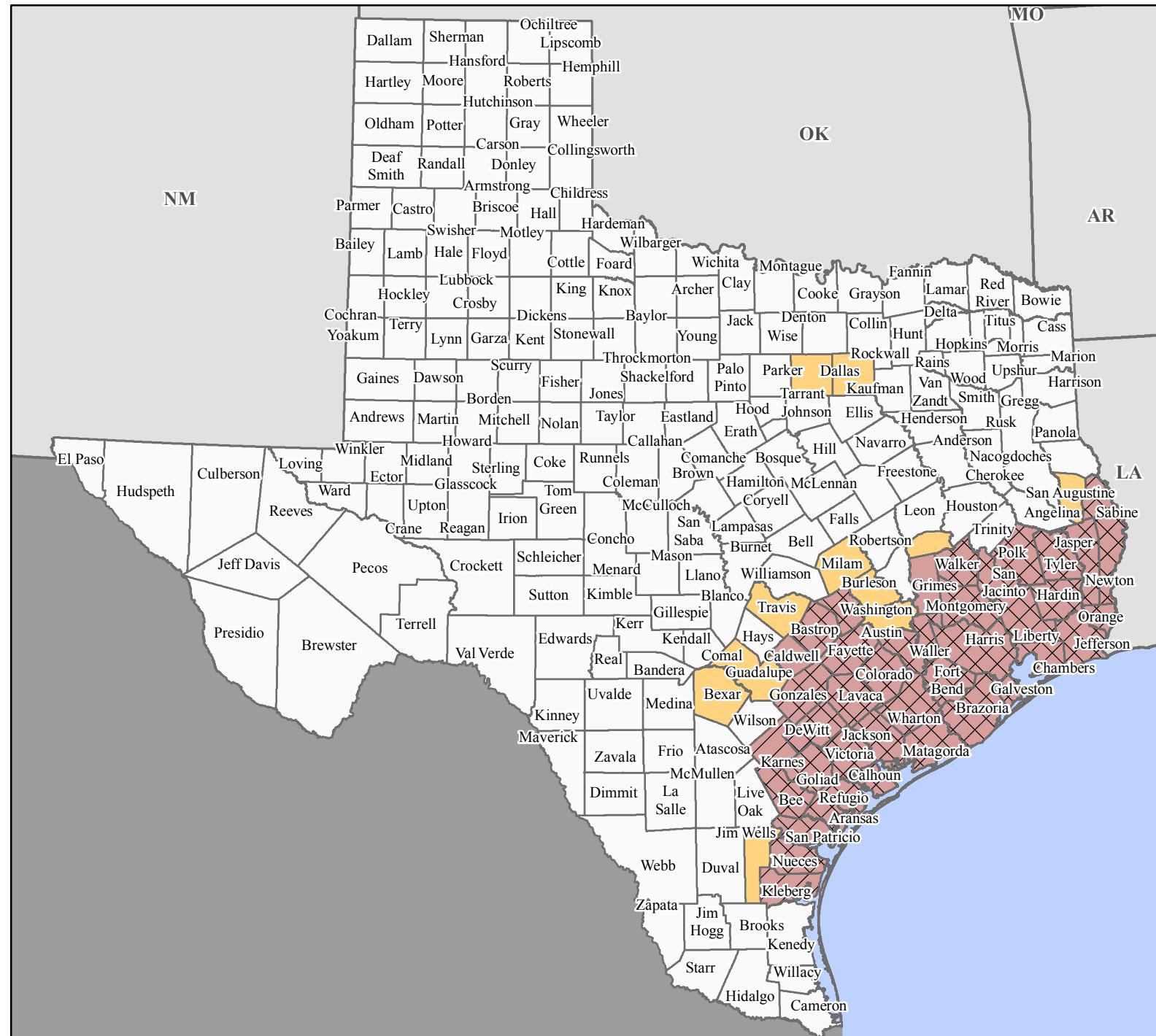
Attachment D:

Disaster Declarations for Hurricane Harvey
and Tropical Storm Imelda

FEMA-4332-DR, Texas Disaster Declaration as of 10/11/2017



FEMA



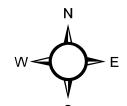
Data Layer/Map Description:

The types of assistance that have been designated for selected areas in the State of Texas.

All designated areas in the State of Texas are eligible to apply for assistance under the Hazard Mitigation Grant Program.

Designated Counties

- No Designation
 - Public Assistance
 - Individual Assistance and Public Assistance
 - Public Assistance (Category B)
 - Individual Assistance and Public Assistance (Categories A and B)
 - Individual Assistance and Public Assistance (Categories A - G)

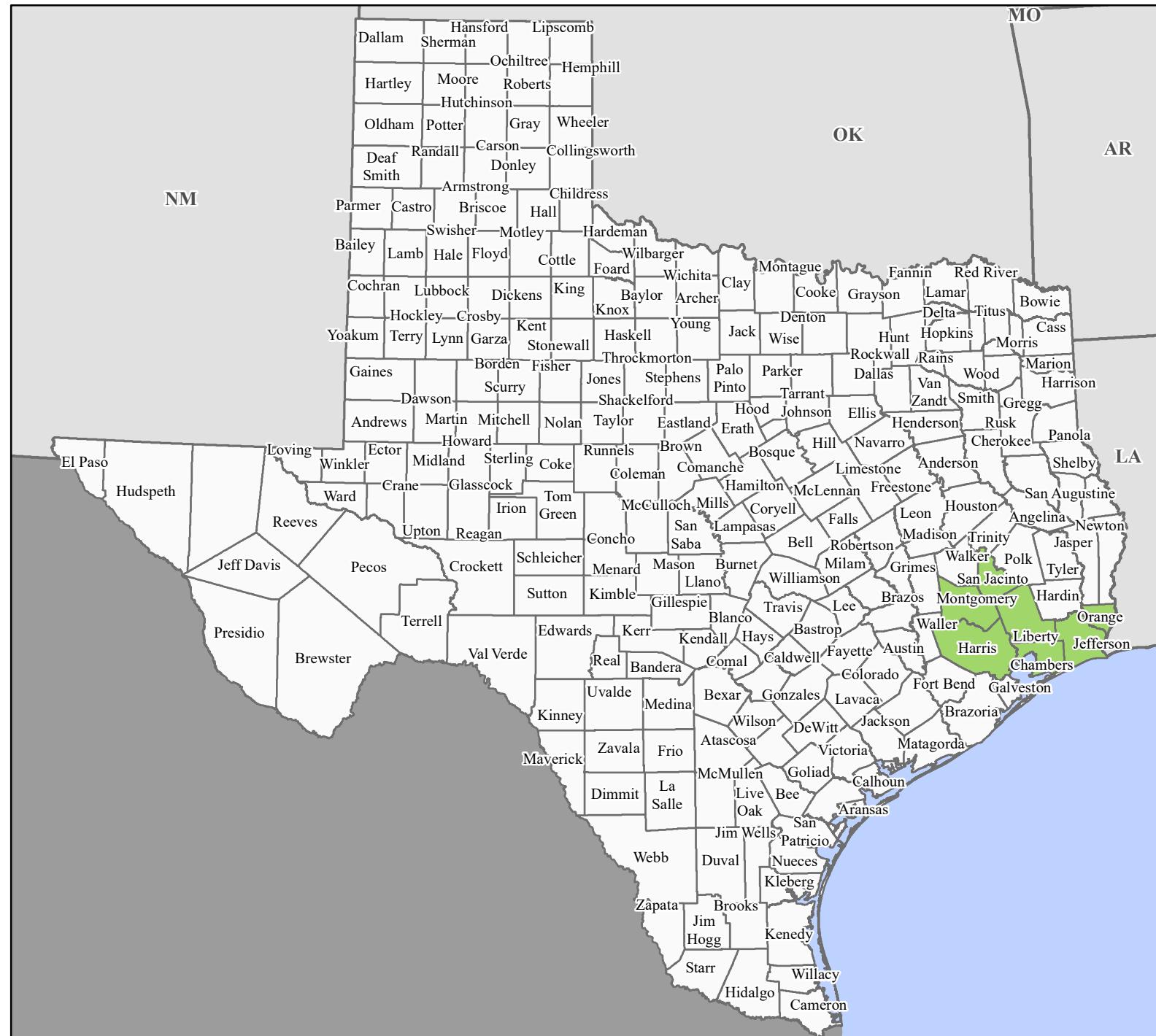


0 40 80 120 160
Miles

FEMA-4466-DR, Texas Disaster Declaration as of 10/24/2019



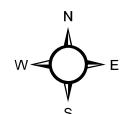
FEMA



Data Layer/Map Description:
The types of assistance that have been designated for selected areas in the State of Texas.

All areas within the State of Texas are eligible for assistance under the Hazard Mitigation Grant Program.

Designated Counties	
	No Designation
	Individual Assistance



A horizontal scale bar with numerical markings at 0, 40, 80, 120, and 160. The word "Miles" is written next to the 160 mark.

Attachment E:

NFIP Certifications

CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

<p>Certification on enforcing floodplain management standards</p> <p>Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/></p>	<p>I, <u>David Douglass</u>, (Name), serving as <u>Floodplain Mgr.</u> (Title)</p> <p>hereby certify that <u>Liberty County</u> (Appropriate entity for area to be served by the project)</p> <p>is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.</p> <p><u>David Douglass</u> Signature</p> <p><u>4/29/20</u> Date</p>
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CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

Certification on
enforcing floodplain
management standards

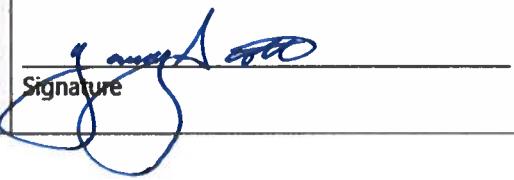
Exception:

The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here:

I, NANCY SCOTT (Name),
serving as COUNTY ENGINEER/FLOODPLAIN ADMIN. (Title)

hereby certify that
WALLER COUNTY (Appropriate entity for area to
be served by the project)

is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.

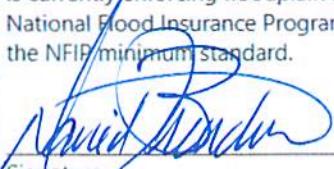

Signature

5/18/2020
Date

CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

Certification on enforcing floodplain management standards	I, <u>David Cilly</u> _____ (Name), serving as <u>Floodplain Administrator</u> _____ (Title)
Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/>	hereby certify that <u>Grimes County</u> _____ (Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.
Signature	<u>David Cilly</u> _____ Date <u>6/1/2020</u>

CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

Certification on enforcing floodplain management standards Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/>	I, <u>David Brandon</u> _____ (Name), serving as <u>Floodplain Administrator</u> _____ (Title) hereby certify that <u>San Jacinto County</u> _____ (Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.  Signature
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5/8/2020

Date

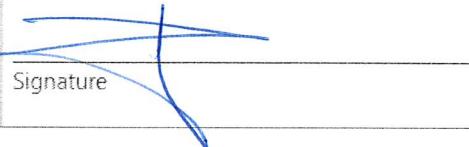
CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

Certification on enforcing floodplain management standards Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/>	I, <u>Jonathan Steiber</u> (Name), serving as <u>Harris County Floodplain Administrator</u> (Title) hereby certify that <u>San Jacinto River Authority</u> <u>Harris County</u> (Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.  Signature
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4-29-2020

Date

CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

<p>Certification on enforcing floodplain management standards</p> <p>Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/></p>	<p>I, <u>Jay Muschenheim</u> _____ (Name), serving as <u>Flood Plain Administrator</u> _____ (Title) hereby certify that <u>unincorporated Montgomery Co., TX</u> (Appropriate entity for area to be served by the project) is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.</p> <p> Signature</p> <p>April 29, 2020 Date</p>
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CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

<p>Certification on enforcing floodplain management standards</p> <p>Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/></p>	<p>I, <u>Choyce Morrow</u> _____ (Name), serving as <u>Flood Administrator</u> _____ (Title)</p> <p>hereby certify that <u>City of Houston</u> _____ (Appropriate entity for area to be served by the project)</p> <p>is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.</p> <p><u><i>Choyce Morrow</i></u> _____ Signature</p> <p>_____ 6/2/2020 Date</p>
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CERTIFICATION ON ENFORCING FLOODPLAIN MANAGEMENT STANDARDS

<p>Certification on enforcing floodplain management standards</p> <p>Exception: The only exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: <input type="checkbox"/></p>	<p>I, <u>Ann Colino</u> (Name) serving as <u>Floodplain Administrator</u> (Title)</p> <p>hereby certify that <u>The City of Conroe</u> (Appropriate entity for area to be served by the project)</p> <p>is currently enforcing floodplain management standards at least equivalent to National Flood Insurance Program (NFIP) minimum standards, but it may exceed the NFIP minimum standard.</p> <p><u>An Mer</u> Signature</p> <p><u>5-15-20</u> Date</p>
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Attachment F:

San Jacinto Regional Watershed Master
Drainage Plan Project Fact Sheet

SAN JACINTO REGIONAL WATERSHED MASTER DRAINAGE PLAN FACT SHEET



The San Jacinto Regional Watershed Master Drainage Plan is a comprehensive regional study led by local partners including the Harris County Flood Control District, the San Jacinto River Authority, Montgomery County, and the City of Houston.

This integrated effort, kick started in April 2019, will identify future flood mitigation projects that can be implemented in the near- and long-term to reduce flood risks to people and property throughout the San Jacinto River regional **watershed**.

The goals of the San Jacinto Regional Watershed Master Drainage Plan are to:

- Identify the region's vulnerabilities to flood hazards using Atlas 14 rainfall
- Develop approaches to enhance public information and flood level assessment capabilities during a flood disaster event
- Evaluate flood mitigation strategies to improve community resilience
- Provide a comprehensive Flood Mitigation Plan that supports the needs and objectives of each regional partner

The goals of the project will be achieved by developing a set of hydrologic and hydraulic models for the major tributaries of the Upper San Jacinto River regional watershed (from the **headwaters** in Walker County to the Interstate 10 crossing at the San Jacinto River in Harris County). The models will use consistent, cohesive methodology and rainfall rates, regardless of the county in which those channels are located.

Information to be developed includes **non-regulatory inundation maps** (not intended to replace current effective maps) for the studied streams that show the extent and depth of **riverine flooding** of the larger rivers within the watershed for an array of simulated storm events. Additionally, information will be gathered about the number of structures, acres of land, properties, and miles of roadway that are located within the modeled floodplains. Study results will be used to inform and update **Hazard Mitigation Plans** for each of the participating partners and to provide guidance on regulations for future growth within the study area.

The project area covers nearly 3,000 square miles. The expected completion time frame is Fall 2020. The project is budgeted at \$2.7 million.

Contact Us

The participating project partners are interested in hearing from you. Please contact your local representative with comments and questions:

- **Harris County Flood Control District** – Jing Chen, jing.chen@hcfcd.hctx.net
- **San Jacinto River Authority** – Matt Barrett, mbarrett@sjra.net
- **Montgomery County** – Darren Hess, darren.hess@mctx.org
- **City of Houston** – Adam Eaton, adam.eaton@houstontx.gov

GLOSSARY

Watershed: A geographical region of land or "drainage area" that drains to a common channel or outlet, mostly creeks and bayous. Drainage of the land can occur directly into a bayou or creek, or through a series of systems that may include storm sewers, roadside ditches, and/or tributary channels.

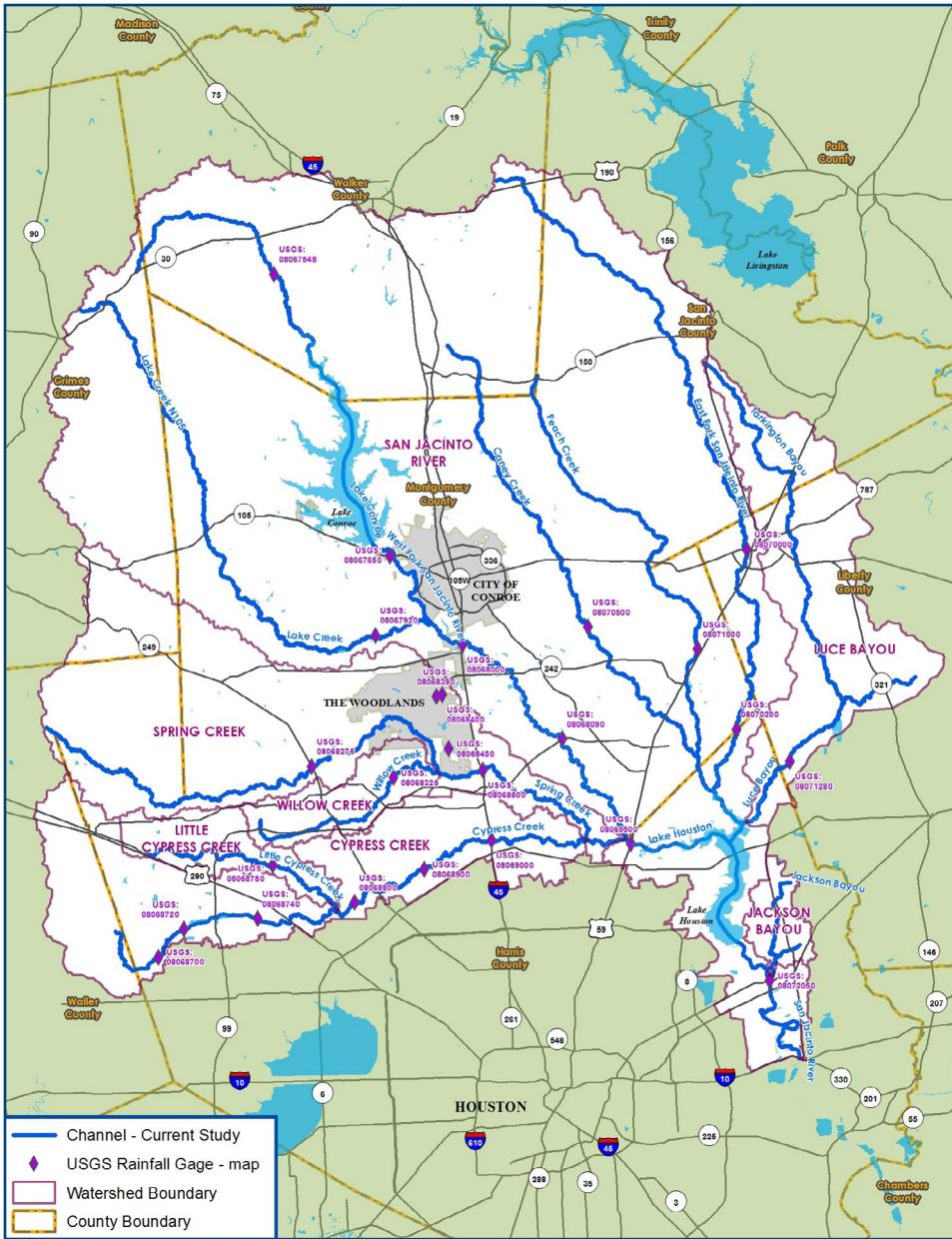
Headwaters: Headwaters are simply the initial source of the water in a river.

Inundation maps: Maps that show where flooding may occur over a range of water levels in a community's local stream or river.

Riverine flooding: Flooding that is the result of creeks and bayous leaving their banks due to heavy rainfall.

Hazard Mitigation Plans: Hazard mitigation is the effort to reduce loss of life and property by lessening the impact of disasters, such as flooding. Governmental organizations engage in hazard mitigation planning to identify risks and vulnerabilities associated with natural disasters, and develop long-term strategies for protecting people and property. Mitigation plans are key to breaking the cycle of disaster damage, reconstruction, and repeated damage.

SAN JACINTO REGIONAL WATERSHED MASTER DRAINAGE PLAN STUDY AREA



3,000 SQUARE MILES OF STUDY AREA

The watershed for the streams to be studied covers an expanse of nearly 3,000 square miles, located in seven different counties:

- Grimes County
- Harris County
- Liberty County
- Montgomery County
- San Jacinto County
- Walker County
- Waller County

The study includes approximately 535 miles of stream, including West Fork San Jacinto River, East Fork San Jacinto River, San Jacinto River, Lake Creek, Cypress Creek, Little Cypress Creek, Spring Creek, Willow Creek, Caney Creek, Peach Creek, Luce Bayou, Tarkington Bayou, and Jackson Bayou.

Stream Name	(Miles)
West Fork San Jacinto River	61.4
East Fork San Jacinto River	73.2
San Jacinto River	16.3
Lake Creek	58.9
Cypress Creek	60.5
Little Cypress Creek	20.8
Spring Creek	69.6
Willow Creek	19.8
Caney Creek	49.3
Peach Creek	53.5
Luce Bayou	10.8
Tarkington Bayou	36.9
Jackson Bayou	4.6
Total	535.6

Attachment G:

Upper San Jacinto River Watershed (Basin)
Map

Upper San Jacinto River Watershed Map

