

SFY 2024-2025 Flood Infrastructure Fund

Abridged Application

Due 4/15/2024 at 11:59pm CDT
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. Please reference the [SFY 2024-2025 Flood Infrastructure Fund \(FIF\) Intended Use Plan \(IUP\)](#) for further explanation of all information and questions included herein.

GENERAL INFORMATION

Entity Name		
Nueces River Authority		
Entity Type (City, County, District, etc.)		
River Authority		
Primary Contact - Who should TWDB contact with questions during the review of this submission?	Name	Travis Pruski
	Title	Chief Operations Officer
	Phone	210-710-0617
	Email	tpruski@nueces-ra.org

PROJECT INFORMATION

Project Name (as Referred to by Applicant)	Nueces Basin Scaling Up NBS Study
Regional Flood Planning Area (01-15)	13
Indicate Type: FME/FMP/FMS under 31 TAC § 361.10 (Only one type per abridged application)	☒ FME ☐ FMP ☐ FMS
Full Name of FME/FMP/FMS as presented in the Regional Flood Plan	Scaling Up Nature Based Solutions (NBS) in the Nueces Flood Planning Region to support community resilience and enhance flood and hazard mitigation planning
Unique 9-digit FME/FMP/FMS ID (Example: 013000001) from the associated Regional Flood Plan	131000179
Is the geographic scope, project scope, and all the expected benefits of the project in this abridged application the same as those presented in the Regional Flood Plan? See the online link to review the associated project information and data. FME List FMP List FMS List Project scopes and claimed project benefits will be verified against the actual projects in the Regional Flood Plan during the application process. Any projects that are subsequently found to diverge from the information presented in this Abridged Application may be subject to reprioritization and/or removal from the prioritization list, regardless of their initial prioritization. Therefore, it is important that all project information be presented accurately in this abridged application.	☒ YES ☐ NO If 'NO', please explain below why and generally explain how the project scope and/or benefits are different than what is presented in the Regional Flood Plan. If 'NO', applicant <u>must</u> also fill in Attachment No. 3 with all project information including the items that are different compared to the information presented in the Regional Flood Plan.
NOTE: Regional flood planning data included in the draft FIF IUP materials, including associated with the abridged application, is not final and remains subject to change based on the final, Board-approved Regional Flood Plans.	

NOTE: Abridged Applications submitted with partial projects from the regional flood plan will be considered ineligible for the FIF (except for phased projects).

FEDERAL AWARD MATCHING FUNDS

Requesting Federal Matching Award Funds?	☐ YES ☒ NO
Name of Federal Grant Program	
Date of Federal Application Submission	
Date of actual or anticipated selection or award	
NOTE: Federal application must have been submitted by Abridged Application submission date, and federal funds must be awarded by TWDB commitment date.	

BUDGET DETAILS

Financing Requested from Federal Sources - Federal Agency Name: Click or tap here to enter text. - Disaster Number (if associated with disaster funding): Click or tap here to enter text.	\$0
Financing from Other Sources (Examples: All cash/loan/bond proceeds/non-federal grants, etc.)	\$250,000
Amount Requested from TWDB	\$750,000
Total Project Cost (Federal Funds + Other Sources + TWDB Request)	\$1,000,000

MINIMUM STANDARDS

Only projects that satisfy all minimum standards will be included in the prioritization. The numbered minimum standards reference the corresponding standard within the IUP.

CHECKLIST	MINIMUM STANDARDS
☒	<u>Regional Flood Plan</u> The project is specifically recommended in the corresponding Regional Flood Plan; the associated, unique, 9-digit ID and name has been provided; and any deviations in the benefits or geographic or other scope of the abridged application from the project that is presented in the Regional Flood Plan are noted, explained, and changed data provided in the associated Attachment No. 3.
☐ OR ☒	<u>1. Benefit/Cost Ratio (BCR)</u> For construction-oriented projects, including those with only planning, acquisition, and design (PAD) phases, the benefit-cost ratio (BCR) of the proposed project is ≥1.0, or the applicant must provide a detailed explanation for why the applicant considers the project to be justified, including a discussion of the primary benefits of the project, if any, that could not be quantified and were therefore not included in the BCR calculation. Please provide the following: - A description of the BCA methodology (See example templates here, including the specific analysis tool and version used). - Documentation of assumptions/parameters used to generate the BCA. - A detailed BCA calculation. Applicant must provide all digital input files for BCA (e.g., Excel BCA Input Tool Run or additional calculations used in Excel or other formats) - Identify and explain the responsible party for operation and maintenance (O&M) of the infrastructure and from what funding source O&M will be provided. O&M costs should be included within the BCA. <u>OR</u> N/A for FME Category, FMS Category, and potentially federal award matching fund projects (See the “Federal Award Matching Funds” section of the IUP for details).
☐ OR ☒	<u>2. Memorandum of Understanding (MOU)</u> If the project is a flood control project (as defined in 31 TAC § 363.402(3)), and the project watershed is partially located outside the political subdivision making the application, attach the following information: - A list of all eligible political subdivisions that will be required to approve and sign an MOU (all eligible political subdivisions, as defined in the IUP, within the project watershed). - A certification that the applicant has provided a copy of the proposed MOU and an adequately detailed description of the proposed project to all eligible political subdivisions on the list. - PDF maps and GIS/KMZ files for all proposed project components and all boundaries for cities, districts, etc. within the proposed project watershed area. <u>OR</u> N/A for projects that are not flood control projects, including FMEs, or projects where the project watershed lies wholly within the applicant’s boundaries.
☒ AND ☒	<u>3. Affidavit</u> (a) 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. <u>AND</u> (b) Applicant is aware of the affidavit requirements for the full/complete application and has or will fulfil all applicable requirements
☒	<u>4. Redundant Funding</u> The funding request does not include redundant funding for activities already performed and/or funded through another source.
☒ OR	<u>5. National Flood Insurance Program</u> (a) The area to be benefitted by the proposed project has floodplain management ordinances in place and the appropriate entity is currently enforcing floodplain management standards at least equivalent to the National Flood Insurance Program (NFIP) minimum standards. <u>OR</u> (b) Requesting funds to fulfill additional requirements for participation in the National Flood Insurance Program.

CHECKLIST	MINIMUM STANDARDS
☐	
☒	6. Best/Most Recent Available Data The proposed project was developed using the best and most recent available data.
☐ OR ☒	7. Request for Constructions Funds (a) Operations and maintenance (O&M) costs associated with proposed facilities have been considered; AND, (b) Floodwater capture techniques have been considered. OR N/A for projects that are not requesting construction funds.
☒ OR ☐	Additional Requirements for Flood Management Evaluation (FME) Category Applicant is aware that prior to the complete application, but not prior to the submittal of the abridged application, applicants must notify all cities, counties, non-profit water supply corporations, regional planning agencies, regional water planning groups, and all districts and authorities created under the Texas Constitution, Article III, Chapter 52, or Article XVI, Chapter 59, in the planning area by certified mail that an application for planning assistance is being filed with the TWDB. OR N/A for projects that do not fall within the Flood Management Evaluation (FME) Category.
☐ OR ☒	Additional Requirements for Flood Management Strategy (FMS) Category The following is required in the abridged application for FMS Category non-study funding applications, which include construction-oriented projects and implementation projects, such as regulatory changes, flood warning improvements, emergency action plans, and education campaigns: • Detail of the current flood risk in the project area. • Detail of the revised flood risk of the project area if the project is constructed/implemented. • The level of protection (i.e., 4%, 2%, 1% annual chance storm events) provided by the proposed project must be reported, when possible. For example, some implementation projects (like regulatory changes) may have defined levels of protection, others (like education campaigns) may not. The following is required in the abridged application for roadway construction-oriented projects: • Roadway classification • Traffic count • Detour distances • Accident data • Inundation risk including depths and velocities during 50%, 10%, 4%, 2%, 1% and 0.2% annual chance storm events. The following is required in the abridged application for Flood Early Warning Systems (FEWS) construction-oriented projects: • Quantitative information on the population impacted. OR N/A for projects that do not fall within the Flood Management Strategy (FMS) Category.

DESCRIPTION OF PROPOSED PROJECT

Please be sure this description includes all major project components and clearly states what the project seeks to accomplish.

Nueces SUNS (Scaling Up Nature-based Solutions): A multi-jurisdictional **feasibility analyses** in targeted areas of the Nueces River Basin to identify a prioritized portfolio of nature-based solutions (NBS) flood mitigation projects and strategies that consider both risk reduction and ecological benefits

Nature-based solutions (NBS) are a proven, cost-effective strategy for enhancing resilience. Unfortunately, NBS projects are often unfunded partially because (1) these types of projects are poorly represented in existing plans, (2) there are a shortage of “shovel ready” projects, and (3) many smaller and/or rural communities lack the capacity to identify and develop these projects. This lack of shovel ready, fundable NBS projects holds true for many of the regional flood plans submitted to the Texas Water Development Board during the first round of flood planning, including in the Nueces Regional Flood Plan. The lack of NBS projects included in this plan means that communities in the Nueces River Basin will be at a disadvantage for securing state funding to implement NBS projects which will have cascading impacts on their ability to secure the numerous, and increasingly available federal funding opportunities to support NBS project development and implementation, including funding from sources such as NFWF’s America the Beautiful and Coastal Resilience opportunities and FEMA’s Building Resilient Infrastructure and Communities (BRIC) program.

One of the goals established in the Nueces Regional Flood Plan is to “increase nature-based practices through land conservation and restoration programs and participation in landowner incentive programs to encourage voluntary land stewardship practices to manage floodwaters, slow runoff, and dissipate flood energy to include riparian, wetland, forest, upland and other habitat protection programs.” To address this goal and increase the number of approved NBS projects and strategies in the Nueces Regional Flood Plan, The Nature Conservancy (TNC) and Nueces River Authority (NRA), propose to develop and implement a Scaling Up Nature-based Solutions (SUNS) project in the Nueces River Basin.

Nueces SUNS is proposed as a stakeholder-driven planning effort to develop NBS to reduce risk from flooding events for communities within the Nueces Basin and improve water resource management benefiting wildlife and biodiversity. We propose to replicate and adapt TNC’s [Florida SUNS](#) project conducted across a three-county area in the Florida Panhandle and support inclusion of NBS projects in the next iteration of the Nueces Regional Flood Plan and ultimately in the Texas Water Development Board’s State Flood Plan.

We propose to implement a community-driven approach for adopting and scaling up NBS in the 31 counties and 57 municipalities within the Nueces River Basin. This will include conducting a needs assessment and then identifying opportunities to both integrate NBS into existing projects currently in the plan, to identify opportunities for the development of additional NBS projects and for large scale restoration and protection within the basin. The purpose of the needs assessment is to establish connections with local governments; identify potential members of the Nueces SUNS working groups; gauge the interest in nature-based resilience solutions; and to understand planning that has been accomplished to date, the status of these planning efforts and project development needs. The needs assessment will include an assessment of areas with high flood risk, high development pressure and low capacity for project development and implementation.

These needs and opportunities will be vetted through one-on-one conversations with stakeholders and subsequently by working groups and then used to co-develop a regional, prioritized portfolio of NBS projects and strategies. High priority projects in the portfolio can then be moved through engineering and design during additional phases of project implementation. Initial NBS considerations include protection and restoration of greenspace/ open space in the floodplain, protection of wetland migration pathways, riparian restoration and channel bank improvements, green stormwater infrastructure and stormwater wetland parks, living shorelines, including oyster reefs, beach and dune restoration, and integration of regional recreational opportunities with co-benefits.

The **overall objectives** of the project are to: (1) provide communities with decision-making knowledge and tools to inform the use of NBS and channel investment for projects and strategies that have high stakeholder buy-in; (2) develop and facilitate a planning process to create a prioritized portfolio of basin-wide NBS investments that takes into account both risk reduction and habitat/connectivity benefits of the proposed projects; and (3) encourage future adoption and implementation of NBS by providing technical support, capacity building trainings, and providing materials that enable evaluation of the likely benefits (social, economic, and ecological) of projects in the portfolio.

The **primary deliverables** will include: the formation of a stakeholder working group for each the three main Texas Parks and Wildlife Department (TPWD) eco-regions of the basin (Gulf Coast Prairies, South Texas Plains and Edwards Plateau); basin-wide maps summarizing NBS priorities; an NBS plan for each region that includes a portfolio of priority NBS projects; presentations on results to the Nueces Regional Flood Planning Group members and to the project managers of the Texas General Land Office's Coastal Resiliency Master Plan.

Anticipated outcomes will address a substantial barrier to NBS in Texas by producing a regionally developed, approved and prioritized list of NBS projects in the Nueces River Basin, with high priority projects positioned to move through the project pipeline, in addition to the identification of large scale NBS strategies for the basin. Lessons learned through our process in the Nueces River Basin of Texas will be documented to allow for replicating this process in other regional flood planning areas of Texas in need of developing NBS projects for integration into their regional flood plans.

Best/Most Recent Data – The information and data presented in this application represents the best and most recent data from the state flood plan and/or from industry practice.

List of Attachments

- Attachment 1 – Certifications
- Attachment 2 – MOW (N/A)
- Attachment 3 - Updated Project Information for Consideration (N/A)
- Attachment 4 – Study Area Boundary Map and List of HUC12s
- Attachment 5 – NFIP and Floodplain Management Enforcement Documentation
- Attachment 6 – AMHI Calculation Documentation
- Attachment 7 – SVI Calculation Documentation

INFORMATION FOR GRANT FUNDING - Provide information for the applicable level of grant funding.

Flood Management Evaluation¹ (FME) Category:

Grant Qualifier	Applicant Response
What is the AMHI (weighted average based on population) of the project area? If requesting grant funds that rely on a calculation of the AMHI, then <u>attach the calculation</u> 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.	\$57,497 (79% of state average of \$73,035)

Flood Mitigation Project² (FMP) and Flood Management Strategy³ (FMS) Categories:

Grant Qualifier	Applicant Response
What is the AMHI (weighted average based on population) of the project area? If requesting grant funds that rely on a calculation of the AMHI, then <u>attach the calculation</u> 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.	N/A
For consideration as a Rural Applicant: Are you an eligible entity based on the definition below? If so, please identify the applicable category below or provide an explanation under (D): (A) a nonprofit water supply or sewer service corporation created and operating under Chapter 67 of the Texas Water Code or a district or authority created under Section 52, Article III, or Section 59, Article XVI, Texas Constitution, no part of the service area of which is located in an urban area with a population of more than 50,000; (B) a municipality: (i) with a population of 10,000 or less; or (ii) located wholly in a county in which no urban area has a population of more than 50,000; (C) a county in which no urban area has a population of more than 50,000; or (D) an entity that: (i) is a nonprofit water supply or sewer service corporation created and operating under Chapter 67 of the Texas Water Code, a district or authority created under Section 52, Article III, or Section 59, Article XVI, Texas Constitution, a municipality, county, or other political subdivision of the state, or an interstate compact commission to which the state is a party; and (ii) demonstrates in a manner satisfactory to the board that the entity is rural or the area to be served by the project is a wholly rural area despite not otherwise qualifying under Paragraph (A), (B), or (C).	N/A
For consideration as a Green or Nature-Based project:	N/A

¹ 31 TAC § 361.10 Flood Management Evaluation (FME)--A proposed study to identify and assess and quantify flood risk or identify, evaluate, and recommend flood risk reduction solutions.

² 31 TAC § 361.10 Flood Mitigation Project (FMP)--A proposed project, both structural and non-structural, that has a non-zero capital costs or other non-recurring cost and that when implemented will reduce flood risk, mitigate flood hazards to life or property.

³ 31 TAC § 361.10 Flood Management Strategy (FMS)--Flood risk reduction solution ideas and strategies that do not belong in FME or FMP categories. Examples may include regulatory enhancements, development of entity-wide buyout programs, and public outreach and education.

What is the percentage of total project costs that are considered green or nature-based? <u>The calculation must be attached.</u>	
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SELECT QUESTIONS FOR PRIORITIZATION CRITERIA

Criteria	Applicant Response
<u>TIEBREAKER: Social Vulnerability Index (SVI)</u>	Average SVI of benefitting area: 0.60 Geographic basis: ☒ Census Tracts ☐ Counties <i>Please attach a list of the selected geographies and an explanation of why they were selected.</i>

ADDITIONAL INFORMATION FOR THE FLOOD INFORMATION CLEARINGHOUSE COMMITTEE

This form is not required for submittal of a SFY 2024-2025 FIF Abridged Application.

Responses to the following questions, along with other information included in this Abridged Application, will be shared with the Flood Information Clearinghouse Committee (FLICC). The FLICC is a cooperative effort between the TWDB, General Land Office (GLO), Texas Division of Emergency Management (TDEM), and other state and federal agencies that administer flood mitigation financial assistance programs. After review by the FLICC, the applicant may be advised on other available funding opportunities for this project and given instructions on how to apply to relevant programs.

Please visit the FLICC website for more information: www.texasfloodclearinghouse.org

Type of Assistance Requested (Check all that apply):	☐ Low Interest Loan ☒ Grant ☐ Loan/Grant Combination ☐ Local Match for Federal Funding
Is the application requesting funds for the local cost share of a federally funded project? If yes, what is the name of the program?	☐ Yes, Name of program: ☒ No
Associated FEMA disaster name and number (if applicable).	Numerous for Nueces Basin, 12 historic federal flood disasters declarations, which include: 930, 246, 313, 603, 727, 930, 1179, 1257, 1425, 4272, 4377, and 4416
County(ies) in which the project is located.	Atascosa, Wilson, Kinney, Uvalde, Medina, Bexar, Bandera, Real, Edwards, Kerr, Brooks, Kenedy, Jim Hogg, Kleberg, Nueces, Duval, Jim Wells, San Patricio, Webb, Aransas, Refugio, Dimmit, La Salle, McMullen, Bee, Live Oak, Goliad, Maverick, Zavala, Frio, Karnes
Does the applicant have an approved Hazard Mitigation Plan?	No
Is the community to be served by the project in good standing with the National Flood Insurance Program (NFIP)?	Yes
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
Will this project mitigate a repetitive or severe repetitive loss property?	No

ATTACHMENT CHECKLIST

Complete	N/A	Attachment Description
☐	☒	<u>Benefit-Cost Ratio</u> – BCR required information (See “Minimum Standards”).
☐	☒	<u>Memorandum of Understanding</u> – MOU required information (See “Minimum Standards” and Attachment No. 1).
☒	☐	<u>Maps</u> – Maps detailing project or study area boundaries, all proposed project components, HUC12, and all boundaries for cities, districts, etc. within the proposed project watershed area (See “Minimum Standards”): • FME Category: PDF maps and GIS files must be submitted. • FMP Category: PDF maps and GIS/KMZ files must be submitted. • FMS Category: PDF maps and GIS/KMZ files must be submitted.
☒	☐	<u>National Flood Insurance Program</u> – A pdf copy of (or a link to) ordinances demonstrating the area to be primarily benefitted by the proposed project has floodplain ordinances in place at least equivalent to NFIP minimum standards (See “Minimum Standards”).
☒	☐	<u>National Flood Insurance Program</u> – Certification on enforcing floodplain management standards for all applicable areas (See Attachment No. 1).
☒	☐	<u>Best/Most Recent Data</u> – Documentation indicating the best/most recent data was used in the development of the proposed project (See “Minimum Standards”).
☒	☐	<u>Average Median Household Income</u> – If requesting grant funds that rely on a calculation of the AMHI, 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 “Information for Grant Funding”).
☒	☐	<u>Social Vulnerability Index</u> – List and explanation of geographies used to determine average SVI (See “Select Questions for Prioritization Criteria”).
☐	☒	<u>Federal Award Matching Funds Projects Only</u> - Documentation of an existing federal award pending availability of local match or submission of application for federal award (See “Project Information”).
☐	☒	<u>Construction Projects Only</u> – Description of the anticipated funding source for operations and maintenance costs (See “Minimum Standards”).
☐	☒	<u>Flood Management Strategy Category Only</u> – Additional required information for FMS Category (See “Minimum Standards”).
☐	☒	<u>For Green or Nature-Based Projects Only</u> – Documentation showing the calculation of the total project costs that are considered green or nature-based (See “Information for Grant Funding”).
☒	☐	<u>Optional Item</u> – Additional Information for the Flood Information Clearinghouse Committee (FLICC) (See “Additional Information for the Flood Information Clearinghouse Committee”).

SUBMITTAL

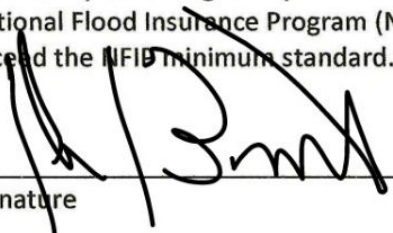
I, John J. Byrum II, Executive Director, as the designated authorized representative of the Nueces River Authority, hereby approve and authorize the submission of this abridged application to the Texas Water Development Board. I certify that all information contained herein is true and correct to the best of my knowledge, that all minimum standards applicable at this stage of submission for the proposed project have been met, and that all required attachments have been included. I understand the failure to submit a complete abridged application by the stated deadlines may result in the withdrawal of the abridged application without review.



Signature

ATTACHMENT 1: CERTIFICATIONS

Certification on MOUs (See Minimum Standard No. 2) If no MOUs will be required, check here: ☒	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. _____ Signature _____ Date
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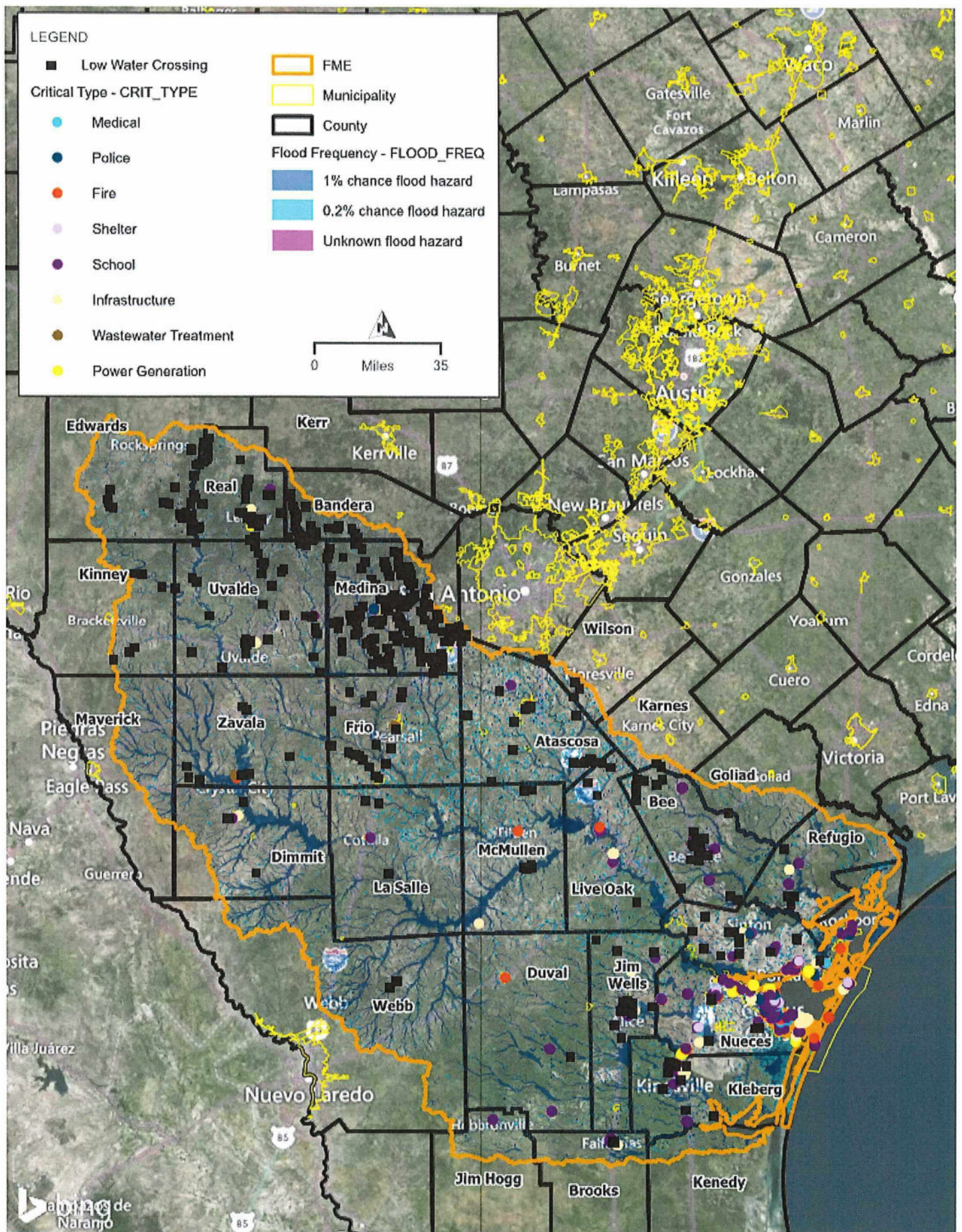
Certification on Enforcing Floodplain Management Standards (See Minimum Standard No. 5) Exception: The <u>only</u> exception is an entity that is requesting FIF funding to fulfill additional requirements for participation in the National Flood Insurance Program. If this is the situation, check here: ☒	I, John J. Byrum _____ (Name), serving as Executive Director, Nueces River Authority _____ (Title) hereby certify that _____ Counties within the Nueces Basin _____ (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 those may exceed the NFIP minimum standard.  _____ Signature 04/15/2024 _____ Date
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ATTACHMENT 2: Memorandum of Understanding

Not Applicable

ATTACHMENT 3: Updated Project Information for Consideration

Not Applicable



FLOOD MANAGEMENT EVALUATION (FME): 131000179

PROJECT AREA

FIGURE 1

Attachment 4

HUC 12 List

OBJECTID	objectid	tnmid	metasource	sourcedata	sourceorig	sourcefeat	loaddate	referenceg	areaacres	areasqkm	states	huc12	name	hutype	humod	tohuc	noncontrib	noncontr_1	shape	Leng	Shape_Length	Shape_Area
1162	6	{3893E8BF-1265-2C0B-E054-0021286F9DF6}	{00067ACA-92EC-482E-BF17-9DC73155999D}				2013-01-18 0:00:00		16119.31	65.23	TX	121102050803	Tunas Creek	S	OT	121102050808	0	0	0.461425445	48356.21606	65233491.48	
1225	69	{888EFF15-44FC-409D-B7BF-8C76BFED6F59}	{5E8A6796-9EE0-45DC-8DDA-5C49F2A1EB8E}				2016-09-22 0:00:00		149590.31	605.37	TX	121004050400	Aransas Bay	W	OT,GC	121004050500	0	0	1.285399509	134367.3802	604749262.2	
2364	1209	{5A1D3857-F8E7-43B6-8BAB-22A80C71DA37}	{AD98AA61-54D8-4DE0-B1DB-1B98696916ED}				2018-01-04 0:00:00		16450.53	66.57	TX	121101060405	Garwood Lake-Frio River	S	NM	121101060802	0	0	0.451710756	46064.40752	66382403.9	
2365	1210	{8F14954B-2DEC-47C5-B06C-B265A41EAE8D}	{AD98AA61-54D8-4DE0-B1DB-1B98696916ED}				2018-01-04 0:00:00		15183.42	61.45	TX	121101060505	Lower Blanco Creek	S	NM	121101060802	0	0	0.442882594	46333.38172	61265620.95	
2366	1211	{31101989-4563-4D01-9728-3DCF95ECD833}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		11446.21	46.32	TX	121101050504	Lower Dolores Creek	S	NM	121101050505	0	0	0.388797339	40434.14455	46271711.85	
2367	1212	{8BDD54CC-4558-477C-BC4B-EBD41F21A667}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		20125.83	81.45	TX	121101050503	Middle Dolores Creek	S	NM	121101050504	0	0	0.486977325	50169.27647	81358108.94	
2369	1214	{1907550D-CC1C-4F06-93F4-8D90B961AD26}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		24064.53	97.39	TX	121101050505	Upper Los Olmos Creek	S	NM	121101050506	0	0	0.49147334	51538.76151	97293790.92	
2378	1223	{141F94E1-5925-481E-BD2B-F57EE54471F7}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		15808.97	63.98	TX	121004050201	Plumbers Slough-Frontal Copano Bay	F	NM	121004050205	0	0	0.3700948	38648.26296	63885407.05	
2380	1225	{29CE8A46-8856-4C31-B4EC-A132764A4745}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		26395.27	106.82	TX	121004050203	Fresh Water Lake-Frontal Copano Bay	F	TF	121004050205	0	0	0.595939064	61707.46247	106707773.5	
2384	1229	{4662C61C-D1A6-4E4D-B1B7-DF9A59FC29EF}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		13033.92	52.75	TX	121004060205	Arroyocito Creek-Blanco Creek	S	NM	121004060206	0	0	0.381550295	40439.84528	52644148.23	
2385	1230	{4CAD1C1C-2186-409C-B167-654E0E492225}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		22181.14	89.76	TX	121102060304	Mesquite Lake-Cibolo Creek	S	NM	121102060501	0	0	0.599714599	61708.2077	89821224.09	
2386	1231	{91B34D80-5285-4AD0-865A-3FA62F6F6688}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		17625.51	71.33	TX	121102060401	Arroyo de Magueyes	S	NM	121102060403	0	0	0.546104238	56605.21737	71364784.44	
2387	1232	{D188AD38-9580-46FD-989C-0FF83A0D3A16}					2013-01-18 0:00:00		12683.06	51.33	TX	121101080501	Salt Branch-Frio River	S	TF	121101080502	0	0	0.407582519	42839.3698	51228869.61	
2400	1245	{DD031547-3172-4980-B509-7FB2162EE3F0}					2013-01-18 0:00:00		18599.45	75.27	TX	121004050305	Upper Cavasso Creek	S	NM	121004050306	0	0	0.332875721	35045.974	75147734.85	
2402	1247	{09D43AE3-A9FF-4729-83A7-690F3A9E0A35}					2013-01-18 0:00:00		18721.93	75.77	TX	121101080502	Black Hill Hollow-Frio River	M	RS	121101080503	0	0	0.510517348	53107.48698	75618895.15	
2407	1252	{5C8C106C-E186-4A0E-9F27-5BE81F891396}	{AD98AA61-54D8-4DE0-B1DB-1B98696916ED}				2018-01-04 0:00:00		23745.79	96.1	TX	121101050708	Traylor Lake	M	NM	121101050709	0	0	0.540624873	55706.65876	95993393.02	
2410	1255	{0FD62DAF-3291-4A86-860C-1050480BA1C4}	{AD98AA61-54D8-4DE0-B1DB-1B98696916ED}				2018-01-04 0:00:00		15457.82	62.56	TX	121101090304	Liveoak Creek	S	NM	121101090305	0	0	0.372053637	39018.79523	62407561.22	
2412	1257	{17DF55AD-19D6-4F67-9D14-4C47EBC02A3C}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		13983.78	56.59	TX	121004070404	Egery Island-Aransas River	S	GC,TF	121004050205	0	0	0.422473255	43792.13453	56252139.31	
2414	1259	{7C8AB135-43E6-411E-B4BE-9509304DB2AA}					2013-01-18 0:00:00		23237.48	94.04	TX	121101090103	Lower San Francisco Perez Creek	M	GC	121101090104	0	0	0.476105844	50200.77719	93764041.13	
2425	1271	{FCB58BAE-6896-4A06-906C-8565AEB708DB}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		15083.3	61.04	TX	121101050603	Upper Becerra Creek	S	NM	121101050604	0	0	0.389966509	41022.56969	60998639.54	
2428	1274	{1CC97B89-E4D1-415E-B0B4-5990614D6741}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		19702.75	79.73	TX	121004060307	Lower Mission River	S	NM	121004050205	0	0	0.472585338	48990.59114	79622562.8	
2430	1276	{03641BE2-5DC2-4C5B-801F-276552BA9D68}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		32789.07	132.69	TX	121004060101	Headwaters Medio Creek	S	NM	121004060103	0	0	0.626499367	65263.89699	132394343.4	
2469	1326	{6E69F942-5A32-4692-9155-89B164E3966C}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		32044.46	133.73	TX	121004050204	Salt Lake-Frontal Copano Bay	F	TF,GC	121004050205	0	0	1.004923348	104700.9341	134591736.1	
2472	1329	{8E4999E7-2EB7-428D-B8FF-648D14B245E6}					2013-01-18 0:00:00		21407.76	86.63	TX	121101080506	Hackberry Creek-Frio River	M	DM	121101110101	0	0	0.617433477	64763.39989	86464207.29	
2474	1331	{8006ABF1-56B8-4019-B6F5-2FC50AAFAFD9}					2013-01-18 0:00:00		34032.27	137.72	TX	121004050304	Willow Creek-Salt Creek	F	NM	121004050308	0	0	0.737032536	77768.43288	137484477	
2475	1332	{9A8B0E48-E0FC-4ACF-B5F8-17C1DEB0FB8E}					2013-01-18 0:00:00		18353.14	74.27	TX	121004050306	Lower Cavasso Creek	F	TF	121004050308	0	0	0.562836907	58758.84552	74162553.72	
2477	1334	{5D7795B8-1D17-4222-A2F3-3AE1D50CA588}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		14819.84	59.97	TX	121004060206	Murphy Creek-Blanco Creek	S	NM	121004060209	0	0	0.474427828	48385.54754	59864756.79	
2478	1335	{83CE950D-9FF5-4A6E-8174-B7D3882B0CC3}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		17799.43	72.03	TX	121004070204	Spring Creek	S	PS	121004070206	0	0	0.379453125	39485.09009	71910810.96	
2479	1336	{E97B6236-DCD0-4680-9355-0E16342F59A3}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		34393.92	139.19	TX	121004060305	Middle Creek	S	TF	121004060306	0	0	0.690739745	73348.9822	138169702.5	
2480	1337	{878E9B4C-9251-412E-A720-5E1B5DF67F78}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		9058.94	36.66	TX	121004050307	Big Devil Bayou-Frontal Saint Charles Bay	F	NM	121004050308	0	0	0.436767862	45754.60234	36607428.58	
2481	1338	{F8D70D44-BF34-49F3-88FB-83E8AC270388}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		16374.39	66.26	TX	121004060109	Outlet Medio Creek	S	NM	121004060301	0	0	0.448571791	46460.02628	66154934.11	
2482	1339	{9E6A5BE4-5FA8-4E50-A5C9-53182C52FA16}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		28367.73	114.8	TX	121004060209	Outlet Blanco Creek	S	TF	121004060301	0	0	0.56971644	60578.41894	114595261.7	
2483	1340	{C045873D-F5E5-46B7-855A-16AEFA002DFC}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		38453.97	155.62	TX	121004070402	Big Lake-Aransas River	S	TF	121004070404	0	0	0.806377048	82828.39652	155422091.8	
2484	1341	{E2B83420-9B32-4B8F-B129-1B61B8996CC5}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		21718.16	87.89	TX	121004060103	Toro Creek-Medio Creek	S	NM	121004060104	0	0	0.520237768	53450.50132	87705542.48	
2485	1342	{28AA6C8A-83D1-4408-98E8-E97AA845E37D}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		33887.51	137.14	TX	121004060104	San Domingo Creek-Medio Creek	S	NM	121004060105	0	0	0.649243332	67397.15721	136862796.6	
2486	1343	{787546DD-C647-482B-80CF-30AF461185C8}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		34150.48	138.2	TX	121004060201	Headwaters Blanco Creek	S	NM	121004060202	0	0	0.683859942	71206.16826	137910521.1	
2487	1344	{3DC89D66-402D-49C7-8277-4C2ECCA7E65A}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		24638.24	99.71	TX	121004060202	Millers Creek-Blanco Creek	S	NM	121004060204	0	0	0.544112657	56364.01601	99501484.91	
2488	1345	{E5684C65-E5B0-48B8-8CF5-F32934EFA0C3}	{D87F3565-0AD4-4BD9-B4C6-8E2AE7936CE4}				2017-12-07 0:00:00		23619.86	95.59	TX	121004060204	Mucorrera Creek-Blanco Creek	S	NM	121004060205	0	0	0.54545715	56389.53326	95404479.59	
2495	1352	{D46207DA-CBA6-468E-A466-62D9988BA943}					2013-01-18 0:00:00		17792.66	72	TX	121101090102	Upper San Francisco Perez Creek	S	NM	121101090103	0	0	0.495999792	52119.02768	71782034.26	
2500	1357	{8AB7AC88-9CDB-480F-B0E4-E0570E2B1AAA}					2013-01-18 0:00:00		18776.76	75.99	TX	121004060102	Dry Medio Creek	S	NM	121004060103	0	0	0.467535961	48234.0982	75280728.81	
2501	1358	{47D103B4-207F-4BE8-9429-EEC05B459CF0}					2013-01-18 0:00:00		8613.02	34.86	TX	121004050308	Bartell Island-Saint Charles Bay	W	OT	121004050400	0	0	0.508802815	53126.34319	34806236.57	
2502	1359	{177E53F2-EA62-4EA4-B6E6-045155380F15}					2013-01-18 0:00:00		22842.71	92.44	TX	121004060107	South Blancaonia Oil Field-Medio Creek	S	NM	121004060109	0	0	0.708686381	73250.70645	92283847.29	
2504	1361	{8E27F090-58BD-47AE-8C26-9A642A67CC40}					2013-01-18 0:00:00		11453.44	46.35	TX	121004060106	Parker Hollow Creek	S	NM	121004060107	0	0	0.401761805	41892.77376	46264919.59	
2507	1364	{F58F7E6B-EFB3-48BE-938A-3DAAB6C75087}					2013-01-18 0:00:00		30622.7	123.93	TX	121004060105	Boggy Creek-Medio Creek	S	NM	121004060107	0	0	0.782346032	81789.9144	123682629.6	
2508	1365	{38C7F299-67B8-4783-8033-DC6AE9E8BB30}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}				2013-01-18 0:00:00		22451.5	90.86	TX	121101050501	Upper Dolores Creek	S	NM	121101050503	0	0	0.489581343	50545.92631	90775588.77	

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2598	1462	{6F43BEF5-203A-44B9-AE4A-9C7598B663D1}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	23794.26	96.29 TX	121101050205	Koehne Lake	S	NM	121101050207	0	0	0.473603842	48566.36276	96150481.44
2599	1463	{F00AF2E5-876C-4448-BC79-70B4495B1112}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	24078.46	97.44 TX	121102060202	Palo Blanco Oil Field-Palo Blanco Creek	S	NM	121102060206	0	0	0.630735572	64927.3043	97500801.7
2600	1464	{F6A563B8-3BEC-4A1F-B5F5-DC882749BA72}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	34450.06	139.41 TX	121102060204	Upper Laborcitas Creek	S	NM	121102060205	0	0	0.753024045	77396.62394	139457552.9
2601	1465	{42EB2720-676C-4DDF-AE8D-9B3F414447D8}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17725.02	71.73 TX	121102060205	Lower Laborcitas Creek	S	NM	121102060206	0	0	0.535321115	55017.39861	17169465.9
2603	1467	{5EC2FF5A-E5C7-49DC-B0E0-7AAB8CC044A}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	13073.73	52.91 TX	121101100101	North Prong Atascosa River	S	GC	121101100102	0	0	0.328151019	34180.03233	52748102.58
2605	1469	{FDB46B88-7A6F-4A1C-9CA9-F228DB367B27}		2013-01-18 0:00:00	17090.39	69.16 TX	121101090105	Becerro Creek-San Miguel Creek	S	NM	121101090301	0	0	0.464926803	48723.23353	68979511.58
2606	1470	{07CA25DB-49AC-423C-99CF-DA2439E53F10}		2013-01-18 0:00:00	22239.25	90 TX	121101090204	Buckhorn Creek-Black Creek	S	NM	121101090301	0	0	0.64333463	66851.12515	89767619.12
2607	1471	{8B83805D-E165-4D60-9237-5F21047C9CB1}		2013-01-18 0:00:00	15502.14	62.73 TX	121101090205	121101090205	S	NM	121101090301	0	0	0.429551222	44103.3833	62578614.18
2611	1475	{2142DB95-3E55-4716-8D9F-59B8BA853A71}		2013-01-18 0:00:00	30981.42	125.38 TX	121101090202	Horse Creek-Black Creek	S	NM	121101090203	0	0	0.565594645	59482.10883	125029290.4
2624	1488	{DB5EA313-DE2D-4E74-B91A-7949F78F0C8C}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	32623.59	132.02 TX	121101080101	Lockhardt Creek-Frio River	S	NM	121101080103	0	0	0.561746009	59023.35728	131711365.6
2631	1495	{5EA043D4-9405-4284-8795-E0A4FF35DCA9}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	36325.85	147.01 TX	121101080402	El Sauz Creek-Esperanza Creek	S	NM	121101080403	0	0	0.631432003	65926.70316	146692457.2
2633	1497	{969828E0-C80F-4F06-84EB-EB159DE045F2}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	26269.02	106.31 TX	121101080403	Prairie Creek-Esperanza Creek	S	NM	121101080407	0	0	0.492405582	51825.73628	106088078
2639	1503	{0736E189-5194-4EAD-8FD3-8551A2A359DB}		2013-01-18 0:00:00	35483.94	143.6 TX	121101090301	Cat Creek-San Miguel Creek	S	NM	121101090303	0	0	0.58642281	61115.83413	143242540.2
2640	1504	{2C8DE610-C8B4-498C-94C8-51E63AE10EC9}		2013-01-18 0:00:00	17754.13	71.85 TX	121101090302	Live Oak Creek-Hackberry Creek	S	NM	121101090303	0	0	0.444149974	45925.19839	71677567.89
2643	1507	{7D32B18E-198A-4367-AA4D-FEE45934162D}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26628.43	107.76 TX	121102060302	Lagunas Negras-Cibolo Creek	S	NM	121102060304	0	0	0.608599907	62533.27665	107807927
2645	1509	{F433FCBF-4BC9-4D05-BF50-E22CDE978364}		2013-01-18 0:00:00	23561.29	95.35 TX	121101090303	Calf Creek-San Miguel Creek	S	NM	121101090305	0	0	0.532100948	55260.14662	95130169.9
2648	1512	{131BF1C1-133E-4E19-B472-73FACFC8027E}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19678.98	79.64 TX	121102060303	Ramada del Toro Creek	S	NM	121102060304	0	0	0.533002295	55219.65706	79666304.61
2649	1513	{779188D0-44B4-4964-8A8A-B9C42F61DCD5}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	10764.7	43.56 TX	121102040206	Outlet Santa Gertrudis Creek	S	GC	121102040410	0	0	0.459607693	47886.53287	43567004.07
2650	1514	{921F9D58-AD5E-413C-BB71-AC44838A9F02}		2013-01-18 0:00:00	37104.46	150.16 TX	121101090305	Indian Creek-Raccoon Creek	S	NM	121101090501	0	0	0.633188745	65720.38071	149823260.6
2651	1515	{9D83A3C8-DEB7-473D-A2C3-6DAA379A65FD}		2013-01-18 0:00:00	17660.82	71.47 TX	121101090401	Headwaters Lagunillas Creek	S	NM	121101090402	0	0	0.361987302	37205.13529	71282702.9
2652	1516	{8E5A4C94-AD06-44EA-B5B6-7AF43165E420}		2013-01-18 0:00:00	26879.14	108.78 TX	121004050303	Burgentine Creek	F	LE,GC	121004050308	0	0	0.526653357	55562.37456	108595391.9
2653	1517	{CCFF8951-19E7-496A-8AC8-F42A1A946B58}		2013-01-18 0:00:00	28560.86	115.58 TX	121004050301	Artesian Creek	S	TF,GC,LE	121004050302	0	0	0.547704796	57667.89646	115376694
2654	1518	{1956A224-8229-4F3E-923E-D9F5F4ECD8D1}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	11929.97	48.28 TX	121102040103	Headwaters Santa Gertrudis Creek	S	NM	121102040109	0	0	0.558505973	57522.38635	48268557.4
2655	1519	{95E86639-14A1-4215-82C6-7544BB2D9DBA}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	103437.9	418.6 TX	121102020200	Corpus Christi Bay	W	TF	121102020300	0	0	1.063459623	109991.3819	418365499.8
2656	1520	{9E5D796F-6D4A-4284-8345-95D2916EC969}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	39069.34	158.11 TX	121101070102	Wards Creek-Hondo Creek	S	NM	121101070109	0	0	0.769287771	79406.09852	157567591
2657	1521	{8DA42F76-51E4-4C24-882F-6DAB39146B08}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	148423.46	600.65 TX	121102030100	Upper Laguna Madre	S	OT,GC,LE,TF	121102030200	0	0	1.381681575	146190.5939	600662044.7
2660	1524	{7C350414-5A95-43F2-A343-7006F01B78B7}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	31774.02	128.59 TX	121102050106	Ebanito Creek-Jaboncillos Creek	S	OT	121102050707	0	0	0.986922723	102043.1668	128611005
2661	1525	{E58D918E-03B6-4001-A3B2-5951486CF304}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	25163.78	101.83 TX	121102040306	Red Windmill	S	PS	121102040307	0	0	0.522216872	54018.10711	101745044.6
2662	1526	{EBDE675C-516F-4E53-BF84-29A015B42A7B}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	10275.14	41.58 TX	121102040307	Llano Windmill-Sand Diego Creek	S	NM	121102040309	0	0	0.371376192	38308.09685	41549605.71
2663	1527	{3E3B3212-F1F7-48CD-B35B-391505AAE889}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	20220.68	81.83 TX	121102050204	Cuerva Tank-Los Olmos Creek	S	NM	121102050401	0	0	0.612818876	63269.19508	81838885.68
2667	1531	{59D689B7-BB03-4858-A15D-419E9E60DCBF}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	17787.38	71.98 TX	121102050807	Black Bluff	S	OT	121102050808	0	0	0.615694705	63272.48496	72030038.22
2671	1535	{3D4CC3EC-0D5D-4AFE-961F-D3CF63A2E1C0}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	16603.9	67.19 TX	121101050903	Dobbie Lake-Nueces River	M	NM	121101050904	0	0	0.458210653	48478.95213	67103957.75
2672	1536	{9B43DCC8-2399-4EA0-B0C5-BEAAED7CAD1F}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	30661.08	124.08 TX	121101010301	Ruth Draw-Nueces River	S	NM	121101010304	0	0	0.625311717	64516.67637	123624885.2
2674	1538	{C82EDE1B-6633-43DB-91A9-261FA709DBA2}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	14185.13	57.41 TX	121101100409	La Parita Creek-Atascosa River	S	NM	121101100501	0	0	0.39563611	40897.66656	57277774.69
2675	1539	{4C0DBF9D-9A0C-4F62-9647-8B50C98E606A}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	28397.21	114.92 TX	121102050306	Guatuturche Tank	S	NM	121102050307	0	0	0.631599738	65301.70025	114919463.8
2676	1540	{4DC754D2-2A7A-42F3-AE66-90CA7F749479}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	25109.99	101.62 TX	121101070403	Eschenburg Lake-Seco Creek	M	NM	121101070407	0	0	0.781628428	81819.90759	101321939.5
2679	1543	{CB617D83-4331-40C6-83F0-D16DAC6C849F}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	17849.77	72.24 TX	121102050701	Pinto Creek	S	OT	121102050707	0	0	0.551612072	58098.80936	72245814.34
2680	1544	{A09E0CC1-AD04-4A4E-A123-97262FB28D84}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	21317.71	86.27 TX	121102050702	Radicha Creek	S	OT	121102050707	0	0	0.73740171	75722.06893	86296363.43
2681	1545	{9C1A01E8-C80C-471C-9BCC-31B49B048F80}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	38218.51	154.66 TX	121102050703	Araña Creek	S	OT	121102050707	0	0	1.047593282	107397.5275	154724562.6
2682	1546	{8A9F632B-B0E7-411B-ASA6-6E1C1972A626}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	35990.03	145.65 TX	121102050704	Madero Lake	S	OT	121102050707	0	0	0.699039136	73284.64504	145686518.3
2683	1547	{357429EC-A0A1-4A8E-83CE-950BA51D5E7F}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	27199.49	110.07 TX	121102050705	Los Olmos Creek	S	OT	121102050707	0	0	1.145554139	117574.3524	110133053.2
2684	1548	{646ABF30-CDAT-4880-B8A1-1F16812E0B77}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	35965.22	145.55 TX	121102050706	La Parra Ranch	S	OT	121102050707	0	0	0.762322474	79016.28894	145645410.7
2685	1549	{6E002B9A-0B31-4399-BD3D-03D0764F221D}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	19790.17	80.09 TX	121102050804	Ojo de Agua Spring	S	OT	121102050808	0	0	0.870890596	91029.81618	80092853.25
2700	1564	{8C4BF2C9-439A-41D2-9911-F51E6BCF3CE7}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	17131.6	69.33 TX	121101030403	Lower Tortuga Creek	S	NM	121101030602	0	0	0.458166894	48345.63808	69184630.21
2701	1565	{AA35D501-6295-4D34-8585-529B96DBD85A}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	19577.88	79.23 TX	121102050805	Comitas Lake	S	OT	121102050808	0	0	0.729712676	76537.44252	79247694.46
2702	1566	{0510DB26-B03A-4959-9613-C032D84ABCD5}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	24857.65	100.6 TX	121101060804	Upper Elm Creek	S	RS,DM	121101060805	0	0	0.575456319	59097.38143	100320092.7
2703	1567	{EBFF6E76-0A42-4D72-8CEA-CFD499494716}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	26674.24	107.95 TX	121102050806	Parra Lake	S	OT	121102050808	0	0	0.778813777	81023.6779	107981395.6
2704	1568	{FFD9DB6D-4175-4868-BDF6-5DF044909DF7}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	29540.91	119.55 TX	121102060404	Baluarte Ranch-Arroyo Baluarte	S	NM	121102060405	0	0	0.713136609	73726.5525	119634567.5
2705	1569	{0062DA3D-44D7-4722-B100-C1EFB20A8314}	{AD98AA61-54D8-4DE0-B1D8-1B98696916ED}	2018-01-04 0:00:00	19189.5	77.66 TX	121101080404	Alligator Lake-Mossy Slough	M	NM	121101080407	0	0	0.400664135	41284.64855	77504666.03
2706																

HUC 12 List

2843	1721	{90BA187F-77E5-4B45-8DE8-FDCFC09403AC}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26515.34	107.3 TX	121101051205	White Creek-Nueces River	S	NM	121101051206	0	0	0.528879159	55550.22008	107118921.3
2844	1722	{AFF90151-9E85-4124-9E04-B069CEBC5A55}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	28962.08	117.21 TX	121101051206	Lang Creek-Nueces River	S	NM	121101110101	0	0	0.588821049	61332.18924	116994991.4
2848	1726	{D6G802EA-08BC-4D1B-83D6-CA90A660E46A}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	33172.17	134.24 TX	121101020201	Headwaters Indian Creek	S	NM	121101020202	0	0	0.531045235	54911.24167	133743328.5
2849	1727	{029DDDB1-F5F2-40FB-9E30-1E632174DE31}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	37951.69	153.59 TX	121101050805	Cedro Hill	S	NM	121101050806	0	0	0.610582129	64088.86623	153494050
2851	1729	{7C6825B8-006F-493C-A6D1-28CA5F8831F8}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16577.87	67.09 TX	121101050806	Arroyo de Charco Escondido	S	NM	121101050808	0	0	0.419719343	43985.73077	67044594.57
2856	1734	{CECF8F6C-DDD9-4D3B-9E6D-A8FEC7FAE318}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	36359.21	147.14 TX	121101050808	Middle Black Creek	S	NM	121101050809	0	0	0.694471183	71966.62997	147022591.4
2860	1738	{833A05DF-315C-4EEB-8BCC-404C734D8E9A}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	32873.81	133.04 TX	121101050809	Lower Black Creek	M	GC	121101050904	0	0	0.600473704	62977.50816	132898248
2861	1739	{152390FA-CD8B-4E11-BF50-1E9896372958}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30726.42	124.35 TX	121101050901	Headwaters Sauz Creek	S	NM	121101050902	0	0	0.51189726	53485.11978	124150307.3
2862	1740	{8986D2AA-2F59-42E3-90EA-9BA9608BC0D5}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30325.76	122.72 TX	121101050902	Sauz Creek-Nueces River	M	NM	121101050903	0	0	0.61020994	63845.98415	122565757.9
2863	1741	{8C6AGCEC-89BB-4BA1-A940-D711A7E07BD7}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	23250.86	94.09 TX	121101050807	Colmena Tank-Colmena Creek	S	NM	121101050808	0	0	0.533957349	55092.90878	94014131.72
2864	1742	{8F235CDA-98C4-4044-8BA2-80A7B8B68EB0}		2013-01-18 0:00:00	21299.85	86.2 TX	121004070102	Talpacate Creek	S	TF	121004070103	0	0	0.450055901	46617.47148	86037107.22
2865	1743	{80FAF015-6F8E-48C8-8B06-FE1469FFD914}		2013-01-18 0:00:00	20796.2	84.16 TX	121101090406	Lower Lagunillas Creek	S	NM	121101090501	0	0	0.512610455	53773.80526	83965239.62
2866	1744	{03C1F519-CF64-42CC-AE37-B32C783F060E}		2013-01-18 0:00:00	22099.05	89.43 TX	121101090402	Upper Lagunillas Creek	S	NM	121101090404	0	0	0.451606579	47138.80725	89203839.68
2867	1745	{0F73BB4E-1D26-457F-87EA-D1DC5F0E0B7A}		2013-01-18 0:00:00	15763.9	63.79 TX	121101090403	Chiltipin Creek	S	NM	121101090404	0	0	0.381238303	39537.58136	63634982.59
2868	1746	{8D5C01EE-2F5E-4507-9DBF-091676E77C06}		2013-01-18 0:00:00	18968.13	76.76 TX	121101090404	Middle Lagunillas Creek	S	NM	121101090406	0	0	0.401628472	42146.07855	76576146.48
2869	1747	{F6F567C1-DEB7-4BB9-9283-CBEE83CA5A27}		2013-01-18 0:00:00	16729.5	67.7 TX	121101090501	Clear Creek-San Miguel Creek	S	NM	121101090502	0	0	0.527948583	55486.09895	67552335.2
2870	1748	{83C7CF8B-D40B-4340-9DE2-404C7EB2979B}		2013-01-18 0:00:00	9020.99	36.51 TX	121101090502	Far Live Oak Creek-San Miguel Creek	S	NM	121101090503	0	0	0.351410149	36350.25959	36429832.37
2871	1749	{25419E05-8A55-4CD2-A3BB-30E8C0CB01FC}		2013-01-18 0:00:00	8579.13	34.72 TX	121101090503	Bruce Branch-San Miguel Creek	S	NM	121101090505	0	0	0.377984965	39457.12856	34644764.95
2872	1750	{59FA9F71-CC6A-497E-9ED2-97B3C097C2AB}		2013-01-18 0:00:00	34512.68	139.67 TX	121101100102	Town of Anchorage-Atascosa River	S	NM	121101100105	0	0	0.674129681	70417.30591	139263808.5
2873	1751	{A2F974E4-30CE-40CA-89E5-1A87C087DCCC}		2013-01-18 0:00:00	16689.47	67.54 TX	121101090505	Mustang Branch-San Miguel Creek	S	NM	121101080503	0	0	0.455193313	47408.54467	67400431.62
2874	1752	{385BC82C-B820-40BF-A32B-7648399C2FDE}		2013-01-18 0:00:00	21066.24	85.25 TX	121101090504	La Jarita Creek	S	NM	121101090505	0	0	0.466045213	48673.29839	85064898.16
2875	1753	{E488A009-F6DD-448E-A7D0-541C36D16AD8}		2013-01-18 0:00:00	32013.88	129.56 TX	121004060207	Upper Sarco Creek	S	NM	121004060208	0	0	0.547134776	56381.0617	129287289.3
2876	1754	{E6F781E2-168A-4247-A1E1-18FF154F543A}		2013-01-18 0:00:00	22101.5	89.44 TX	121004060208	Lower Sarco Creek	S	NM	121004060209	0	0	0.472972083	49703.08438	89269440.5
2877	1755	{2E6A8830-48F0-4668-8E6F-C4C73C6AF545}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	22832.87	92.4 TX	121101050802	Headwaters Black Creek	S	NM	121101050803	0	0	0.546305789	57722.32566	92368951.67
2878	1756	{A1EDF4A4-1B0D-4408-A2FF-7984CC283B9E}		2013-01-18 0:00:00	34122.93	138.09 TX	121004060306	Lower Melon Creek	S	TF	121004060307	0	0	0.619501438	65537.8237	137869024.2
2879	1757	{8DD8BE5B-EE1F-464F-BEDE-309089499AC7}		2013-01-18 0:00:00	26580.82	107.57 TX	121004060301	Upper Mission River	S	TF	121004060303	0	0	0.454709114	47365.25458	107398641.9
2880	1758	{E4640B92-8BD6-4BD5-A327-3AF9F1A74112}		2013-01-18 0:00:00	40764.88	164.97 TX	121004060302	Upper Sous Creek	S	NM	121004060303	0	0	0.572869952	59840.61922	164717012.5
2881	1759	{05A0EAAD-50AB-4BC7-94D4-7081D141FCA3}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	25800.08	104.41 TX	121101051104	Devils Waterhole Creek-Cow Creek	M	DM	121101051105	0	0	0.618995122	65499.60208	104262969.3
2882	1760	{10CCE3CD-B790-40C5-92CA-69025B1F53FF}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19871.09	80.42 TX	121101051105	Old River-Nueces River	M	DM	121101051106	0	0	0.508366095	53761.08321	80283359.65
2883	1761	{484EED2D-9A3A-4C2F-B247-82F20BF639AB}		2013-01-18 0:00:00	32428.02	131.23 TX	121004060304	Upper Melon Creek	S	TF	121004060306	0	0	0.523660773	55866.74865	130989203.3
2884	1762	{41821A67-C47E-4DA9-9F40-7C5FC072C65E}		2013-01-18 0:00:00	36086.03	146.04 TX	121004060303	Lower Sous Creek	S	TF	121004060307	0	0	0.762726753	79242.71018	145828439.6
2885	1763	{B41AA055-5327-480A-B47E-D1717152EA3D}		2013-01-18 0:00:00	33442.62	135.34 TX	121004070101	Upper Poesta Creek	S	TF	121004070103	0	0	0.685566361	70495.66918	135087310.5
2886	1764	{B68D0A92-DB78-44EB-8256-9EBFE6327667}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	39790.67	161.03 TX	121101050803	Upper Black Creek	S	NM	121101050808	0	0	0.686954258	72419.3085	160936723.2
2887	1765	{0F7A0D82-5E42-4738-875B-40BC026FAF87}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30271.72	122.51 TX	121101050804	Home Tank	S	NM	121101050805	0	0	0.570958446	60262.18868	122454684.7
2889	1767	{27D29E8C-2B70-4583-97AA-3B1DB4A0CC2E}		2013-01-18 0:00:00	17965.4	72.7 TX	121101010305	Camp Wood Creek-Nueces River	S	NM	121101010401	0	0	0.46040545	47111.53982	72446567.08
2890	1768	{709984E3-3EBA-4843-BD46-CA34F66D04B2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19912.16	80.58 TX	121101051103	Headwaters Cow Creek	S	NM	121101051104	0	0	0.429677419	45202.75709	80480142.59
2891	1769	{32E634C4-3C0B-4640-AB29-0E2EF15C8B96}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16338.68	66.12 TX	121101051101	Mule Creek-Nueces River	S	NM	121101051102	0	0	0.386455979	40170.67689	66011708.98
2892	1770	{687B5505-52EA-4103-85EA-A65032B627F8}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24149.33	97.73 TX	121101051102	Kings Hills-Nueces River	M	NM	121101051105	0	0	0.677153407	71388.82535	97575474.7
2893	1771	{A733BD03-D4F5-4349-AF32-1B1BCE11C573}		2013-01-18 0:00:00	25240.74	102.15 TX	121101010302	Upper Bull Head Creek	S	NM	121101010303	0	0	0.49611233	51589.33206	101774055.5
2894	1772	{95C04FD8-9336-45C9-B69C-2B9155A3101E}		2013-01-18 0:00:00	29504.54	119.4 TX	121101100204	Gallinas Creek	S	NM	121101100205	0	0	0.631918033	65716.33527	119059074.4
2895	1773	{7A323774-53F6-4829-8C45-362B70CA8C16}		2013-01-18 0:00:00	30339.54	122.78 TX	121101100202	Palo Alto Creek	S	NM	121101100203	0	0	0.600578911	63160.3518	122428705.1
2896	1774	{8E565CF8-5DF2-49E3-95F3-1C5A9A056A51}		2013-01-18 0:00:00	31409.76	127.11 TX	121101100203	Salt Branch-Atascosa River	S	NM	121101100206	0	0	0.58511501	61450.81722	126764697.9
2897	1775	{6EF8E05F-0957-467C-A23C-A43CBF2BED79}		2013-01-18 0:00:00	27248.89	110.27 TX	121101010406	Elm Slough-Nueces River	S	NM	121101030102	0	0	0.480811064	49553.23255	109924711.2
2898	1776	{8272A794-4189-45B3-BF5F-BB919DC9B3EA}		2013-01-18 0:00:00	24940.5	100.93 TX	121101010304	Dry Creek-Nueces River	S	NM	121101010305	0	0	0.53793001	55561.56533	100570145.5
2899	1777	{8DCB7246-61E8-4757-A396-F00B85C1554B}		2013-01-18 0:00:00	36012.06	145.74 TX	121101010404	Sycamore Creek-Nueces River	S	NM	121101010405	0	0	0.728941825	74956.10365	145254854
2900	1778	{892F63F0-6863-4AD4-A97E-1E5A423C21AD}		2013-01-18 0:00:00	23284.38	94.23 TX	121101010401	Ranch Creek-Nueces River	S	NM	121101010402	0	0	0.58775002	59942.15814	93901576.35
2901	1779	{AED8C81F-0702-4A30-98B0-9463D1D8EBD8}		2013-01-18 0:00:00	18210.41	73.69 TX	121101010303	Lower Bull Head Creek	S	NM	121101010304	0	0	0.513940279	52978.41411	73427106.37
2902	1780	{7DB0EF12-A969-4360-85E6-A53DC9B6ADA5}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	33711.19	136.42 TX	121101051106	Spur Creek-Nueces River	M	NM	121101051202	0	0	0.66692625	70471.62133	136201426
2903	1781	{7AA37C7C-B50D-48C7-B9D1-EE575770C398}		2013-01-18 0:00:00	27752.48	112.31 TX	121101010402	Lake Creek-Nueces River	S	NM	121101010403	0	0	0.666344969	68387.82374	111925474.6
2904	1782	{FDE0B0FD-A53B-4F80-8343-1B6F30CFE054}		2013-01-18 0:00:00	27560.8	111.53 TX	121101010403	Cedar Creek-Nueces River	S	NM	121101010404	0	0	0.704090098	72167.35126	111157787.8
2905	1783	{8092E0A1-0648-4018-8A3E-3FACD05CCF97}		2013-01-18 0:00:00	23689.96	95.87 TX	121101010405	French Creek-Nueces River	S	NM	121101010406	0	0	0.723003728	74684.83851	95561730.32

2937	1815	{D971E06E-A612-4E63-9951-1F0C707310F7}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	13143.52	53.19 TX	121101020206	Cave Creek	S	NM	121101020304	0	0	0.459312816	47725.75293	53004266.49
2938	1816	{05CAFFE-5FEE-4C66-92C0-E11CAF40BDAC}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17215.56	69.67 TX	121101020302	Lost Creek	S	NM	121101020303	0	0	0.46507581	47707.924	69429436.28
2939	1817	{79B62C60-C182-47E3-AA21-EEEB1652180F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	34450.73	139.42 TX	121101020203	Two Mile Draw-West Nueces River	S	NM	121101020204	0	0	0.6889612	70567.47749	138914711.4
2940	1818	{420E7B35-3736-4722-AA2D-2292CB60658C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30274.8	122.52 TX	121101020301	Upper Sycamore Creek	S	NM	121101020303	0	0	0.586125603	60522.23276	122087755
2941	1819	{DC2E6477-AFC3-45E7-8667-EF4F0CDE0800}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	23334.84	94.43 TX	121101020303	Lower Sycamore Creek	S	NM	121101020305	0	0	0.566698304	58829.21866	94108178.94
2942	1820	{96121FC5-01A7-4BCC-9D5A-4967DA0EDEF7}		2013-01-18 0:00:00	31561.43	127.72 TX	121101060107	Lower East Frio River	S	NM	121101060201	0	0	0.636027915	65968.764	127264655.3
2943	1821	{218901EF-8FEB-4431-AD0F-FA642E7B6D2C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	34790.13	140.79 TX	121101020304	Griffin Creek-West Nueces River	S	NM	121101020305	0	0	0.662945432	68138.55824	140314244.2
2944	1822	{C5C7606D-ABE9-441A-8439-BC938E3F61CC}		2013-01-18 0:00:00	24001.05	97.13 TX	121101110702	Bayou Creek	S	TF	121101110703	0	0	0.53703737	56788.18237	97006612.29
2945	1823	{C56AE1F6-5FA1-4F35-9ABF-D39FC42DEDA9}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	25449.21	102.99 TX	121101020305	Leona Draw-West Nueces River	S	NM	121101020401	0	0	0.64856152	66793.92191	102645266.1
2946	1824	{63995136-8B31-4618-8887-FFE8904B4AFF}		2013-01-18 0:00:00	33499.78	135.57 TX	121101100407	Upper Metate Creek	S	NM	121101100408	0	0	0.525130935	55001.84854	135230728.7
2947	1825	{7970D7C8-52ED-456C-8E8B-43C6D9ED9132}		2013-01-18 0:00:00	22303.93	90.26 TX	121101060105	Lower West Frio River	S	NM	121101060201	0	0	0.495111842	50770.8351	89935925.06
2948	1826	{161EFBEF-00F3-4955-9DB5-F6039B554882}		2013-01-18 0:00:00	14147.22	57.25 TX	121101060305	Long Canyon-Dry Frio River	S	NM	121101060401	0	0	0.527394956	55195.00445	57070014.45
2949	1827	{8B518F97-F0B7-4139-9A52-FEEA8208453B}		2013-01-18 0:00:00	14274.19	57.77 TX	121101060104	Kent Creek	S	NM	121101060105	0	0	0.380020528	39406.13131	57553851.75
2950	1828	{C679BE58-7C9F-46D2-9D61-2E703E50889C}		2013-01-18 0:00:00	33877.93	137.1 TX	121004070201	Upper Papalote Creek	S	TF	121004070203	0	0	0.571742566	58743.32869	136917224.1
2951	1829	{DC3C7357-5221-4290-A2C2-26AE1B72793C}		2013-01-18 0:00:00	23614.77	95.57 TX	121004070202	Bullshard Creek	S	TF	121004070203	0	0	0.435764793	44766.01664	95428350.96
2952	1830	{A211701E-50A5-4D95-8A5D-42A205ADE01D}		2013-01-18 0:00:00	24060.18	97.37 TX	121101060201	Patterson Creek-Frio River	S	NM	121101060203	0	0	0.506107364	52293.15124	97025608.84
2953	1831	{5BA8603F-68AE-4CEA-9D95-C65C51F85242}		2013-01-18 0:00:00	25822.08	104.5 TX	121004070203	Lower Papalote Creek	S	TF	121004070206	0	0	0.569429202	59267.33644	104349829.8
2954	1832	{023CCFA7-BE2C-45D1-9F43-5885D2EDA9D}		2013-01-18 0:00:00	20423.13	82.65 TX	121101110102	Upper Sulphur Creek	S	NM	121101110104	0	0	0.510255078	53381.62902	82463462.83
2955	1833	{A0F81369-7772-4828-95DD-6C83A250E148}		2013-01-18 0:00:00	23015.1	93.14 TX	121101100401	Headwaters La Parita Creek	S	NM	121101100402	0	0	0.394470011	40875.87077	92900221.39
2956	1834	{3B02303A-C2BC-4172-8149-9B9895F02E95}		2013-01-18 0:00:00	26978.48	109.18 TX	121101100402	Goose Creek-La Parita Creek	S	NM	121101100405	0	0	0.59405227	61036.07863	108901815.3
2957	1835	{6FB4169E-2D18-455E-B004-A0B78932AB43}		2013-01-18 0:00:00	17501.63	70.83 TX	121101100405	Brown Lake-La Parita Creek	M	NM	121101020406	0	0	0.604729687	63717.80704	70652095.5
2958	1836	{873A509F-80C3-4FCE-8B41-CA03EE708730}		2013-01-18 0:00:00	17731.48	71.76 TX	121101110706	Hondo Creek	S	TF	121101110707	0	0	0.475126183	50303.34225	71687838.25
2959	1837	{F3529A29-04BD-4169-8A30-408B5B1928B8}		2013-01-18 0:00:00	29009.13	117.4 TX	121101110705	Cayamon Creek-Nueces River	S	GC,TF	121101110707	0	0	0.604138308	62769.35212	117294062.5
2960	1838	{76508182-87A6-41D3-9C4C-4EB2CC70DE84}		2013-01-18 0:00:00	20919.52	84.66 TX	121101060202	Little Dry Frio River	S	NM	121101060203	0	0	0.536553549	55753.91699	84361521.44
2961	1839	{00D565A1-1487-4637-96E9-D67964665805}		2013-01-18 0:00:00	25878.86	104.73 TX	121101060204	Bear Creek-Frio River	S	NM	121101060205	0	0	0.661221884	68100.30454	104372313.3
2962	1840	{38C9BD87-3FB5-4516-9210-E2CFD938A72}	{ABF07AF2-EDE7-46B5-8EAC-41CECCAF8EC3}	2013-01-18 0:00:00	9857.49	39.89 TX	121101110707	City of Calallen-Nueces River	S	TF	121102010001	0	0	0.375405723	38705.48437	39861766.6
2963	1841	{998F550B-E653-4177-AAFD-2C4F2F6C4BB8}		2013-01-18 0:00:00	12554.43	50.81 TX	121101100404	Macho Creek	S	GC	121101100405	0	0	0.353389691	36477.83529	50688251.21
2964	1842	{0AA8CF87-3AF2-4199-81F5-9FA465088799}		2013-01-18 0:00:00	21923.35	88.72 TX	121101060203	Cherry Creek-Frio River	S	NM	121101060204	0	0	0.630495348	65008.44059	88415522
2965	1843	{9203EE12-EE6C-458E-9DE1-2FA0D28802F5}		2013-01-18 0:00:00	24313.89	98.39 TX	121101060205	Brushy Creek-Frio River	S	NM	121101060206	0	0	0.564490633	58290.24054	98068995.4
2966	1844	{B6150D15-C7A2-4B74-B7AA-9989CD78BF9F}		2013-01-18 0:00:00	24182.57	97.86 TX	121004070103	Lower Poesta Creek	S	TF	121004070106	0	0	0.563844164	58540.88931	97697418.6
2967	1845	{202C3945-7353-4426-8CA8-26CFB5D69A0A}		2013-01-18 0:00:00	17266.12	69.87 TX	121101060206	Elm Draw-Frio River	S	NM	121101060401	0	0	0.551256808	58268.14072	69650342.82
2968	1846	{440E370B-E4B8-AA49-9108-75E55BE2C2D}		2013-01-18 0:00:00	12837.57	51.95 TX	121101110401	Salt Branch Ramirena Creek	S	NM	121101110403	0	0	0.372937502	38378.64593	518811041.93
2969	1847	{7C2ACD9C-23C6-4377-9EC0-ED0A68F9A950}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16750.84	67.79 TX	121101050304	Upper Caiman Creek	S	NM	121101050305	0	0	0.460286811	47060.55894	67695196.61
2970	1848	{3F3B91A8-02DE-4754-8E8E-D7B9DEFEC6F8}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	18194.4	73.63 TX	121101050305	Lower Caiman Creek	S	NM	121101050902	0	0	0.521417066	53275.69538	73531268.23
2972	1850	{60879BF-81EE-42C0-8E81-CE2403D12AE8}		2013-01-18 0:00:00	16775.31	67.89 TX	121101060301	T-Q Draw-Dry Frio River	S	NM	121101060302	0	0	0.436692885	45121.29977	67647155.17
2973	1851	{07383332-64F9-4D0D-A5FB-33A887593DA4}		2013-01-18 0:00:00	22813.19	92.32 TX	121101110202	Salt Branch	S	NM	121101110204	0	0	0.528858329	54885.36243	92164364.97
2974	1852	{16A4A28D-CC37-45E9-A11E-ED77FC6C6714}		2013-01-18 0:00:00	19205.65	77.72 TX	121101060302	Mare Creek-Dry Frio River	S	NM	121101060303	0	0	0.473445171	48953.54181	77452678.95
2975	1853	{36C66B74-4AD3-4D28-B354-993C7DFFD184}		2013-01-18 0:00:00	27362.36	110.73 TX	121004070104	Upper Aransas Creek	S	NM	121104070106	0	0	0.516559142	53676.7361	110542226.8
2976	1854	{6BD2F2B8-3EAE-4103-A365-Q2EDA01A3A79}		2013-01-18 0:00:00	24886.05	100.71 TX	121004070105	Olmos Creek	S	NM	121004070106	0	0	0.481877789	49683.32097	100557128.8
2977	1855	{3622846A-0E7E-4B0C-AAC5-280FC1A5745E}		2013-01-18 0:00:00	17833.84	72.17 TX	121004070106	Lower Aransas Creek	S	TF	121004070205	0	0	0.6734601	69143.49679	72054870.02
2978	1856	{175A9CA5-581E-41FB-9D4D-11155CB36655}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	28217.14	114.19 TX	121101051005	Patter San Jose Creek	S	NM	121101051006	0	0	0.638067599	66559.09295	114046444.3
2979	1857	{82CA73FA-DDD1-455E-8D61-611672934F77}		2013-01-18 0:00:00	17780.78	71.96 TX	121101100408	Lower Metate Creek	S	NM	121101100409	0	0	0.523365037	54665.48155	71786536.24
2980	1858	{8AFA28D3-0C6B-4380-A57E-2959D9796B7C}		2013-01-18 0:00:00	16185.57	65.5 TX	121101060401	Headwaters Salt Creek-Frio River	S	NM	121101060402	0	0	0.427945349	44989.29007	73060042.45
2981	1859	{B13B8282-C532-44DF-9D3B-B9CA386535A5}		2013-01-18 0:00:00	25058.45	101.41 TX	121004070301	Headwaters Chiltipin Creek	S	TF	121004070303	0	0	0.454698094	46312.08555	101297006.7
2982	1860	{B4082FB0-8CA8-4083-965C-EF749E55C4C6}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16165.76	65.42 TX	121101040103	East Fork Elm Creek	S	NM	121101040104	0	0	0.473159725	49393.40678	65224888.69
2983	1861	{614F6716-E3AB-4245-8959-3CC14FC2F6FE}		2013-01-18 0:00:00	33447.27	135.36 TX	121101060303	Honey Creek-Dry Frio River	S	NM	121101060304	0	0	0.680075778	70260.68729	134900521.1
2984	1862	{60D1B871-335E-4ED8-8E9E-999A2532D1D2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	12418.07	50.25 TX	121101040104	Peloncillo Peak-Elm Creek	S	NM	121101040106	0	0	0.362726474	38167.3492	50108317.82
2985	1863	{8FD0C8C7-2CA0-4FCD-A033-3D0FF45A8C9A}		2013-01-18 0:00:00	35884.63	145.22 TX	121101060304	Deep Creek-Dry Frio River	S	NM	121101060305	0	0	0.811408917	84020.50456	144740873.3
2986	1864	{1D2CEA53-0FEA-4723-9B35-1E2F2ECE7AE2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24527.57	99.26 TX	121101050904	Headwaters Piedra Creek	M	NM	121101050906	0	0	0.55203304	58721.49488	99125325.85
2987	1865	{97A4CD01-7D78-4741-BAEB-ECA27E8D2D4C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	32311.38	130.76 TX	121101050905	Charamusca Creek	M	NM	121101050906	0	0	0.616696153	64623.8895	130623520.7
2989	1867	{8FA032C8-49EE-408C-824A-6F7BD17FAA0E}		2013-01-18 0:00:00	25789.84	104.37 TX	121101100502	Olmos Creek	S	NM	121101100503	0	0	0.518165392	54538.46127	104129367
2990	1868	{D0E5ACFE-19CA-467A-964E-C9C68E80C97D}		2013-01-18 0:00:00	38457.83	155.63 TX	121101100505	West Weedy Creek	S							

3032	1910 {3EDC7406-33E5-4A98-A6BF-25F320EED752}		2013-01-18 0:00:00	28299.97	114.53 TX	121101010105	Lower East Prong Nueces River	S	NM	121101010301	0	0	0.592445515	60715.53943	114099549.5
3033	1911 {85010BF5-3492-41C3-8DB8-2D30C11B0AFA}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	29795.52	120.58 TX	121102050506	Banquette Creek-Agua Dulce Creek	S	GC	121102050601	0	0	0.61017802	63093.25802	120496526.2
3034	1912 {70E0C98F-743B-4F86-9EAA-20EDA4DBC727}	{ABF07AF2-EDE7-46B5-8EAC-41CECCAF8EC3}	2013-01-18 0:00:00	36247.44	146.69 TX	121101051006	Wiley Tank-Nueces River	S	NM	121101051008	0	0	0.678659695	71089.19039	146495538.7
3035	1913 {815A5F86-290A-4D37-8305-A03EEF085768}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19825.23	80.23 TX	121101030303	Upper El Moro Creek	S	NM	121101030304	0	0	0.442602052	45689.78888	80094151.2
3036	1914 {8CD18AFC-D3A5-47AD-A301-22A931369F9F}		2013-01-18 0:00:00	24199.55	97.93 TX	121101060801	Gross Tank	S	NM	121101060802	0	0	0.492742293	50900.75957	97650447.51
3037	1915 {2EF2CCD7-8896-46BC-BD40-EC77FC19FE9F}		2013-01-18 0:00:00	18253.46	73.87 TX	121101060802	Catfish Tank-Frio River	S	NM	121101060805	0	0	0.646536036	66073.42702	73661963.09
3038	1916 {85D4B941-49B5-4319-8887-8DB15A2B1E71}		2013-01-18 0:00:00	19817.26	80.2 TX	121101060904	Taylor Hills-Leona River	S	NM	121101060905	0	0	0.422050534	43751.09464	79964410.87
3042	1920 {092306BA-D932-4BCD-A65F-C8F8C0EF721A}		2013-01-18 0:00:00	23102.79	93.49 TX	121101100103	Upper Siestedero Creek	S	NM	121101100104	0	0	0.445342729	46672.66229	93227657.43
3043	1921 {9E4EB615-A7EC-4723-A58F-A3EF046FB11C}		2013-01-18 0:00:00	23720.28	95.99 TX	121101060905	121101060905-Leona River	S	NM	121101061001	0	0	0.551656229	57551.24551	95720031.34
3044	1922 {4EB045AF-2E03-4784-9032-B4453CBF4F05}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	36363.62	147.16 TX	121101051004	Upper San Jose Creek	S	NM	121101051005	0	0	0.545817239	57181.65061	146997000.8
3045	1923 {09E0D0B7D-F628-452F-8607-8AE8665C8F7E}		2013-01-18 0:00:00	19591.62	79.28 TX	121101010202	Upper Pulliam Creek	S	NM	121101010203	0	0	0.423937302	43380.86289	78994120.42
3046	1924 {A81042E7-A008-458A-83C3-A339D53EAA3D}		2013-01-18 0:00:00	22417.56	90.72 TX	121101010103	Upper East Prong Nueces River	S	NM	121101010105	0	0	0.431942207	44391.99422	90376500.13
3047	1925 {BE551427-8494-4946-9C80-888DE1A03D13}		2013-01-18 0:00:00	17353.5	70.23 TX	121101010201	Little Hackberry Creek	S	NM	121101010203	0	0	0.492954746	50864.34806	69967637.42
3048	1926 {9308794D-D073-4AE9-86BE-B71CBDC5C1D7}		2013-01-18 0:00:00	15920.09	64.43 TX	121101060803	Cow Pasture Windmill	S	NM	121101060805	0	0	0.461230054	47027.08507	64248305.57
3049	1927 {7ABE26F2-9F85-44E6-B79E-D584B1A3E703}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	33526.05	135.68 TX	121101030501	Headwaters Espejo Rosita Creek	S	NM	121101030503	0	0	0.569428301	58824.38383	135496567
3050	1928 {76841EF5-5E44-4A6C-A118-78B2A530866C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	36574.47	148.01 TX	121101030503	Canyon Creek-Venezuela Creek	M	NM	121101030505	0	0	0.634219304	65154.28371	147805190.1
3051	1929 {7423BD48-E68C-424F-97DF-9B1578D182AF}		2013-01-18 0:00:00	28742.3	116.32 TX	121101061105	Headwaters Todos Santos Creek	S	NM	121101061106	0	0	0.487526501	50237.21213	116039641.8
3052	1930 {DF45BE11-BEBC-4147-AA9F-7D2A75F13973}		2013-01-18 0:00:00	21718.41	87.89 TX	121101061106	Todos Santos Creek-Leona River	S	NM	121101061205	0	0	0.469118187	48674.18452	87685940.26
3053	1931 {5751C7F6-D93C-4D01-B3D3-E8EBA3C385CB}		2013-01-18 0:00:00	16522.27	66.86 TX	121101061002	Gallina Creek	S	NM	121101061003	0	0	0.35088944	36353.48543	66682532.39
3055	1933 {EA77ED9E-B594-4FA8-94DC-01C555A8C227}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26435.94	106.98 TX	121101051008	Guadalupe Creek-Nueces River	M	NM	121101051009	0	0	0.530738616	55626.02323	106815436.7
3057	1935 {F8D97FEB-17D8-4834-96CA-1AE6A5CF00C7}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	31468.05	127.35 TX	121101051009	Caballo Creek-Nueces River	M	NM	121101051102	0	0	0.766348121	80028.46155	127159863.7
3058	1936 {05F6FAF1-3B69-4283-A04F-24F60AD43FCC}		2013-01-18 0:00:00	11076.89	44.83 TX	121101010203	Middle Pulliam Creek	S	NM	121101010205	0	0	0.330451699	34052.87912	44665134.92
3060	1938 {B915F2F3-766E-4F20-9DF1-0898D3B63528}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	21082.27	85.32 TX	121101030305	Bermuda Lake-Nueces River	S	NM	121101030306	0	0	0.611676795	63372.83057	85149092.49
3061	1939 {9B1F8C02-CD57-4038-B6A8-71087CEFE4B2}	{ABF07AF2-EDE7-46B5-8EAC-41CECCAF8EC3}	2013-01-18 0:00:00	32778.24	132.65 TX	121101030306	Stagg Hollow-Nueces River	M	NM	121101030602	0	0	0.620903808	65569.15285	132375710.1
3062	1940 {972CC781-6346-489B-B343-8603B6E2AFD4}		2013-01-18 0:00:00	27747.66	112.29 TX	121101100104	Lower Siestedero Creek	S	NM	121101100105	0	0	0.539252291	56029.13904	111977425.9
3063	1941 {71D31282-D368-48C2-AF79-CA0B32321D56}		2013-01-18 0:00:00	14788.57	59.85 TX	121101100105	Padilla Creek-Atascosa River	S	NM	121101100201	0	0	0.439968104	44941.14009	59684805.12
3064	1942 {9F10B4D0-1EFF-4931-AA4C-20AAD1626D08}		2013-01-18 0:00:00	34632.99	140.15 TX	121101010204	Cedar Creek	S	NM	121101010205	0	0	0.65593338	67315.22126	139650789.7
3065	1943 {C4F92CB6-5488-4E1C-8772-1307F3094361}		2013-01-18 0:00:00	29567.36	119.65 TX	121101010205	Lower Pulliam Creek	S	NM	121101010305	0	0	0.561542384	57785.94312	119234238.1
3067	1945 {77A2C8AE-60C6-4DB0-ADE5-BCA5A606624F}		2013-01-18 0:00:00	14353.19	58.09 TX	121101080401	Sevenmile Creek-Frio River	M	NM	121101080407	0	0	0.421213283	43562.14927	57976880.92
3070	1948 {5E0E88E7-FF82-476F-97D6-3B6569783CDE}		2013-01-18 0:00:00	12500.1	50.59 TX	121101061001	Town of Batesville-Leona River	S	NM	121101061004	0	0	0.467514958	49712.9799	50451483.4
3071	1949 {EF871E07-264A-4802-8BD1-513A8C6D0A71}		2013-01-18 0:00:00	24061.48	97.37 TX	121101060906	Camp Lake Slough	S	NM	121101061001	0	0	0.685700255	70825.01139	97099116.68
3072	1950 {DD7F7689-1861-4921-BC96-E76F50033D49}		2013-01-18 0:00:00	24200.98	97.94 TX	121102040101	Animas Creek North	S	NM	121102040102	0	0	0.426502271	44833.09726	97888105.18
3073	1951 {0BB88814-D71F-438D-B171-124270790482}		2013-01-18 0:00:00	17843.27	72.21 TX	121101060903	Cooks Slough-Leona River	S	NM	121101060904	0	0	0.581074583	61334.77224	71990462.2
3076	1954 {05C97FEA-FA4B-489D-8272-B354DC489F68}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26091.77	105.59 TX	121101030102	Nueces Hill-Nueces River	S	NM	121101030103	0	0	0.611167978	63273.86433	105270027.8
3078	1956 {BA8D220B-8D16-46C0-BDDC-9AC46FE46608}		2013-01-18 0:00:00	23670.89	95.79 TX	121102040104	Upper Piedras Pintas Creek	S	NM	121102040105	0	0	0.502831565	52426.76826	95751342.48
3079	1957 {AFB2F412-A636-47C9-BE44-094801EF6B13}		2013-01-18 0:00:00	20920.15	84.66 TX	121102040102	Las Animas Creek	S	NM	121102040103	0	0	0.632040581	65750.22777	84631667.22
3080	1958 {3184FD18-0CDD-4614-BA5A-E1D5633FDD04}		2013-01-18 0:00:00	18675.92	75.58 TX	121102040105	Lower Piedras Pintas Creek	S	NM	121102040109	0	0	0.536720308	55977.69782	75553394.72
3081	1959 {7D64E47C-3DFO-4931-A12D-09DACE78B36C}		2013-01-18 0:00:00	25779.77	104.33 TX	121102040106	Upper Narciseno Creek	S	NM	121102040107	0	0	0.683614452	70870.57482	104279231.8
3082	1960 {773E4041-160A-455D-B08C-EC24215B940E}		2013-01-18 0:00:00	20306.65	82.18 TX	121102040107	Lower Narciseno Creek	S	NM	121102040109	0	0	0.550162701	57503.99574	82149107.49
3083	1961 {84190A75-F972-4146-B3B1-A27BCDC700EC}		2013-01-18 0:00:00	20532.79	83.09 TX	121101080303	Gu1101080303	S	NM	121101080304	0	0	0.422642164	43704.82435	82937494.79
3084	1962 {0A0CAF02-7437-42F5-8946-836D02284E1B}		2013-01-18 0:00:00	19977.52	80.85 TX	121102040108	Guajillo Creek	S	NM	121102040109	0	0	0.572080868	59333.39281	80825408.22
3085	1963 {DEAAEA82-A25A-4DA1-94EA-C78077229A1D}		2013-01-18 0:00:00	26760.39	108.3 TX	121102040109	Nopaleras Creek-Santa Gertrudis Creek	S	NM	121102040201	0	0	0.736718587	76607.98385	108278472
3086	1964 {97E86ECA-C841-4CF9-B986-2BF77A0A905B}		2013-01-18 0:00:00	30563.52	123.69 TX	121102040201	Trinidad Creek-Santa Gertrudis Creek	S	NM	121102040202	0	0	0.694792707	72626.80403	123648909
3087	1965 {40B073B6-DE73-4760-BD0E-92CA888B53BE}		2013-01-18 0:00:00	21863.4	88.48 TX	121101080304	TCU Tank	S	NM	121101080305	0	0	0.538196383	55573.95819	88317316.57
3088	1966 {D9EC0652-A91B-4647-A431-8676277FCAB5}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30225.85	122.32 TX	121101030103	Elm Creek-Nueces River	S	NM	121101030104	0	0	0.576919186	60147.6919	121965268.2
3089	1967 {10915811-788E-4C3D-97CF-6E4184774652}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	35799.51	144.88 TX	121101040106	Stricklin Creek-Elm Creek	S	NM	121101040107	0	0	0.762960498	79103.52737	144466030.8
3090	1968 {C43432B3-5CA3-4D9A-8F38-155E1526C882}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	40089.06	162.23 TX	121101030101	Little Indian Creek-Indian Creek	S	NM	121101030102	0	0	0.871700027	90476.05438	161715828
3091	1969 {95AA04BF-D5DD-4C52-A80A-890AA0EE984F}		2013-01-18 0:00:00	14379.27	58.19 TX	121101110403	121101110403-Ramirena Creek	S	NM	121101110405	0	0	0.429781233	44457.43071	58116838.44
3092	1970 {363A8A64-2CAB-4788-8BCD-C130CEA22B6F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17239.58	69.77 TX	121101050104	121101050104-Las Raices Creek	S	NM	121101050105	0	0	0.602879187	62818.92416	6966565.34
3094	1972 {f8477A53-7793-45FE-989D-E32EC95D6790}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	25970.84	105.1 TX	121101040203	Buck Hollow-Palo Blanco Creek	M	NM	121101040204	0	0	0.503501609	52752.24889	104816712.4
3095	1973 {EA4AF9C5-49DC-42DC-AD2B-41A745A69D99}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24197.61	97.92 TX	121101040204	Twin Lakes-Palo Blanco Creek	S	NM	121101040205	0	0	0.496495552	51629.9837	97675219.01
3096	1974 {96685B24-882D-4FC9-9EC3-9F8F04E9F42F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17822.79	72.13 TX	121101040202	Mula Creek	S	NM	121101040204	0	0	0.533981236	55800.29541	7193202.84
3098	1976 {EBE02C88-13F7-4864-8D76-07B79CED34A8}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	31309.81	126.71 TX	121101030104	Mustang Creek-Nueces River								

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3134	2012	{00CDE86F-B4D6-4A3C-ACB9-2508CD00819A}		2013-01-18 0:00:00	27657.9	111.93 TX	121101061203	Live Oak Creek-Frio River	M	NM	121101061205	0	0	0.683664425	71073.7514	11164498.2
3135	2013	{A1BC38D5-CEBC-4322-A707-E1E0FC26F47}		2013-01-18 0:00:00	19720.08	79.8 TX	121101061204	City of Pearsall	S	NM	121101061205	0	0	0.439437319	45789.59217	79604255.9
3137	2015	{33B93972-C6E0-4921-BE53-81DD57AAB8CB}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	37093.36	150.11 TX	121101040101	Headwaters Elm Creek	S	NM	121101040104	0	0	0.683591936	71822.03642	149646007.7
3138	2016	{7F063203-822A-461A-B425-94A8B2525547}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	41560.02	168.19 TX	121101030606	Sauz Mocho Creek-Nueces River	M	NM	121101030701	0	0	0.723946111	75116.58366	167876804.5
3139	2017	{E18F11BB-7D28-4A67-B0CE-168C3A90FC91}		2013-01-18 0:00:00	26520.86	107.33 TX	121101060501	Upper Blanco Creek	S	NM	121101060503	0	0	0.704421554	73600.22129	106973646.3
3140	2018	{1562F994-9294-4C18-8E06-9C4FE05C0486}		2013-01-18 0:00:00	19454.39	78.73 TX	121101060502	Little Blanco Creek	S	NM	121101060503	0	0	0.556115421	58596.34729	78472041.81
3141	2019	{E6B9B728-E3A0-4209-8D1B-157C64873FC2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	25243.67	102.16 TX	121101040107	Gilbo Tank-Elm Creek	S	NM	121101040108	0	0	0.474611601	49390.54746	101882674.4
3142	2020	{967FC9F8-D40C-4C7E-AF94-8CC3B2C17305}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27669.01	111.97 TX	121101040108	Salado Creek-Elm Creek	S	NM	121101040201	0	0	0.600602968	62205.839	111681203.5
3143	2021	{CE5C9FA0-BC01-43CA-A62B-567740659881}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16302.57	65.97 TX	121101040201	Headwaters Chacon Creek	S	NM	121101040205	0	0	0.476145278	49045.5805	65807392.02
3145	2023	{951A0DB4-2B27-4F68-83B2-4FE76FCC9676}		2013-01-18 0:00:00	15159.37	61.35 TX	121101060503	Middle Blanco Creek	S	NM	121101060505	0	0	0.476575863	50203.27869	61158675.26
3146	2024	{0154660C-A96A-4EE0-847B-7E0006C1E81C}		2013-01-18 0:00:00	16625.06	67.28 TX	121101060504	Dinner Creek	S	NM	121101060505	0	0	0.545983072	57864.00741	67070204.66
3148	2026	{20181B8F-81EE-4F4F-9C37-AEE211A7CFB0}		2013-01-18 0:00:00	17198.73	69.6 TX	121101110601	Long Hollow-Lake Corpus Christi	S	RS	121101110602	0	0	0.575182955	59103.0696	69502789.2
3149	2027	{FFB4A57D-9758-4613-B6E3-EF605E2BC5AD}		2013-01-18 0:00:00	19182.06	77.63 TX	121101110703	Javelin Creek-Nueces River	S	NM	121101110704	0	0	0.523455111	54033.15676	77545051.74
3150	2028	{648E484B-45A8-4000-884C-F4E31B557D83}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	42619.84	172.48 TX	121101030701	Sage Creek-Nueces River	S	NM	121101030704	0	0	0.797778919	83506.64227	172183130.1
3151	2029	{2AB60BA0-17DF-44DC-8DAE-53C9610EE5FA}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	29955.6	121.23 TX	121101030703	Sage Creek-Espio Creek	S	NM	121101030704	0	0	0.542223119	56335.41313	120983242.2
3153	2031	{66EF22E4-48CE-4514-ABFE-A36D5BC8857}		2013-01-18 0:00:00	30587.1	123.78 TX	121101110602	Rufe Williams Hollow-Lake Corpus Christi	S	RS	121101110603	0	0	0.641279776	66866.72249	123603447.2
3154	2032	{F99D299C-A443-45A2-A784-1C7F409404AE}		2013-01-18 0:00:00	19724	79.82 TX	121101060603	Long Hollow-Sabinal River	S	NM	121101060605	0	0	0.508535666	52914.55007	79539846.15
3160	2038	{2A21B95F-E8B1-4E56-910D-DC6F9D06246C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	32346.61	130.9 TX	121101030704	Harris Lake-Nueces River	S	NM	121101030705	0	0	0.589793624	61925.03523	13066412.5
3161	2039	{DD4A58C7-E717-4B09-B0C1-3020E50EF473}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27542.72	111.46 TX	121101030705	Salt Creek-Nueces River	S	TF	121101050201	0	0	0.579759922	60964.09855	111244253.1
3162	2040	{9CDACD8F-3748-4DD4-8BF6-AE9AB4A369D6}		2013-01-18 0:00:00	21809.68	88.26 TX	121101060602	Brushy Creek-Sabinal River	S	NM	121101060603	0	0	0.458155273	47466.88141	87942289.94
3164	2042	{6BE1A23F-74EF-4C39-B98C-CD4158914763}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	21440.85	86.77 TX	121101040102	Arenosa Creek	S	NM	121101040103	0	0	0.523457689	55105.55545	86500280.62
3167	2045	{5A741869-6D14-4EFB-ABF5-B45496198E3B}		2013-01-18 0:00:00	19219.89	77.78 TX	121101110203	Waller Gully	S	TF	121101110204	0	0	0.596473037	62535.81698	77634788.79
3172	2050	{3ED3ACCD-5199-4C7D-A9D5-08DED3119605}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	40056.69	162.1 TX	121101040105	Lindsey Creek	S	NM	121101040106	0	0	0.86807856	91924.91783	161615918.6
3174	2052	{4CC8A0D1-8388-44BB-98FC-AC1A03C91842}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	28257.88	114.36 TX	121101030204	Alligator Slough-Nueces River	S	NM	121101030207	0	0	0.569126598	59760.66082	114081962.8
3175	2053	{85B1C306-D4ED-4849-96F4-C7ABB79A8802}		2013-01-18 0:00:00	20227.65	81.86 TX	121101110204	Timon Creek-Nueces River	S	TF	121101110301	0	0	0.568621798	59449.20586	81720088.51
3177	2055	{A630E545-D09B-43D7-857E-587DC1B83CFF}		2013-01-18 0:00:00	12217.56	49.44 TX	121101061101	Red Windmill-Leona River	S	NM	121101061103	0	0	0.425049486	43867.89849	49321232.99
3178	2056	{115A74FE-2C94-41FB-83AD-DCD72303BE41}		2013-01-18 0:00:00	16739.32	67.74 TX	121101061006	Lower Liveoak Creek	S	NM	121101061101	0	0	0.472436971	49742.46407	7566278.14
3180	2058	{90ECECE7-FF15-4657-8A8B-D9C3577CB6E7}		2013-01-18 0:00:00	33209.77	134.4 TX	121101110206	Lower Spring Creek	S	NM	121101110301	0	0	0.621355192	64882.35918	134188619.1
3181	2059	{0EF7F925-7195-4690-8CD5-E87932C6E84E}		2013-01-18 0:00:00	34119.05	138.08 TX	121101061005	Upper Liveoak Creek	S	NM	121101061006	0	0	0.650155619	68391.75884	137700623.1
3182	2060	{827DCE06-7D08-4002-BB11-9282961E6697}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	20896.61	84.57 TX	121101030302	Old Tresquilla Tank	S	NM	121101030304	0	0	0.531549006	54939.3387	84426371.7
3183	2061	{5BA05067-9C38-4744-852A-AFA3C76934D2}		2013-01-18 0:00:00	30349.64	122.82 TX	121101110301	Ramie Hollow-Nueces River	S	NM	121101110302	0	0	0.823146934	86392.39776	122604959.8
3184	2062	{15273447-D254-4790-BB03-07EA4384E30C}		2013-01-18 0:00:00	26430.68	106.96 TX	121101110302	Gilden Creek-Lake Corpus Christi	S	NM	121101110304	0	0	0.607123951	63658.84162	106791795.9
3185	2063	{FB5207E2-C144-474F-B0C8-62F295B47274}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	38201.26	154.6 TX	121101030207	Line Oak Slough-Nueces River	M	NM	121101030305	0	0	0.77119413	81044.15057	154257924.7
3186	2064	{22B094B5-BB6C-46AA-B0F4-0BB12F5F0120}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19691.95	79.69 TX	121101030301	El Barrosa Creek	S	NM	121101030305	0	0	0.465895666	48007.42888	79540965.37
3187	2065	{8163B5A1-C451-4834-AB32-EFE510EA777A}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	36547.99	147.9 TX	121101030404	Loma Vista Creek-Arroyo Negro	M	NM	121101030405	0	0	0.539813826	55946.41418	147560140.7
3188	2066	{3DEE4D29-17D0-4F0F-934C-592F6236802B}		2013-01-18 0:00:00	29788.81	120.55 TX	121101061102	Voledigo Creek	S	NM	121101061103	0	0	0.538619623	56148.8839	120238398.7
3189	2067	{25A55C62-96D8-4868-88FA-B061104B042C}		2013-01-18 0:00:00	24049.11	97.32 TX	121101061103	Berry Creek-Leona River	S	NM	121101061104	0	0	0.531833359	55300.48769	97078674.04
3191	2069	{6893E960-E083-4962-941D-355DD0F7A593}		2013-01-18 0:00:00	24324.47	98.44 TX	121101110303	La Para Creek-Lake Corpus Christi	S	NM	121101110304	0	0	0.554049384	58616.46207	98266818.51
3192	2070	{89E45705-AD21-4E18-AE1F-D99CD9655C02}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	33696.19	136.36 TX	121101030304	Lower El Moro Creek	M	NM	121101030305	0	0	0.694202139	71569.87321	136116367.7
3193	2071	{E57D230F-A5DA-492A-927D-49784DCC8F84}		2013-01-18 0:00:00	12794.69	51.78 TX	121101061104	Muchacho Tank-Leona River	S	NM	121101061106	0	0	0.440095663	45820.83756	51651907.84
3194	2072	{14ADBEBC-41B5-4DED-8B61-85DF638E0EB4}		2013-01-18 0:00:00	12021.91	48.65 TX	121101110402	Headwaters Ramirena Creek	S	NM	121101110403	0	0	0.365786342	37807.22297	48588949.87
3198	2076	{802BD398-8DB8-4667-84D1-51B457C8DCFA}		2013-01-18 0:00:00	14424.74	58.37 TX	121101110305	Mustang Creek-Lake Corpus Christi	S	RS	121101110602	0	0	0.400055428	42392.40791	58281560.17
3199	2077	{427FA613-5B7A-4C1C-8ECF-03798A98F078}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	40504.74	163.92 TX	121101030504	Llano Tank-Bonito Creek	S	NM	121101030505	0	0	0.701425015	72065.65997	163672127.5
3200	2078	{7E409FE7-F9C6-4E2E-ADE7-1D7416C16049}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	39180.88	158.56 TX	121101030401	Upper Tortuga Creek	S	NM	121101030402	0	0	0.537172115	56280.25628	158170642.7
3201	2079	{F29FE24A-2EB4-4A08-A52D-CDCEB3475743}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	21166.32	85.66 TX	121101030505	Velenzuela Creek-San Roque Creek	M	NM	121101030506	0	0	0.49043533	50648.40332	85520888.19
3202	2080	{010DAD21-C678-48DC-970F-39074A158449}		2013-01-18 0:00:00	18143.2	73.42 TX	121101061202	Big Slough-Frio River	S	NM	121101061203	0	0	0.472131203	48990.00161	73230434.58
3204	2082	{7EB4FD7B-ECDE-4237-A6DC-918ADF280FD2}		2013-01-18 0:00:00	30292.52	122.59 TX	121101061201	Headwaters Buck Creek	S	NM	121101061203	0	0	0.652740131	67973.76711	122265769.7
3206	2084	{0C45346C-6C5A-4D34-94A3-F9282426D605}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27214.97	110.14 TX	121101030402	Middle Tortuga Creek	S	NM	121101030403	0	0	0.468389668	49255.13977	109885385.7
3215	2093	{F8728ABD-15D6-4635-B674-3D9A95CF48BA2}		2013-01-18 0:00:00	28681.15	116.07 TX	121101060604	West Sabinal River	S	NM	121101060605	0	0	0.597026455	62119.10097	115662399.9
3216	2094	{8A616ACC-4932-4B60-8EFE-39479715668D}		2013-01-18 0:00:00	16944.95	68.57 TX	121101060701	Town of Sabinal-Elm Creek	S	NM	121101060702	0	0	0.413879253	43296.05211	68356080.25
3218	2096	{1F548925-44EA-4704-8D06-3454DB62DB90}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	13336.39	53.97 TX	121101030507	Las Tablas Creek	S	NM	121101030604	0	0	0.367963595	38883.1919	53891636.26
3219	2097	{7F9524C8-97FF-43B8-93F1-71492B326396}		2013-01-18 0:00:00												

3259	2137 {7D9C8499-5C04-4B53-A927-E9937F643EE2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	37302.58	150.96 TX	121101050105	Chaparral Wildlife Management Area-Las Raices Creek	S	NM	121101050106	0	0	0.602057417	62789.62541	150724112.3
3260	2138 {7E75F2BD-E417-41D3-96F0-31D0C1969108}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	34955.8	141.46 TX	121101050102	Mesteno Creek-Las Raices Creek	S	NM	121101050103	0	0	0.674435292	70323.32186	141273836.4
3261	2139 {8CEE76ED-F14B-46DE-AC2F-E6D5A9D054D7}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24974.75	101.07 TX	121101050103	Pelon Ciz Creek-Las Raices Creek	S	NM	121101050104	0	0	0.576207078	59682.48119	100921154.7
3262	2140 {D583AB75-29A1-4AD0-8CD3-1821E113E60D}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	32868.61	133.01 TX	121101050206	Headwaters Charco Marrano Creek	S	NM	121101050207	0	0	0.584182928	60976.06201	132793316.9
3263	2141 {A364AA3D-90E2-40E7-9F76-13762A7B5EC6}		2013-01-18 0:00:00	30095.8	121.79 TX	121102040202	San Andraes Creek-Santa Gertrudis Creek	S	LE	121102040205	0	0	0.752008387	78239.52915	121746833.8
3264	2142 {8920F93A-AA71-4B2B-B2DD-89FC2F039781}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24663.04	99.81 TX	121101050207	Flowing Well-Nueces River	M	NM	121101050902	0	0	0.476855554	49570.95418	99664546.98
3265	2143 {A5824221-7A2B-446B-99A3-533F9D3AC66C}		2013-01-18 0:00:00	31182.81	126.19 TX	121101070108	Quihi Creek	S	NM	121101070109	0	0	0.747334676	78414.10275	125783451.7
3266	2144 {EBDD371C-46EC-4445-83F0-573C4BC70BD5}		2013-01-18 0:00:00	15388.63	62.28 TX	121004050202	Mullens Bayou-Copano Bay	F	NM	121004050205	0	0	0.388761638	40275.89622	62193342.58
3267	2145 {9ADE15CE-2883-4FC5-85EB-590733CAF917}		2013-01-18 0:00:00	21260.41	86.04 TX	121101070109	Verde Creek-Hondo Creek	S	NM	121101070202	0	0	0.828884434	85508.07976	85757672.92
3269	2147 {786CDCF2-6319-4B8A-B118-4DC971EDBF2C}		2013-01-18 0:00:00	32159.57	130.15 TX	121102040203	Escondido Creek	S	NM	121102040205	0	0	0.825430718	84771.13463	130142891.4
3270	2148 {67248402-ABD7-49D4-93E6-F75BE60B9425}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24746.19	100.14 TX	121102050202	Upper Agua Poquitta Creek	S	NM	121102050203	0	0	0.521838555	53732.92971	100121647
3271	2149 {518A656C-236A-4FE8-9976-687CBB15919F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	38401.43	155.41 TX	121102050203	Lower Agua Poquitta Creek	S	NM	121102050204	0	0	0.656057393	68034.70535	155386385.3
3272	2150 {4BB73C29-1B8C-4D7A-907E-55871994854D}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27806.11	112.53 TX	121102050301	Headwaters Macho Creek	S	NM	121102050304	0	0	0.573370122	59546.77891	112511317.9
3273	2151 {CE9B008B-62BF-43F7-A883-5B679369E70C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	31899.21	129.09 TX	121102050302	Upper Santonino Creek	S	NM	121102050303	0	0	0.5011127534	52070.33877	129078987.3
3274	2152 {8AD53384-1A62-4694-86F5-7531A9BE5E94}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	37919.74	153.46 TX	121101050401	Upper Carrizitos Creek	S	NM	121101050402	0	0	0.575389766	59662.19407	153363941.2
3275	2153 {139DFC05-2B78-4B34-B2CF-23625D3BB39F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	13912.2	56.3 TX	121102050303	Lower Santonino Creek	S	NM	121102050304	0	0	0.390243963	58275.09303	56300950.73
3280	2158 {8438AF0C-D780-4937-818E-4E639D48C97E}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	32141.93	130.07 TX	121102050505	Quinta Creek-Agua Dulce Creek	S	NM	121102050506	0	0	0.634329732	66350.56069	129958896
3281	2159 {89072CDE-D69E-4954-80A5-253D0E9DBC9E}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30842.43	124.81 TX	121101050106	Town Of Artesia Wells-Las Raices Creek	M	NM	121101050204	0	0	0.527492679	54902.94314	124615354.2
3282	2160 {67373101-0112-40DE-A6C1-D012A4020C22}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	31418.1	127.14 TX	121101050201	City of Cotulla-Nueces River	M	NM	121101050202	0	0	0.572110512	59480.32221	126905537.1
3283	2161 {F4045416-6CEF-42CB-9703-86D054F609AC}		2013-01-18 0:00:00	26630.68	107.77 TX	121102040301	Upper Rosita Creek	S	NM	121102040303	0	0	0.522037585	53855.40979	107698085.8
3284	2162 {FA07E357-21F2-454B-9216-8BA8885032A2}		2013-01-18 0:00:00	14161.11	57.31 TX	121102040204	Tulosa Lake	S	NM	121102040205	0	0	0.506140007	51901.25919	572004015.18
3285	2163 {69E5CE00-15D2-4709-9ADC-02D64BE86C80}		2013-01-18 0:00:00	29487.92	119.33 TX	121102040205	Escondido Creek-Santa Gertrudis Creek	S	GC,LE	121102040206	0	0	0.842431035	86689.78701	119327273.7
3286	2164 {042918BB-3F49-4CA8-A0DA-F60F79DE5EAE}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	23668.53	95.78 TX	121101050202	Altita Creek-Nueces River	S	NM	121101050203	0	0	0.599342691	62330.28102	95616043.83
3287	2165 {2EFA67C7-6781-4D62-9C20-94AEC021C041}		2013-01-18 0:00:00	23806.15	96.34 TX	121102040302	Tarancahuas Creek	S	NM	121102040303	0	0	0.505902017	52989.40569	96263535.39
3289	2167 {EA4E3D53-BAD1-4207-9807-8B29814E6725}		2013-01-18 0:00:00	14389.01	58.23 TX	121102040303	Middle Rosita Creek	S	NM	121102040304	0	0	0.465286971	48096.90886	58195181.54
3291	2169 {1523BF72-53BF-4D36-9944-01B89973AAC3}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19277.01	78.01 TX	121102050304	Upper Macho Creek	S	NM	121102050305	0	0	0.429922295	44327.06245	78017490.33
3292	2170 {898DB282-C908-4D73-ACD6-5879324136FA}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	16817.63	68.06 TX	121102050305	Middle Macho Creek	S	NM	121102050307	0	0	0.614467856	62832.6305	68068514.05
3293	2171 {9BBCAE84-6E02-4745-8790-6FECEA0559B4}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	23272.66	94.18 TX	121102050307	Lower Macho Creek	S	NM	121102050401	0	0	0.613208909	62906.50712	94201004.91
3294	2172 {ABD88BE5-C297-45C8-AC8C-954E9DE7EC3B}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	18687.4	75.63 TX	121102050401	City of Santa Cruz-Los Olmos Creek	S	NM	121102050404	0	0	0.797629403	82531.40949	75642454.83
3297	2175 {1B798CEA-ED81-418C-9070-6C81985AB876}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	23857.03	96.55 TX	121102050601	Town of Rabb-Petronila Creek	S	GC,PS	121102050603	0	0	0.613507841	63578.43424	96485180.4
3298	2176 {FA7023CB-1A1D-454A-8DA2-7D0D9B8D1F95}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17150.95	69.41 TX	121101050402	Middle Carrizitos Creek	M	NM	121101050403	0	0	0.45727761	47238.18939	69358939.93
3299	2177 {69D04265-4174-40AD-814D-CA594E0B5149}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	12677.56	51.3 TX	121101050403	Lower Carrizitos Creek	S	NM	121101050505	0	0	0.430368207	45361.39326	51262266.45
3301	2179 {6FB2882F-C669-4E0F-B836-5D94D9B03A19}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	18761.72	75.93 TX	121101050404	Callaghan Ranch	S	NM	121101050405	0	0	0.402869714	41557.49831	75868261.41
3302	2180 {7176C5A5-8EF5-4315-AF47-59DB5003A984}		2013-01-18 0:00:00	21508.25	87.04 TX	121102040304	Lower Rosita Creek	S	NM	121102040310	0	0	0.57115232	59026.59386	86993199.35
3303	2181 {4BBBFF78-C2FA-4D31-8ED2-9851ECD8D7DC}		2013-01-18 0:00:00	28965.46	117.22 TX	121102040305	Headwaters San Diego Creek	S	NM	121102040307	0	0	0.612268796	63843.78321	117104344.2
3304	2182 {4E4D9A4F-D155-4488-9713-601CEB3FFD4B}		2013-01-18 0:00:00	12117.92	49.04 TX	121102040308	Reyes Cemetery	S	NM	121102040309	0	0	0.345734293	35626.29018	49004524
3310	2188 {353EF90A-58BF-4654-942E-9F3C190B62E6}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	19157.69	77.53 TX	121102050406	Salado Creek	S	NM	121102050407	0	0	0.556521772	57611.85493	77567743.13
3311	2189 {016828AA-2F09-4C51-9215-7BAB844F0BFD}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	15784.14	63.88 TX	121102050403	Palobia Creek-Paisano Creek	S	NM	121102050407	0	0	0.555227083	57337.58348	63973104.05
3312	2190 {34D1D524-A919-4171-84FA-BDEF7C98DD4F}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27541.35	111.46 TX	121102050404	West Lake-Los Olmos Creek	S	NM	121102050407	0	0	0.936825072	97735.39609	111517193.3
3313	2191 {8B5ED134-8745-461C-BD2B-CF12AFA0C045}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	25312	102.43 TX	121102050405	Canelo Lake-Salado Creek	S	NM	121102050406	0	0	0.646018955	66244.60561	102473408.1
3314	2192 {EBFC3FF6-7168-48DD-9026-967F632C0F7C}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	27890.76	112.87 TX	121101050203	Holland Dam-Nueces River	M	NM	121101050204	0	0	0.693930075	73030.60204	112673398.7
3315	2193 {61C92741-0062-4A19-933C-FDA88532091E}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	15302.93	61.93 TX	121101050405	121101050405	S	NM	121101050406	0	0	0.449213763	46840.76621	61877473.29
3316	2194 {41884B13-C626-46A6-9D0D-25DC56D51DD2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	21283.46	86.13 TX	121101050406	Venado Creek	S	NM	121101050505	0	0	0.491601332	50938.94114	86051146.93
3317	2195 {7BAF504A-B3FB-4246-A988-509C4231214B}		2013-01-18 0:00:00	18917.53	76.56 TX	121102040309	Muralla Tank-San Diego Creek	S	NM	121102040310	0	0	0.464855441	48270.70423	76507846.55
3320	2198 {8BC2E50E-C007-4BA4-8B39-94A98532FE16}		2013-01-18 0:00:00	28163.9	113.98 TX	121101080405	Elm Creek-Galinda Creek	M	NM	121101080406	0	0	0.539615336	55364.02562	113777272.4
3321	2199 {C5DFD970-3FB0-4AF7-B9D4-E229CE9CC065}		2013-01-18 0:00:00	16767.11	67.85 TX	121102040310	Town of San Diego-San Diego Creek	S	NM	121102040404	0	0	0.507670138	52438.7361	61781860.81
3325	2203 {6D48A87A-7476-4A26-A4B1-BA975C9F148E}		2013-01-18 0:00:00	20039.08	81.1 TX	121101080202	Snake Creek	S	NM	121101080203	0	0	0.462952352	47827.68876	80915106.36
3326	2204 {C9B30846-9E5D-4343-8C32-95086E9DE4E7}		2013-01-18 0:00:00	28826.64	116.66 TX	121101080203	Dry Cibolo Creek-Cibolo Creek	S	NM	121101080204	0	0	0.548648363	57404.28957	116404339.2
3327	2205 {18BF1F3F-FA33-4D06-A745-8E63B5C0E94C}		2013-01-18 0:00:00	13319.71	53.9 TX	121101080406	Muerto Creek-Galinda Creek	S	NM	121101080407	0	0	0.475345222	48732.50975	53805276.04
3328	2206 {97342E63-8DA3-4398-80A7-C9D13EB8B6A4}		2013-01-18 0:00:00	34204.48	138.42 TX	121101080201	Headwaters Cibolo Creek	S	NM	121101080203	0	0	0.687230061	71104.72949	138099369.8
3330	2208 {CC64D331-D97D-4F0B-A12E-8E9EB683BA58}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	31979.2	129.42 TX	121101040501	Upper Chaparrisa Creek	S	NM	121101040504	0				

3360	2238	{AC42E0DD-9056-4AAE-9F93-61FFCA9BC36B}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30229.07	122.33	TX	121101040603	Headwaters Pena Creek	S	NM	121101040604	0	0	0.539731298	56378.60741	122096920.1
3361	2239	{E6BE4058-3F68-4866-9EB7-ED8406CEB674}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24305.29	98.36	TX	121101040604	121101040604-Pena Creek	S	NM	121101040605	0	0	0.540000472	56138.95276	98154889.35
3362	2240	{AA38CE6D-0C78-4350-AC04-DB67DB680A54}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26750.87	108.26	TX	121102050603	North Clara Driscoll Oil Field-Petronila Creek	S	GC	121102050604	0	0	0.598714984	62512.84006	108203356.8
3363	2241	{6531235D-F5E2-46E8-8BFD-DC97D37B2455}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	33037.82	133.7	TX	121102050602	Pintas Creek	S	IT,PS	121102050603	0	0	0.643332095	65071.58441	133627194
3364	2242	{C96FADD1-3998-4252-9A7F-4A3A323441EE}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30540.46	123.59	TX	121101040404	Windmill Creek-Turkey Creek	S	NM	121101040405	0	0	0.676990618	70456.64707	123249879
3365	2243	{7948533F-877F-4EB8-B9FC-42474FC5C086}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	13748.29	55.64	TX	121101040403	Wood Slough	S	NM	121101040404	0	0	0.396516444	41455.23309	55474735.16
3366	2244	{D5CA4A10-AA0C-4814-9B48-142CA67D99D4}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	34309.82	138.85	TX	121101040605	Pena Creek-Turkey Creek	S	NM	121101030207	0	0	0.817938147	85378.92908	138539784.3
3367	2245	{278308F4-D5FF-4E35-9C0A-6D16F9872D8A}		2013-01-18 0:00:00	29299.08	118.57	TX	121101070402	Squirrel Creek	S	NM	121101070403	0	0	0.779722815	81562.93313	118220989.2
3368	2246	{CC2F4CF1-7066-4504-8AC3-1C9CC9A20CFD}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	26656.99	107.88	TX	121102050608	Little Tule Lake-Petronila Creek	S	NM	121102050808	0	0	0.501889836	53323.12223	107859624.9
3369	2247	{8DDB1F04-979F-4D2C-8B2C-E34092AE8981}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	30392.86	123	TX	121101040405	Maverick Creek-Turkey Creek	S	NM	121101040601	0	0	0.752280495	79182.92788	122675696.4
3370	2248	{80734CD2-B892-477B-9893-A81EE691BF5B}		2013-01-18 0:00:00	11086.91	44.87	TX	121101070201	Elm Slough	S	NM	121101070202	0	0	0.546149121	57880.6154	44727356.16
3371	2249	{6DF32358-117F-4102-BE8D-9EA6ACFD2929}		2013-01-18 0:00:00	13140.72	53.18	TX	121101070405	Cocklebur Creek	S	NM	121101070406	0	0	0.470473544	48534.31908	53032842.16
3372	2250	{3BF27197-9482-4E85-B6A7-EC68AD7BE12D}		2013-01-18 0:00:00	16269.66	65.84	TX	121101070406	Live Oak Creek	S	NM	121101070407	0	0	0.423237151	44487.94278	65660426.86
3373	2251	{FC0C5F6D-0A2C-49CD-97BE-D16ED1A65BE4}		2013-01-18 0:00:00	11251.33	45.53	TX	121101070404	121101070404	S	NM	121101070405	0	0	0.311592739	32304.38902	45403523.85
3374	2252	{0368C6A0-F6AB-4272-A205-3EA325077A56}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	23547.4	95.29	TX	121102050607	Chapman Ranch Lake-Petronila Creek	S	GC,TF	121102050608	0	0	0.523626476	55662.69533	95265304.74
3376	2254	{DCA439B5-F86E-4871-952A-2BE50F83ABDE}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	20509.32	83	TX	121101050101	Javelina Tank-Las Raices Creek	S	NM	121101050102	0	0	0.399787837	42032.94726	82890848.39
3377	2255	{3E5257F5-5618-42F5-85FD-11D247694704}		2013-01-18 0:00:00	35744.08	144.65	TX	121101070202	Hog Wallow Slough-Hondo Creek	S	NM	121101070205	0	0	0.649588315	67505.26574	144202818
3378	2256	{7D9350B2-2119-432E-AD3C-585D74F8DE9C}		2013-01-18 0:00:00	24594.74	99.53	TX	121101070203	East Branch Live Oak Creek	S	NM	121101070204	0	0	0.524358814	55566.46137	99217438.69
3379	2257	{60E57EC0-2A16-46FB-AB47-B3DAF7C170A2}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	29493.42	119.36	TX	121102050801	Upper Chiltipin Creek	S	NM	121102050802	0	0	0.536828642	56353.37017	119344707.4
3381	2259	{98DB147A-02FB-4A12-87D3-356C16AA0E06}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	18983.3	76.82	TX	121102050802	Lower Chiltipin Creek	S	NM	121102050803	0	0	0.420927724	43900.68905	76817939.06
3382	2260	{BF8B9C83-4B5E-49EC-8029-A6D3687EC0B2}		2013-01-18 0:00:00	17203.42	69.62	TX	121101070407	Stoker Ranch-Hondo Creek	M	NM	121101061202	0	0	0.484700643	50560.54886	69430877.16
3385	2263	{8AB934A2-54DB-4C02-961B-D2AE8CA195F2}		2013-01-18 0:00:00	21780.6	88.14	TX	121101070206	West Tehuacana Creek	S	NM	121101070207	0	0	0.550885174	57631.90468	87881110.43
3386	2264	{EBEB7A47-1080-4A42-A1CF-20D5B2B1CD4B}		2013-01-18 0:00:00	19912.92	80.58	TX	121101070204	Little Live Oak Creek-Live Oak Creek	S	NM	121101070205	0	0	0.507961484	53272.47829	80337309.37
3389	2267	{AE398C72-F8F0-4B40-A5E2-2B990C55BDA7}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	36878.14	149.24	TX	121102060102	Arroyo de los Angeles	S	NM	121102060104	0	0	0.616025058	63279.869	149249786.6
3390	2268	{74121BC9-1A29-447E-8B2C-CFA4F25D6A5B}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	28371.37	114.81	TX	121102060101	Van Es Ranch Airport	S	NM	121102060102	0	0	0.505645482	52253.45207	114838476.3
3392	2270	{1B26035A-2DFA-4F9F-96D2-228D9AFA174C}		2013-01-18 0:00:00	39209.71	158.68	TX	121101070205	Brier Branch-Hondo Creek	S	NM	121101070407	0	0	0.811562692	84752.66661	158214601.6
3393	2271	{A6C69580-DC9B-4916-8CAA-348766D04108}		2013-01-18 0:00:00	21892.71	88.6	TX	121101080103	Frio River	S	NM	121101080105	0	0	0.597313925	62064.12292	88404257.06
3394	2272	{5B34506D-5A40-46AC-982A-4EB6E571C057}		2013-01-18 0:00:00	33431.9	135.29	TX	121101080102	Headwaters Martin Branch	S	NM	121101080103	0	0	0.616722384	63426.37311	134994881.2
3396	2274	{980CF765-3D74-4720-B512-8D05B3AD7980}		2013-01-18 0:00:00	93719.64	379.27	TX	121004040000	Hynes Bay-San Antonio Bay	F	GC,LE	121004030200	0	0	1.229146258	129611.3022	378647072.2
3397	2275	{0C1D21FF-B091-4095-8E10-1E16D52D1F491}		2013-01-18 0:00:00	29033.05	117.49	TX	121102040404	Resaca de Enmedio-San Fernando Creek	S	NM	121102040405	0	0	0.631199384	64627.59083	117419873
3398	2276	{9381A040-E86B-48D7-A318-BCC3352BAB7D}		2013-01-18 0:00:00	32676.52	132.24	TX	121101080104	Mule Creek-Ruiz Creek	M	NM	121101080105	0	0	0.611322695	64216.89929	131934104.1
3399	2277	{374094CB-6B3B-47B6-922B-58BE4AE15957}		2013-01-18 0:00:00	21852.45	88.43	TX	121101080105	Ruiz Creek-Frio River	S	NM	121101080106	0	0	0.466426953	48930.57569	88242384.44
3400	2278	{427B4D73-DA7C-4B0C-8744-6AD8133BD1A8}		2013-01-18 0:00:00	17690.1	71.59	TX	121101080106	Cayman Slough-Frio River	M	NM	121101080401	0	0	0.477329407	50224.0243	71446561.45
3401	2279	{D4EE0E44-8F7F-49ED-AF36-9682A574C7A9}		2013-01-18 0:00:00	29465.72	119.24	TX	121101070207	East Tehuacana Creek-Tehuacana Creek	S	NM	121101070407	0	0	0.691175333	72058.64716	118896724.3
3402	2280	{FE2AD46B-90D9-4A89-BC67-02F4FBD05186}		2013-01-18 0:00:00	22517.72	91.13	TX	121101070301	Headwaters Seco Creek	S	NM	121101070302	0	0	0.532675315	55039.29575	90808763.96
3404	2282	{8DCB527-C42B-4C1F-962D-52B66D159D7C}		2013-01-18 0:00:00	31762.86	128.54	TX	121101070302	Little Seco Creek-Seco Creek	S	NM	121101070303	0	0	0.613233677	63559.4769	128106103.7
3406	2284	{D849F0E3-9CAF-4D85-99EA-22AEFE0628D1}		2013-01-18 0:00:00	30159.13	122.05	TX	121101070303	Rocky Creek-Seco Creek	S	NM	121101070304	0	0	0.5722526	59213.9102	121641925.9
3410	2288	{0552D050-E127-4F63-BEED-CFDB09CE8897}		2013-01-18 0:00:00	18777.4	75.99	TX	121101061205	Town of Derby-Frio River	S	TF	121101080101	0	0	0.545643538	56874.20746	75807819.95
3411	2289	{BBFC71DD-C9A1-459B-8636-20CAC3EB050A}		2013-01-18 0:00:00	32750.24	132.54	TX	121101070101	Headwaters Hondo Creek	S	NM	121101070102	0	0	0.610748825	62635.06952	132071540.2
3412	2290	{A91A68C2-003D-45D7-AEA7-848D54C9A69F}		2013-01-18 0:00:00	38906.2	157.45	TX	121101070304	Live Oak Creek-Seco Creek	S	NM	121101070403	0	0	0.743089208	78617.86141	156946556.8
3413	2291	{D0B07CF4-5BAB-49C3-AA4D-1B8829E9B0A4}		2013-01-18 0:00:00	27908.19	112.94	TX	121101070305	Parkers Creek	S	NM	121101070403	0	0	0.75435478	79967.9575	112582571.8
3415	2293	{42709E13-5125-473A-BAB9-A51C3AFD7984}	{00067ACA-92EC-482E-BF17-9DC73155999D}	2013-01-18 0:00:00	10871.82	44	TX	121102050407	McGill Lake-Los Olmos Creek	S	NM	121102050705	0	0	0.451219256	46584.20942	44022839.19
3418	2296	{99CBE3F7-EE75-496A-B9FD-31552D42A4F2}		2013-01-18 0:00:00	9736.79	39.4	TX	121101070103	Twin Hollow	S	NM	121101070109	0	0	0.320148576	33518.06358	39270107.38
3419	2297	{EA8FD90D-5FD7-4745-8030-5C2276E28DA8}		2013-01-18 0:00:00	17794.96	72.01	TX	121101070105	Martin Creek-Verde Creek	S	NM	121101070106	0	0	0.46974638	48554.06427	71772567.9
3420	2298	{DE432C18-EBFC-4E18-8F07-452C7E66A457}		2013-01-18 0:00:00	36836.68	149.07	TX	121101070104	Middle Verde Creek	S	NM	121101070105	0	0	0.669198653	68884.65922	148560593.9
3421	2299	{40F70AD3-0230-43F8-90B1-C725D541604F}		2013-01-18 0:00:00	36320.63	146.98	TX	121102040405	Lattas Creek-San Fernando Creek	S	IT,LE	121102040406	0	0	0.739414307	75700.19318	146917117.1
3422	2300	{71561C38-C832-4FD1-AC5A-C8853815BF20}		2013-01-18 0:00:00	14442.99	58.45	TX	121102040406	Ogados Lake-San Fernando Creek	S	LE	121102040407	0	0	0.435614862	44857.82664	58430493.53
3423	2301	{71105BD2-FA63-4FC4-8D26-069B560444EF}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	24341.42	98.51	TX	121102050501	Headwaters Agua Dulce Creek	S	NM	121102050502	0	0	0.481939734	49803.19395	98407743.51
3424	2302	{8702E0B3-B50F-426F-8C73-9E7086ADE655}	{EDAEAF5E-1D6D-45E0-9835-A54326F647A9}	2013-01-18 0:00:00	17563.36	71.08	TX	121102050502	Reynolds Cemetary-Agua Dulce Creek	S	NM	121102050504	0	0	0.393188884	40695.07525	71008031.59
3425	2303	{60EC5232-28E9-4A1B-AA0C-93A7EEC3D1FA}		2013-01-18 0:00:00	35871.79	145.17	TX	121004050101	Upper Copano Creek	S	GC	121004050102	0	0	0.655096301	68901.2241	144889962.2
3426	2304	{BF0825A6-5A3D-4D8B-940A-FOA51F600CED}		2013-01-18 0:00:00	33517.28	135.64	TX	121004050102	Middle Copano Creek	S	GC	121004050103					

3 Floodplain Management Practices and Flood Protection Goals

The goal of this task is for regional flood planning groups (RFPGs) to

- evaluate and make recommendations on forward-looking floodplain management, land use, and economic practices, and
- define overarching flood mitigation and floodplain management goals to protect against the loss of life and property, including specific and achievable short-term (10-year) and long-term (30-year) goals.

These two goals are addressed in the following sections on Floodplain Management Practices and Goals.

3.1 Evaluation and Recommendations on Floodplain Management Practices

Floodplain management, land use, infrastructure design, and other practices play a key role in identifying and reducing risk and impact that flooding causes to life and property, specifically in preventing the creation of additional flood risk in the future. This section considers current floodplain management practices, evaluates how best to address future development and population growth, and provides recommendations regarding forward-looking floodplain management strategies for inclusion in the Regional Flood Plan.

3.1.1 Current Floodplain Management Practices

3.1.1.1 Entities with Flood-Related Authority

Entities identified as having flood-related authority in the region are listed in Appendix A5 – TWDB Table 6 – Existing Floodplain Management Practices. The list includes 31 counties, 57 cities, and 46 districts with flood-related authority.

3.1.1.2 Outreach to Entities with Flood Authority

A Current Floodplain Management Practices and Goal survey was sent to floodplain stakeholders and administrators representing Nueces Region entities with flood-related authority on June 17, 2021. As of June 14, 2022, 32 of 134 entities had completed the survey on existing floodplain practices. Specifically, 15 counties of 31, 12 municipalities of 57, and 5 of 46 other government entities responded to the survey. The survey results are summarized in Appendix C3 – Floodplain Management Practices and Goal Survey Results. Entities that responded to the survey include the following.

- Aransas County
- Bandera County
- Bexar County
- City of Beeville
- City of Bishop
- City of Corpus Christi
- City of Cotulla La Salle County
- City of Gregory
- City of Hondo
- City of Ingleside
- City of Ingleside on the Bay
- City of Leakey
- City of Port Aransas
- City of Portland
- City of Sinton
- City of Uvalde
- Dimmit County
- Duval County
- Duval County Conservation / Reclamation District
- Frio County
- Karnes County
- Kerr County
- McMullen County Water Control and Improvement District (WCID) #1
- Medina County
- Real County
- Refugio County
- San Patricio County
- San Patricio County Drainage District
- Uvalde County Underground Water Conservation District (UWCD)
- Webb County
- Wilson County
- Zavala County

The survey gathered information on the use of various floodplain practices typically employed by entities in the Nueces River Basin with flood authority. This information is summarized for each entity listed in the Existing Floodplain Management Practices Summary Table. Floodplain management regulations are common with 25 of the 32 cities and counties that responded to the flood practice survey. Descriptions and details of floodplain management practices in the Nueces River Basin are described in further detail in the sections below.

3.1.1.3 Minimum Floodplain Management Regulations

Minimum floodplain management regulations include compliance with Texas Water Code Section 16.3145 and FEMA's National Flood Insurance Program (NFIP) participation.

- Texas Water Code Section 16.3145 requires a city or county to adopt the necessary ordinances or orders for the city or county to be eligible to participate in the NFIP. This practice is common with 23 of the 28 reporting cities and counties complying with this requirement.
- NFIP participation is voluntary and is based at a minimum on a community's agreement to adopt and enforce the Federal standards for building within a Special Flood Hazard Area (SFHA). In exchange the FEMA makes flood

insurance available. NFIP participation is a wide-spread practice in the Nueces River Basin with 85 of 86 reporting cities and counties participating.

3.1.1.4 Higher Floodplain Management Standards

Higher floodplain management standards can include an assortment of practices to further reduce flood risk above and beyond minimal standards. The Texas Floodplain Management Association (TFMA) produced a guide for higher standards in 2018 that describes 32 higher standard practices that if implemented would reduce flood risks (<https://www.tfma.org/page/documents-reports>).

Of these practices, the implementation of freeboard requirements was listed as the single most effective means for reducing flood risks. Freeboard is the standard for placing the first floor of a structure above the elevation of the calculated 1% annual chance flood level to allow for nature's uncertainty and future changes in the watershed that will increase flood levels.

TFMA's 2018 Higher Standards Survey identified 368 entities across Texas and 19 entities in the Nueces River Basin that have adopted higher standards. These include 10 counties: Aransas, Bandera, Bexar, Kerr, Live Oak, Medina, Nueces, Refugio, San Patricio, and Webb. The remaining nine are municipalities: Alice, Aransas Pass, Charlotte, Corpus Christi, Ingleside, Kingsville, Port Aransas, Rockport, and Uvalde. In general, many entities in the lower basin and those near San Antonio and Laredo have adopted higher standards.

Most of the entities in the Nueces River Basin identified in the TFMA survey results have adopted freeboard requirements of greater than 1 foot above the existing base flood elevation (BFE), with Rockport and Aransas County adopting 1.5 feet above the existing BFE, with Uvalde and San Patricio County adopting 2.0 feet above the existing BFE, and Bandera County adopting 3 feet above the existing BFE. Multiple entities (5) have 1 foot above fully developed BFE requirements. For further information see Appendix C4 – TFMA Higher Standard Survey Results for the Nueces River Basin.

NFIP's Community Rating System (CRS) credits community efforts beyond meeting minimum NFIP standards. For the Nueces River Basin only, Corpus Christi has been identified as a CRS community with a rate class of 7. For more information on CRS see Section 1.8.

3.1.1.5 Degree of Floodplain Management Practices

Existing floodplain management practices are generally described as none, low, moderate, and strong, as defined below and displayed in Table 3-1 and Figure 3-1.

- None – no floodplain management practices in place
- Low – regulations meet the minimum NFIP standards

- Moderate – Some higher standards, such as freeboard, detention requirements, or fill restrictions
- Strong – Significant regulations that exceed NFIP standard with enforcement, or community belongs to the Community Rating System.

Table 3-1. Level of Floodplain Management Standards

Floodplain Management Practice	Entity Response	Counties (31 total)	Municipalities (57 total)	Other (46 total)
Floodplain Management Practices (Strong/Moderate/Low/None)	Strong	3	5	2
	Moderate	8	6	0
	Low	3	2	1
	None	1	0	1
	Unknown	16	44	42

Entities with strong flood management practices are generally concentrated near the large population growth urban areas of Corpus Christi, San Antonio, and Laredo. The locations that lack floodplain management practices generally consist of more rural counties in historically low population growth areas.

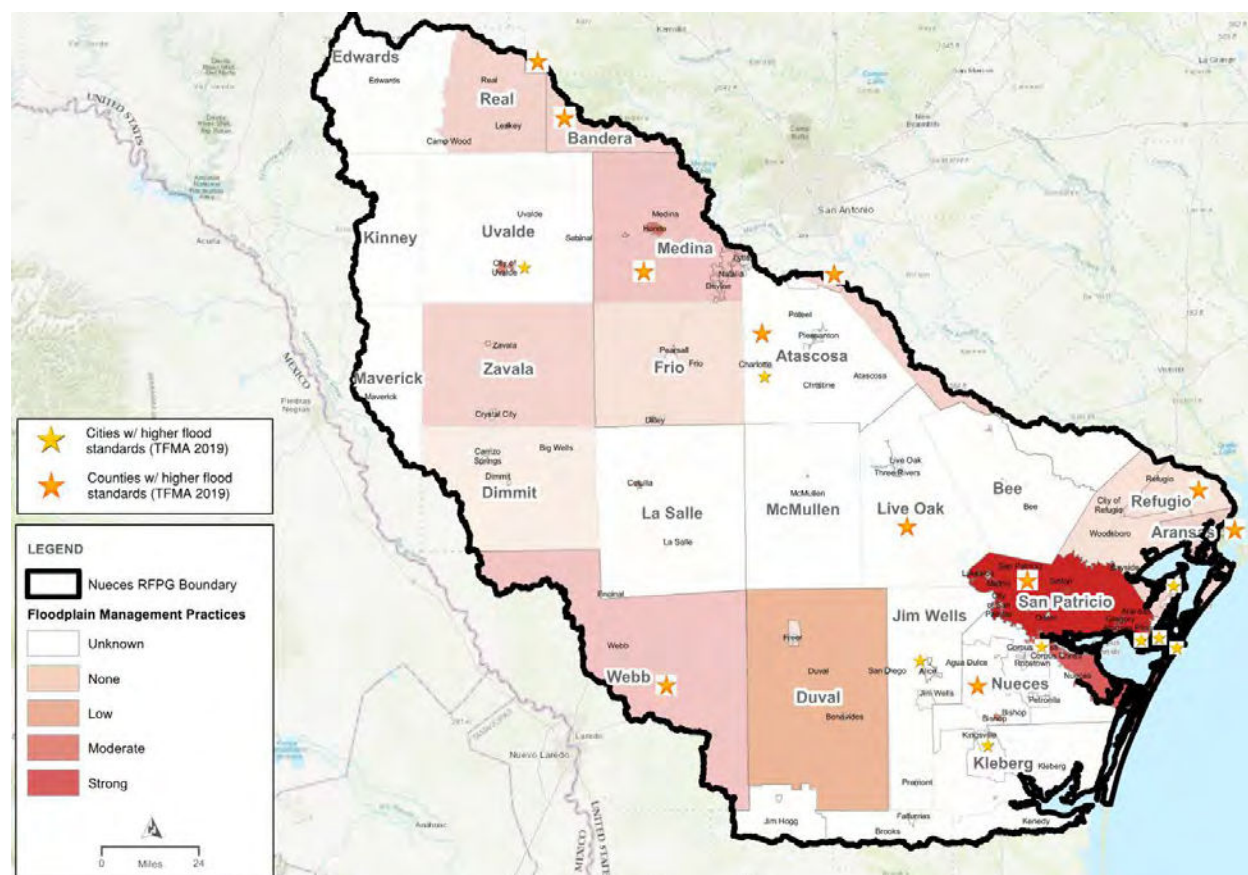


Figure 3-1. Level of Floodplain Management Standards

3.1.1.6 Level of Enforcement of Floodplain Management Practices

- The level of enforcement varies among entities from none to high, as defined below and displayed in Table 3-2 and Figure 3-2.
- High – actively enforces the entire ordinance, performs many inspections throughout building construction process, issues fines, violations, and Section 1316s where appropriate, and enforces substantial damage and substantial improvement. Note: Section 1316 of the National Flood Insurance Act of 1968 provides for the denial of flood insurance coverage for any property determined to be in violation of State or local floodplain management regulations.
- Moderate – enforces much of the ordinance, performs limited inspections and is limited in issuance of fines and violations.
- Low – provides permitting of development in the floodplain, may not perform inspections, may not issue fines or violations.
- None – does not enforce floodplain management practices

Table 3-2. Level of Enforcement Practices

Floodplain Management	Entity	Counties	Municipalities	Other
Level of Enforcement of Practices (High/Moderate/Low/None)	High	3	5	2
	Moderate	8	6	0
	Low	3	2	1
	None	1	0	1
	Unknown	16	44	42

Similar to the strength of flood plain practices, levels of enforcement (shown in Figure 3-2), are strongest near the high growth urban areas of Corpus Christi, San Antonio, and Laredo.

Attachment 6

Overall Calculation – Weighted Average of AMHI based on Census Tract and FMX Project Area Overlap

$$[(\text{Income of Tract} * \text{Area of Tract Overlap}) + 2^{\text{nd}} + 3^{\text{rd}} \dots] / \text{Total Area of Tract Overlap}$$

Income of Tract = AMHI from TWDB provided spreadsheet

Area of Tract Overlap = Area of FMX overlap within Census Tract (SQ MI)

Total Area of Tract Overlap = Total Area of FMX (SQ MI)

EXAMPLE FOR FMP ID 103000033

Tract ID: 48171950301

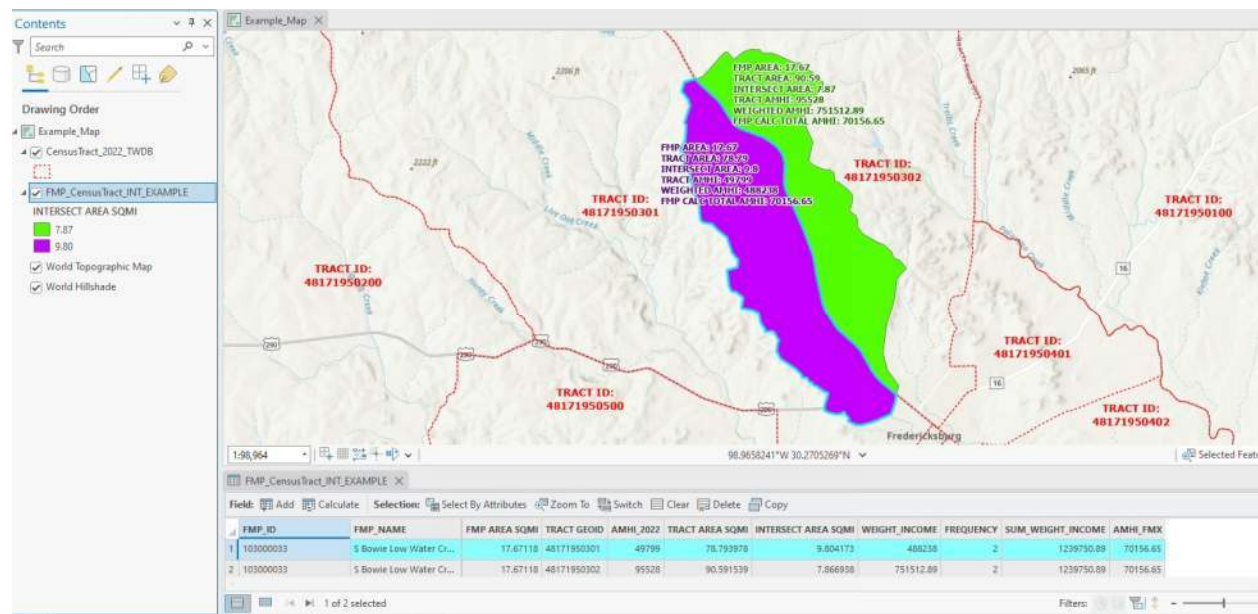
$$(49,799 * 9.804173) / (17.67118) = 27,629.06$$

Tract ID: 48171950302

$$(95,528 * 7.866938) / (17.67118) = 42,527.60$$

$$27,629.06 + 42,527.60 = 70,156.66$$

Example Screenshot



Datasets

- 2022 Census Tract dataset found here on the Central TX GIS Data Library:
<Q:\Nationwide Data\US Census Bureau\2022\tl 2022 48 tract>
- Census calculations provided by TWDB for this analysis located from their website located here:
<https://www.twdb.texas.gov/financial/programs/FIF/index.asp>

Direct Link to spreadsheet:

https://www.twdb.texas.gov/financial/programs/fif/doc/US_Census_Bureau_ACS_data.xlsx

**** For tracts ID that could not be found, the County data was substituted for that tract (100 tract ID's were not found)**

AMHI Calculation

OBJECTID	STATEFP	COUNTYFP	TRACTCE	GEOID	NAME	NAMELSAD	AMHI_2022	ORIG_AREA_S	INT_AREA_SM	WEIGHT_INCOME
1	48	355	005414	48355005414	54.14	Census Tract 54.14	\$ 129,966	1.1135	1.1135	\$ 144,714
2	48	355	005404	48355005404	54.04	Census Tract 54.04	\$ 100,195	2.3699	1.9036	\$ 190,729
3	48	355	003700	48355003700	37	Census Tract 37	\$ 87,813	4.7808	4.7322	\$ 415,547
4	48	355	001903	48355001903	19.03	Census Tract 19.03	\$ 51,667	0.5543	0.5543	\$ 28,640
5	48	325	000802	48325000802	8.02	Census Tract 8.02	\$ 56,710	12.3435	12.3435	\$ 699,998
6	48	325	000104	48325000104	1.04	Census Tract 1.04	\$ 106,719	76.4287	0.0590	\$ 6,296
7	48	325	000103	48325000103	1.03	Census Tract 1.03	\$ 101,479	71.4099	2.3063	\$ 234,038
8	48	325	000302	48325000302	3.02	Census Tract 3.02	\$ 57,310	137.0833	137.0833	\$ 7,856,244
9	48	325	000801	48325000801	8.01	Census Tract 8.01	\$ 52,955	74.8298	74.8298	\$ 3,962,614
10	48	325	000301	48325000301	3.01	Census Tract 3.01	\$ 81,195	173.6603	143.3858	\$ 11,642,213
11	48	355	002101	48355002101	21.01	Census Tract 21.01	\$ 58,613	0.6618	0.6618	\$ 38,790
12	48	355	002001	48355002001	20.01	Census Tract 20.01	\$ 43,765	0.6523	0.6523	\$ 28,549
13	48	355	001702	48355001702	17.02	Census Tract 17.02	\$ 56,719	3.4139	3.4139	\$ 193,633
14	48	355	002002	48355002002	20.02	Census Tract 20.02	\$ 40,364	0.5059	0.5059	\$ 20,418
15	48	355	001904	48355001904	19.04	Census Tract 19.04	\$ 49,949	0.5829	0.5829	\$ 29,113
16	48	355	002602	48355002602	26.02	Census Tract 26.02	\$ 68,200	0.5017	0.5017	\$ 34,214
17	48	355	002603	48355002603	26.03	Census Tract 26.03	\$ 70,455	0.5025	0.5025	\$ 35,406
18	48	355	003204	48355003204	32.04	Census Tract 32.04	\$ 73,571	0.8841	0.8841	\$ 65,042
19	48	355	003306	48355003306	33.06	Census Tract 33.06	\$ 57,250	1.1336	1.1336	\$ 64,901
20	48	355	003303	48355003303	33.03	Census Tract 33.03	\$ 46,518	0.7429	0.7429	\$ 34,557
21	48	323	950207	48323950207	9502.07	Census Tract 9502.07	\$ 51,250	446.1870	68.2920	\$ 3,499,965
22	48	323	950701	48323950701	9507.01	Census Tract 9507.01	\$ 68,646	555.2670	451.4319	\$ 30,988,992
23	48	355	003305	48355003305	33.05	Census Tract 33.05	\$ 29,788	0.5101	0.5101	\$ 15,196
24	48	355	005412	48355005412	54.12	Census Tract 54.12	\$ 101,250	1.0980	1.0862	\$ 109,981
25	48	355	005409	48355005409	54.09	Census Tract 54.09	\$ 103,586	0.8167	0.7846	\$ 81,274
26	48	355	980000	48355980000	9800	Census Tract 9800	\$ 64,027	4.2382	4.2382	\$ 271,360
27	48	163	950102	48163950102	9501.02	Census Tract 9501.02	\$ 61,958	345.5152	345.5152	\$ 21,407,431
28	48	163	950101	48163950101	9501.01	Census Tract 9501.01	\$ 66,250	204.5173	204.5173	\$ 13,549,274
29	48	163	950201	48163950201	9502.01	Census Tract 9502.01	\$ 56,042	215.5079	215.5079	\$ 12,077,495
30	48	163	950202	48163950202	9502.02	Census Tract 9502.02	\$ 32,500	156.8860	156.8860	\$ 5,098,795
31	48	163	950301	48163950301	9503.01	Census Tract 9503.01	\$ 68,333	179.2051	179.2051	\$ 12,245,619
32	48	163	950302	48163950302	9503.02	Census Tract 9503.02	\$ 63,611	29.8581	29.8581	\$ 1,899,306
33	48	265	960301	48265960301	9603.01	Census Tract 9603.01	\$ 70,962	331.2552	16.6876	\$ 1,184,182
34	48	311	950100	48311950100	9501	Census Tract 9501	\$ 60,313	1154.8200	1154.8200	\$ 69,650,657
35	48	019	000103	48019000103	1.03	Census Tract 1.03	\$ 54,539	89.0498	0.6544	\$ 35,689
36	48	019	000301	48019000301	3.01	Census Tract 3.01	\$ 72,012	35.3282	0.7449	\$ 53,641
37	48	007	950400	48007950400	9504	Census Tract 9504	\$ 40,660	2.3298	2.3298	\$ 94,730
38	48	007	950200	48007950200	9502	Census Tract 9502	\$ 54,554	7.8260	1.0522	\$ 57,401
39	48	057	000502	48057000502	5.02	Census Tract 5.02	\$ 62,500	414.8679	0.0018	\$ 113
40	48	013	960601	48013960601	9606.01	Census Tract 9606.01	\$ 73,024	48.1916	48.1916	\$ 3,519,145
41	48	013	960404	48013960404	9604.04	Census Tract 9604.04	\$ 91,413	17.0174	17.0174	\$ 1,555,613
42	48	013	960602	48013960602	9606.02	Census Tract 9606.02	\$ 75,521	265.5970	265.5970	\$ 20,058,155
43	48	013	960102	48013960102	9601.02	Census Tract 9601.02	\$ 70,028	313.4056	313.4056	\$ 21,947,166
44	48	013	960403	48013960403	9604.03	Census Tract 9604.03	\$ 60,094	4.9377	4.9377	\$ 296,727
45	48	013	960204	48013960204	9602.04	Census Tract 9602.04	\$ 102,029	77.5178	70.1398	\$ 7,156,289
46	48	013	960101	48013960101	9601.01	Census Tract 9601.01	\$ 59,500	61.7518	61.7518	\$ 3,674,231
47	48	013	960206	48013960206	9602.06	Census Tract 9602.06	\$ 66,403	51.5277	43.3874	\$ 2,881,054
48	48	013	960203	48013960203	9602.03	Census Tract 9602.03	\$ 50,943	8.9503	8.9503	\$ 455,956
49	48	013	960205	48013960205	9602.05	Census Tract 9602.05	\$ 72,019	73.0634	72.7292	\$ 5,237,881
50	48	385	950100	48385950100	9501	Census Tract 9501	\$ 46,842	697.5231	636.9855	\$ 29,837,674
51	48	271	950100	48271950100	9501	Census Tract 9501	\$ 52,386	1360.8329	608.7172	\$ 31,888,257
52	48	007	950103	48007950103	9501.03	Census Tract 9501.03	\$ 59,116	19.6659	3.0742	\$ 181,735
53	48	007	950501	48007950501	9505.01	Census Tract 9505.01	\$ 51,168	53.1016	43.8153	\$ 2,241,941
54	48	273	020402	48273020402	204.02	Census Tract 204.02	\$ 55,086	3.1156	3.1156	\$ 171,625
55	48	273	020502	48273020502	205.02	Census Tract 205.02	\$ 48,750	1.2884	1.2884	\$ 62,811
56	48	273	020200	48273020200	202	Census Tract 202	\$ 29,281	2.5773	2.5773	\$ 75,466
57	48	283	950302	48283950302	9503.02	Census Tract 9503.02	\$ 53,784	1488.2136	1488.2136	\$ 80,042,080
58	48	283	950301	48283950301	9503.01	Census Tract 9503.01	\$ 67,738	3.5067	3.5067	\$ 237,537
59	48	249	950202	48249950202	9502.02	Census Tract 9502.02	\$ 80,953	194.3902	194.3902	\$ 15,736,474
60	48	249	950101	48249950101	9501.01	Census Tract 9501.01	\$ 68,991	246.4674	246.4674	\$ 17,004,032
61	48	249	950201	48249950201	9502.01	Census Tract 9502.01	\$ 36,351	183.8227	183.8227	\$ 6,682,138
62	48	249	950303	48249950303	9503.03	Census Tract 9503.03	\$ 120,982	1.6434	1.6434	\$ 198,816
63	48	249	950102	48249950102	9501.02	Census Tract 9501.02	\$ 52,788	76.7624	76.7624	\$ 4,052,133
64	48	249	950301	48249950301	9503.01	Census Tract 9503.01	\$ 51,544	3.4036	3.4036	\$ 175,434
65	48	249	950302	48249950302	9503.02	Census Tract 9503.02	\$ 59,219	0.8724	0.8724	\$ 51,664
66	48	391	950200	48391950200	9502	Census Tract 9502	\$ 45,991	185.9351	162.2058	\$ 7,460,008
67	48	025	950203	48025950203	9502.03	Census Tract 9502.03	\$ 53,446	143.3521	143.3521	\$ 7,661,598
68	48	025	950204	48025950204	9502.04	Census Tract 9502.04	\$ 70,056	184.4908	184.4908	\$ 12,924,689

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69	48	025	950502	48025950502	9505.02	Census Tract 9505.02	\$	28,229	2.1412	2.1412	\$	60,445
70	48	025	950501	48025950501	9505.01	Census Tract 9505.01	\$	49,427	1.5694	1.5694	\$	77,572
71	48	255	970100	48255970100	9701	Census Tract 9701	\$	81,855	310.2186	17.4085	\$	1,424,971
72	48	007	950301	48007950301	9503.01	Census Tract 9503.01	\$	40,274	4.0937	4.0937	\$	164,871
73	48	007	950503	48007950503	9505.03	Census Tract 9505.03	\$	92,969	25.2524	12.4321	\$	1,155,804
74	48	007	950101	48007950101	9501.01	Census Tract 9501.01	\$	62,455	304.6559	162.8384	\$	10,170,071
75	48	007	950102	48007950102	9501.02	Census Tract 9501.02	\$	58,606	38.8824	6.1230	\$	358,845
76	48	007	950502	48007950502	9505.02	Census Tract 9505.02	\$	59,826	7.1957	6.6461	\$	397,610
77	48	007	950302	48007950302	9503.02	Census Tract 9503.02	\$	83,821	2.3918	2.3918	\$	200,486
78	48	137	950300	48137950300	9503	Census Tract 9503	\$	40,809	2111.9341	899.2886	\$	36,699,069
79	48	273	020501	48273020501	205.01	Census Tract 205.01	\$	95,078	5.5047	5.5047	\$	523,377
80	48	273	020101	48273020101	201.01	Census Tract 201.01	\$	68,606	649.8488	540.8687	\$	37,106,840
81	48	273	020102	48273020102	201.02	Census Tract 201.02	\$	62,123	346.2524	346.2524	\$	21,510,236
82	48	273	020401	48273020401	204.01	Census Tract 204.01	\$	57,162	2.5196	2.5196	\$	144,025
83	48	273	020301	48273020301	203.01	Census Tract 203.01	\$	26,724	1.1847	1.1847	\$	31,660
84	48	273	020302	48273020302	203.02	Census Tract 203.02	\$	52,487	1.2541	1.2541	\$	65,824
85	48	255	970200	48255970200	9702	Census Tract 9702	\$	59,593	140.8321	44.3962	\$	2,645,703
86	48	019	000101	48019000101	1.01	Census Tract 1.01	\$	68,750	87.9978	38.9001	\$	2,674,384
87	48	409	010500	48409010500	105	Census Tract 105	\$	34,691	5.9056	5.9056	\$	204,870
88	48	409	010700	48409010700	107	Census Tract 107	\$	89,861	249.3125	248.7697	\$	22,354,691
89	48	409	010603	48409010603	106.03	Census Tract 106.03	\$	112,600	1.3255	1.3171	\$	148,305
90	48	409	010601	48409010601	106.01	Census Tract 106.01	\$	65,938	3.0870	2.8846	\$	190,206
91	48	409	011000	48409011000	110	Census Tract 110	\$	46,964	11.2763	11.2763	\$	529,583
92	48	409	010900	48409010900	109	Census Tract 109	\$	56,739	226.7743	225.3899	\$	12,788,396
93	48	409	011300	48409011300	113	Census Tract 113	\$	35,556	11.0082	11.0082	\$	391,407
94	48	409	011200	48409011200	112	Census Tract 112	\$	46,250	151.9469	151.9469	\$	7,027,546
95	48	247	950200	48247950200	9502	Census Tract 9502	\$	57,321	21.1205	21.1205	\$	1,210,648
96	48	355	990000	48355990000	9900	Census Tract 9900	\$	64,027	65.6801	0.0045	\$	285
97	48	355	003002	48355003002	30.02	Census Tract 30.02	\$	58,482	3.8459	3.2431	\$	189,664
98	48	355	003101	48355003101	31.01	Census Tract 31.01	\$	81,857	11.5208	2.4347	\$	199,300
99	48	131	950100	48131950100	9501	Census Tract 9501	\$	44,570	340.6935	340.6935	\$	15,184,709
100	48	131	950200	48131950200	9502	Census Tract 9502	\$	63,563	419.8160	419.8160	\$	26,684,764
101	48	029	152100	48029152100	1521	Census Tract 1521	\$	74,797	43.0715	10.7169	\$	801,590
102	48	355	006300	48355006300	63	Census Tract 63	\$	31,349	44.2002	16.2673	\$	509,963
103	48	355	006400	48355006400	64	Census Tract 64	\$	28,241	1.6028	1.3377	\$	37,777
104	48	047	950200	48047950200	9502	Census Tract 9502	\$	37,757	5.0201	5.0201	\$	189,546
105	48	047	950100	48047950100	9501	Census Tract 9501	\$	20,247	939.6773	254.0556	\$	5,143,865
106	48	029	152202	48029152202	1522.02	Census Tract 1522.02	\$	54,176	28.9472	6.1525	\$	333,318
107	48	247	950400	48247950400	9504	Census Tract 9504	\$	40,152	1116.3283	245.5445	\$	9,859,102
108	48	297	950100	48297950100	9501	Census Tract 9501	\$	44,380	468.6688	468.6688	\$	20,799,521
109	48	297	950200	48297950200	9502	Census Tract 9502	\$	42,315	3.0201	3.0201	\$	127,794
110	48	297	950400	48297950400	9504	Census Tract 9504	\$	65,682	85.2983	85.2983	\$	5,602,563
111	48	297	950300	48297950300	9503	Census Tract 9503	\$	66,611	520.0649	520.0649	\$	34,642,041
112	48	409	011100	48409011100	111	Census Tract 111	\$	56,250	3.4991	3.4991	\$	196,822
113	48	127	950400	48127950400	9504	Census Tract 9504	\$	30,313	897.9962	868.5734	\$	26,329,065
114	48	255	970301	48255970301	9703.01	Census Tract 9703.01	\$	60,096	120.3323	30.2361	\$	1,817,066
115	48	255	970302	48255970302	9703.02	Census Tract 9703.02	\$	57,798	66.7033	11.8751	\$	686,359
116	48	355	002706	48355002706	27.06	Census Tract 27.06	\$	64,027	0.5506	0.3833	\$	24,544
117	48	029	152201	48029152201	1522.01	Census Tract 1522.01	\$	41,466	32.1721	9.3502	\$	387,715
118	48	029	162004	48029162004	1620.04	Census Tract 1620.04	\$	61,412	21.1972	0.9989	\$	61,344
119	48	029	162003	48029162003	1620.03	Census Tract 1620.03	\$	72,448	17.4878	0.8475	\$	61,399
120	48	025	950201	48025950201	9502.01	Census Tract 9502.01	\$	86,765	149.6773	149.6773	\$	12,986,747
121	48	391	950400	48391950400	9504	Census Tract 9504	\$	57,007	630.9586	517.1016	\$	29,478,413
122	48	175	960200	48175960200	9602	Census Tract 9602	\$	54,131	605.3973	324.9223	\$	17,588,367
123	48	131	950500	48131950500	9505	Census Tract 9505	\$	55,865	1034.3887	1034.3887	\$	57,786,124
124	48	325	000402	48325000402	4.02	Census Tract 4.02	\$	70,724	76.5982	76.5982	\$	5,417,330
125	48	325	000101	48325000101	1.01	Census Tract 1.01	\$	78,634	54.4063	34.5688	\$	2,718,285
126	48	325	000401	48325000401	4.01	Census Tract 4.01	\$	68,880	34.8334	34.8334	\$	2,399,326
127	48	013	960401	48013960401	9604.01	Census Tract 9604.01	\$	58,438	20.4102	20.4102	\$	1,192,734
128	48	355	002200	48355002200	22	Census Tract 22	\$	52,500	0.9226	0.9226	\$	48,434
129	48	355	003202	48355003202	32.02	Census Tract 32.02	\$	93,142	3.9303	3.0114	\$	280,488
130	48	355	005801	48355005801	58.01	Census Tract 58.01	\$	120,450	5.5144	5.5144	\$	664,213
131	48	355	006000	48355006000	60	Census Tract 60	\$	46,422	153.2634	153.2634	\$	7,114,796
132	48	355	000700	48355000700	7	Census Tract 7	\$	40,521	2.2362	2.2362	\$	90,615
133	48	355	003500	48355003500	35	Census Tract 35	\$	65,046	8.8358	8.8358	\$	574,737
134	48	355	002900	48355002900	29	Census Tract 29	\$	77,500	7.3702	4.7046	\$	364,605
135	48	493	000201	48493000201	2.01	Census Tract 2.01	\$	70,536	40.0356	5.0217	\$	354,214
136	48	493	000600	48493000600	6	Census Tract 6	\$	80,511	167.8167	35.1027	\$	2,826,152
137	48	493	000202	48493000202	2.02	Census Tract 2.02	\$	76,518	133.6837	54.1939	\$	4,146,811

AMHI Calculation

138	48	463	950100	48463950100	9501	Census Tract 9501	\$	50,189	423.3693	423.3693	\$	21,248,483
139	48	463	950500	48463950500	9505	Census Tract 9505	\$	41,417	5.4279	5.4279	\$	224,806
140	48	463	950400	48463950400	9504	Census Tract 9504	\$	63,913	2.1361	2.1361	\$	136,522
141	48	463	950300	48463950300	9503	Census Tract 9503	\$	39,211	3.1819	3.1819	\$	124,766
142	48	019	000200	48019000200	2	Census Tract 2	\$	68,053	475.4954	212.6212	\$	14,469,508
143	48	013	960500	48013960500	9605	Census Tract 9605	\$	50,938	267.2580	267.2580	\$	13,613,589
144	48	013	960300	48013960300	9603	Census Tract 9603	\$	59,554	8.7209	8.7209	\$	519,363
145	48	409	010202	48409010202	102.02	Census Tract 102.02	\$	56,654	4.9787	4.9787	\$	282,065
146	48	409	010302	48409010302	103.02	Census Tract 103.02	\$	87,500	12.2709	11.9417	\$	1,044,899
147	48	409	010301	48409010301	103.01	Census Tract 103.01	\$	62,566	10.9050	10.9050	\$	682,282
148	48	409	010201	48409010201	102.01	Census Tract 102.01	\$	66,458	3.3574	3.2329	\$	214,853
149	48	261	950100	48261950100	9501	Census Tract 9501	\$	45,455	1795.5727	179.1735	\$	8,144,330
150	48	273	990000	48273990000	9900	Census Tract 9900	\$	52,487	76.8370	0.3672	\$	19,274
151	48	355	005407	48355005407	54.07	Census Tract 54.07	\$	98,621	0.6256	0.6147	\$	60,621
152	48	355	005408	48355005408	54.08	Census Tract 54.08	\$	56,375	0.5445	0.5445	\$	30,695
153	48	355	005410	48355005410	54.10	Census Tract 54.10	\$	63,482	0.4990	0.4990	\$	31,676
154	48	355	002601	48355002601	26.01	Census Tract 26.01	\$	46,268	0.5175	0.5145	\$	23,803
155	48	355	003602	48355003602	36.02	Census Tract 36.02	\$	75,967	3.1493	3.1493	\$	239,246
156	48	355	005406	48355005406	54.06	Census Tract 54.06	\$	130,625	160.5983	153.9724	\$	20,112,649
157	48	355	002705	48355002705	27.05	Census Tract 27.05	\$	83,064	1.5890	1.5241	\$	126,595
158	48	355	000800	48355000800	8	Census Tract 8	\$	39,952	20.2208	20.2208	\$	807,863
159	48	479	001815	48479001815	18.15	Census Tract 18.15	\$	52,321	513.4071	340.8501	\$	17,833,617
160	48	029	161902	48029161902	1619.02	Census Tract 1619.02	\$	75,036	48.1787	4.9197	\$	369,151
161	48	355	003004	48355003004	30.04	Census Tract 30.04	\$	30,857	5.1923	1.4233	\$	43,919
162	48	355	005605	48355005605	56.05	Census Tract 56.05	\$	34,605	1.8602	1.8602	\$	64,373
163	48	355	000602	48355000602	6.02	Census Tract 6.02	\$	41,613	1.4734	1.4734	\$	61,314
164	48	355	005803	48355005803	58.03	Census Tract 58.03	\$	82,734	118.0010	118.0010	\$	9,762,698
165	48	355	006205	48355006205	62.05	Census Tract 62.05	\$	64,027	222.8825	43.2447	\$	2,768,831
166	48	355	005103	48355005103	51.03	Census Tract 51.03	\$	88,519	6.2771	5.0587	\$	447,789
167	48	355	005104	48355005104	51.04	Census Tract 51.04	\$	60,586	2.1568	1.2654	\$	76,667
168	48	355	006201	48355006201	62.01	Census Tract 62.01	\$	129,625	1.0718	1.0002	\$	129,651
169	48	355	005804	48355005804	58.04	Census Tract 58.04	\$	96,771	41.8802	41.8802	\$	4,052,789
170	48	355	006203	48355006203	62.03	Census Tract 62.03	\$	139,130	0.8949	0.8949	\$	124,505
171	48	355	003205	48355003205	32.05	Census Tract 32.05	\$	51,382	0.3389	0.3389	\$	17,413
172	48	355	003206	48355003206	32.06	Census Tract 32.06	\$	49,480	0.6233	0.6233	\$	30,841
173	48	355	002707	48355002707	27.07	Census Tract 27.07	\$	49,394	0.3768	0.3768	\$	18,612
174	48	355	002708	48355002708	27.08	Census Tract 27.08	\$	80,881	2.7207	0.8429	\$	68,178
175	48	355	005603	48355005603	56.03	Census Tract 56.03	\$	64,027	2.4020	2.4020	\$	153,791
176	48	355	005604	48355005604	56.04	Census Tract 56.04	\$	48,828	2.7316	2.7316	\$	133,379
177	48	355	005606	48355005606	56.06	Census Tract 56.06	\$	64,027	4.3470	4.3470	\$	278,322
178	48	355	001703	48355001703	17.03	Census Tract 17.03	\$	28,716	0.7501	0.7501	\$	21,540
179	48	355	001202	48355001202	12.02	Census Tract 12.02	\$	30,021	0.4905	0.4903	\$	14,720
180	48	355	001201	48355001201	12.01	Census Tract 12.01	\$	41,868	0.3215	0.3215	\$	13,461
181	48	355	003003	48355003003	30.03	Census Tract 30.03	\$	62,596	0.9822	0.2586	\$	16,190
182	48	355	001905	48355001905	19.05	Census Tract 19.05	\$	51,750	0.7284	0.7284	\$	37,693
183	48	355	006204	48355006204	62.04	Census Tract 62.04	\$	115,286	2.6819	1.4773	\$	170,308
184	48	355	006202	48355006202	62.02	Census Tract 62.02	\$	115,455	2.8705	1.0918	\$	126,059
185	48	355	001906	48355001906	19.06	Census Tract 19.06	\$	73,905	0.9979	0.9979	\$	73,753
186	48	355	000601	48355000601	6.01	Census Tract 6.01	\$	44,289	0.9648	0.9648	\$	42,728
187	48	355	001704	48355001704	17.04	Census Tract 17.04	\$	41,389	0.5602	0.5602	\$	23,186
188	48	127	950202	48127950202	9502.02	Census Tract 9502.02	\$	27,374	429.9685	287.2125	\$	7,862,156
189	48	127	950201	48127950201	9502.01	Census Tract 9502.01	\$	26,104	4.1185	4.1185	\$	107,511
190	48	463	950201	48463950201	9502.01	Census Tract 9502.01	\$	67,917	896.3574	896.3574	\$	60,877,902
191	48	463	950202	48463950202	9502.02	Census Tract 9502.02	\$	57,109	223.2506	223.2506	\$	12,749,621
192	48	355	002102	48355002102	21.02	Census Tract 21.02	\$	98,906	0.9189	0.9119	\$	90,188
193	48	355	003304	48355003304	33.04	Census Tract 33.04	\$	60,781	1.0008	1.0008	\$	60,832
194	48	355	003102	48355003102	31.02	Census Tract 31.02	\$	89,402	6.0094	5.3875	\$	481,654
195	48	355	005415	48355005415	54.15	Census Tract 54.15	\$	93,632	1.0360	1.0360	\$	96,998
196	48	355	005411	48355005411	54.11	Census Tract 54.11	\$	73,438	0.5085	0.5085	\$	37,342
197	48	355	005413	48355005413	54.13	Census Tract 54.13	\$	71,208	0.4637	0.4637	\$	33,022
198	48	007	990000	48007990000	9900	Census Tract 9900	\$	58,168	61.9188	0.0035	\$	205
199	48	507	950100	48507950100	9501	Census Tract 9501	\$	35,132	430.1777	430.1777	\$	15,113,003
200	48	507	950301	48507950301	9503.01	Census Tract 9503.01	\$	49,861	632.4434	632.4434	\$	31,534,261
201	48	507	950302	48507950302	9503.02	Census Tract 9503.02	\$	57,222	7.5436	7.5436	\$	431,659
202	48	507	950200	48507950200	9502	Census Tract 9502	\$	38,063	228.2932	228.2932	\$	8,689,524
203	48	355	005416	48355005416	54.16	Census Tract 54.16	\$	140,268	1.3664	1.2877	\$	180,618
204	48	025	950600	48025950600	9506	Census Tract 9506	\$	46,324	159.6773	159.6773	\$	7,396,890
205	48	025	950300	48025950300	9503	Census Tract 9503	\$	62,083	4.0784	4.0784	\$	253,199
206	48	025	950100	48025950100	9501	Census Tract 9501	\$	62,917	231.9181	231.9181	\$	14,591,591

AMHI Calculation

207	48	025	950400	48025950400	9504	Census Tract 9504	\$	41,563	1.8361	1.8361	\$	76,315	
208	48	479	001813	48479001813	18.13	Census Tract 18.13	\$	50,408	508.1708	101.0451	\$	5,093,480	
209	48	479	001710	48479001710	17.10	Census Tract 17.10	\$	77,904	2190.9619	1276.7011	\$	99,460,125	
210	48	355	000500	48355000500	5	Census Tract 5	\$	28,816	0.4557	0.4557	\$	13,131	
211	48	355	002301	48355002301	23.01	Census Tract 23.01	\$	47,319	0.7656	0.7656	\$	36,228	
212	48	355	002303	48355002303	23.03	Census Tract 23.03	\$	57,911	0.7301	0.7301	\$	42,279	
213	48	355	002304	48355002304	23.04	Census Tract 23.04	\$	65,278	1.0028	1.0028	\$	65,458	
214	48	355	002400	48355002400	24	Census Tract 24	\$	49,877	1.5836	1.5836	\$	78,983	
215	48	355	000900	48355000900	9	Census Tract 9	\$	36,331	0.6539	0.6539	\$	23,758	
216	48	355	001000	48355001000	10	Census Tract 10	\$	23,380	0.5197	0.5197	\$	12,150	
217	48	355	001100	48355001100	11	Census Tract 11	\$	23,611	0.7541	0.7541	\$	17,804	
218	48	355	002500	48355002500	25	Census Tract 25	\$	92,218	1.0169	1.0160	\$	93,697	
219	48	355	002703	48355002703	27.03	Census Tract 27.03	\$	59,777	1.1538	1.1538	\$	68,973	
220	48	355	005417	48355005417	54.17	Census Tract 54.17	\$	98,580	3.1252	2.8053	\$	276,546	
221	48	355	006100	48355006100	61	Census Tract 61	\$	54,808	4.8938	4.8938	\$	268,218	
222	48	355	005900	48355005900	59	Census Tract 59	\$	39,451	171.5343	171.5343	\$	6,767,202	
223	48	355	003402	48355003402	34.02	Census Tract 34.02	\$	58,404	1.0081	1.0081	\$	58,877	
224	48	355	001500	48355001500	15	Census Tract 15	\$	17,474	0.6612	0.6612	\$	11,553	
225	48	355	001300	48355001300	13	Census Tract 13	\$	39,000	0.6133	0.6133	\$	23,918	
226	48	355	001400	48355001400	14	Census Tract 14	\$	106,222	1.0024	0.9996	\$	106,184	
227	48	355	001601	48355001601	16.01	Census Tract 16.01	\$	37,869	0.6198	0.6198	\$	23,473	
228	48	355	001602	48355001602	16.02	Census Tract 16.02	\$	51,457	0.5852	0.5852	\$	30,112	
229	48	355	001801	48355001801	18.01	Census Tract 18.01	\$	42,878	1.2629	1.2629	\$	54,150	
230	48	355	003401	48355003401	34.01	Census Tract 34.01	\$	59,595	0.7256	0.7256	\$	43,245	
231	48	355	003601	48355003601	36.01	Census Tract 36.01	\$	71,228	2.4509	2.4509	\$	174,570	
232	48	355	001802	48355001802	18.02	Census Tract 18.02	\$	55,962	1.7377	1.7377	\$	97,244	
233	48	355	003603	48355003603	36.03	Census Tract 36.03	\$	85,705	5.9591	5.9591	\$	510,721	
234	48	325	000200	48325000200	2	Census Tract 2	\$	74,861	442.1025	442.1025	\$	33,096,233	
235	48	325	000500	48325000500	5	Census Tract 5	\$	61,338	176.6357	176.6357	\$	10,834,483	
236	48	249	950700	48249950700	9507	Census Tract 9507	\$	46,674	149.8556	149.8556	\$	6,994,358	
237	48	249	950400	48249950400	9504	Census Tract 9504	\$	42,467	2.6526	2.6526	\$	112,649	
238	48	249	950500	48249950500	9505	Census Tract 9505	\$	27,292	7.2081	7.2081	\$	196,723	
239	48	249	950600	48249950600	9506	Census Tract 9506	\$	37,656	1.0385	1.0385	\$	39,105	
240	48	409	010602	48409010602	106.02	Census Tract 106.02	\$	77,383	3.1619	3.1619	\$	244,680	
241	48	409	010604	48409010604	106.04	Census Tract 106.04	\$	78,113	1.5177	1.4623	\$	114,221	
242	48	409	010800	48409010800	108	Census Tract 108	\$	52,148	6.7290	6.7290	\$	350,904	
											24051.7896	\$	1,382,908,321
												\$	57,497

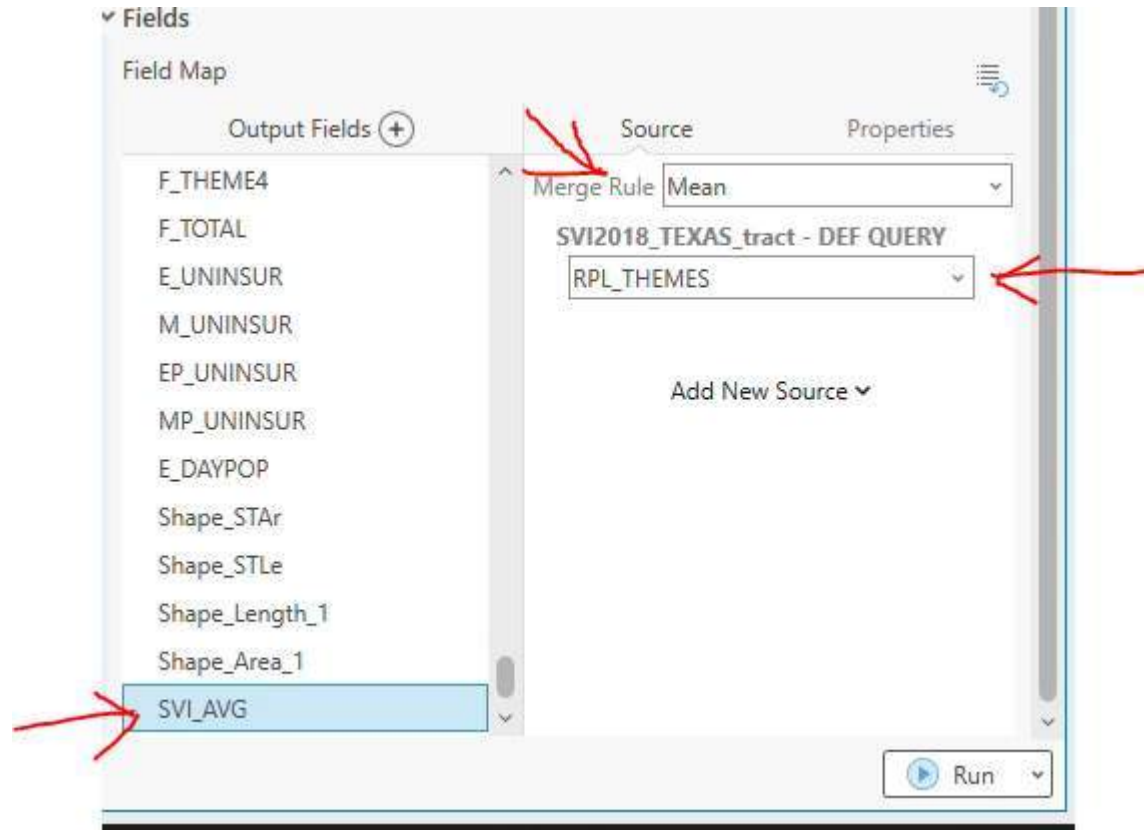
Overall Calculation –Average of SVI based on Census Tract and FMX Project Area Overlap

Used spatial join tool to calculate the mean SVI for a given FME or FMS project. This was the same method used for the FMP's (which was a required field per TWDB guidelines). All overlapping tracts with the FMX were selected and those Tract SVI's were averaged for this calculation.

Link to TWDB guidance document, page 66:

https://www.twdb.texas.gov/flood/planning/planningdocu/2023/doc/05_Exhibit_D_DataSubmittalGuidelines_July2021.pdf

EXAMPLE screenshot of Spatial Join tool criteria (RPL_THEMES = SVI)



Example of equation

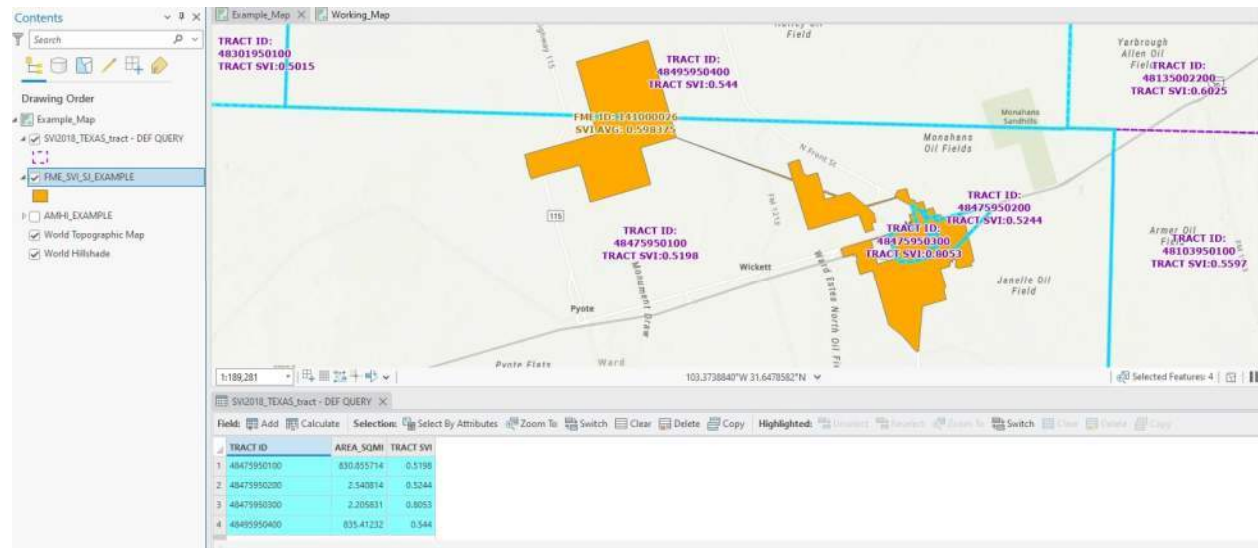
EXAMPLE FOR FME ID 141000026

It overlaps 4 2018 Census Tracts (see table below)

TRACT_ID	TRACT_SVI
48475950100	0.5198
48475950200	0.5244
48475950300	0.8053
48495950400	0.544

$(0.5198 + 0.5244 + 0.8053 + 0.544) / 4 = 0.598375$

Screenshot from ArcPro



Datasets

- 2020 CDC SVI Census Tract dataset found here on the Central TX GIS Data Library:
<Q:\Statewide Data\TX\TX Water Development Board TWDB\GDB\Statewide Flood Plan Data 20240229\CDC SVI From TWDB Project>

Link to CDC website: https://www.atsdr.cdc.gov/placeandhealth/svi/interactive_map.html

SVI Calculation

OBJECTID	ST	STATE	ST_ABBR	STCNTY	COUNTY	FIPS	LOCATION	AREA_SQMI	SVI
1	48	Texas	TX	48007	Aransas	48007950101	Census Tract 9501.01, Aransas County, Texas	174.2563	0.56
2	48	Texas	TX	48007	Aransas	48007950102	Census Tract 9501.02, Aransas County, Texas	6.1042	0.41
3	48	Texas	TX	48007	Aransas	48007950103	Census Tract 9501.03, Aransas County, Texas	2.9744	0.04
4	48	Texas	TX	48007	Aransas	48007950200	Census Tract 9502, Aransas County, Texas	1.0373	0.16
5	48	Texas	TX	48007	Aransas	48007950301	Census Tract 9503.01, Aransas County, Texas	4.0886	0.74
6	48	Texas	TX	48007	Aransas	48007950302	Census Tract 9503.02, Aransas County, Texas	2.3913	0.25
7	48	Texas	TX	48007	Aransas	48007950400	Census Tract 9504, Aransas County, Texas	2.3323	0.90
8	48	Texas	TX	48007	Aransas	48007950501	Census Tract 9505.01, Aransas County, Texas	42.3751	0.58
9	48	Texas	TX	48007	Aransas	48007950502	Census Tract 9505.02, Aransas County, Texas	6.5649	0.82
10	48	Texas	TX	48007	Aransas	48007950503	Census Tract 9505.03, Aransas County, Texas	9.9448	0.19
11	48	Texas	TX	48013	Atascosa	48013960101	Census Tract 9601.01, Atascosa County, Texas	61.9059	0.60
12	48	Texas	TX	48013	Atascosa	48013960102	Census Tract 9601.02, Atascosa County, Texas	313.6103	0.50
13	48	Texas	TX	48013	Atascosa	48013960203	Census Tract 9602.03, Atascosa County, Texas	8.9366	0.71
14	48	Texas	TX	48013	Atascosa	48013960204	Census Tract 9602.04, Atascosa County, Texas	77.7419	0.37
15	48	Texas	TX	48013	Atascosa	48013960205	Census Tract 9602.05, Atascosa County, Texas	73.2512	0.74
16	48	Texas	TX	48013	Atascosa	48013960206	Census Tract 9602.06, Atascosa County, Texas	51.6486	0.57
17	48	Texas	TX	48013	Atascosa	48013960300	Census Tract 9603, Atascosa County, Texas	8.7051	0.66
18	48	Texas	TX	48013	Atascosa	48013960401	Census Tract 9604.01, Atascosa County, Texas	20.4624	0.58
19	48	Texas	TX	48013	Atascosa	48013960403	Census Tract 9604.03, Atascosa County, Texas	4.9457	0.72
20	48	Texas	TX	48013	Atascosa	48013960404	Census Tract 9604.04, Atascosa County, Texas	17.0488	0.39
21	48	Texas	TX	48013	Atascosa	48013960500	Census Tract 9605, Atascosa County, Texas	267.6614	0.75
22	48	Texas	TX	48013	Atascosa	48013960601	Census Tract 9606.01, Atascosa County, Texas	48.2721	0.83
23	48	Texas	TX	48013	Atascosa	48013960602	Census Tract 9606.02, Atascosa County, Texas	265.3505	0.52
24	48	Texas	TX	48019	Bandera	48019000101	Census Tract 1.01, Bandera County, Texas	87.9596	0.48
25	48	Texas	TX	48019	Bandera	48019000103	Census Tract 1.03, Bandera County, Texas	88.8084	0.69
26	48	Texas	TX	48019	Bandera	48019000200	Census Tract 2, Bandera County, Texas	476.0384	0.48
27	48	Texas	TX	48019	Bandera	48019000301	Census Tract 3.01, Bandera County, Texas	34.3935	0.40
28	48	Texas	TX	48025	Bee	48025950100	Census Tract 9501, Bee County, Texas	232.3678	0.50
29	48	Texas	TX	48025	Bee	48025950201	Census Tract 9502.01, Bee County, Texas	149.9202	0.43
30	48	Texas	TX	48025	Bee	48025950203	Census Tract 9502.03, Bee County, Texas	143.6043	0.50
31	48	Texas	TX	48025	Bee	48025950204	Census Tract 9502.04, Bee County, Texas	184.8171	0.43
32	48	Texas	TX	48025	Bee	48025950300	Census Tract 9503, Bee County, Texas	4.0858	0.77
33	48	Texas	TX	48025	Bee	48025950400	Census Tract 9504, Bee County, Texas	1.8394	0.87
34	48	Texas	TX	48025	Bee	48025950501	Census Tract 9505.01, Bee County, Texas	1.5722	0.84
35	48	Texas	TX	48025	Bee	48025950502	Census Tract 9505.02, Bee County, Texas	2.1450	0.80
36	48	Texas	TX	48025	Bee	48025950600	Census Tract 9506, Bee County, Texas	159.8871	0.58
37	48	Texas	TX	48029	Bexar	48029152100	Census Tract 1521, Bexar County, Texas	43.1102	0.86
38	48	Texas	TX	48029	Bexar	48029152201	Census Tract 1522.01, Bexar County, Texas	31.8569	0.88
39	48	Texas	TX	48029	Bexar	48029152202	Census Tract 1522.02, Bexar County, Texas	28.8986	0.56
40	48	Texas	TX	48029	Bexar	48029161902	Census Tract 1619.02, Bexar County, Texas	47.6016	0.57
41	48	Texas	TX	48029	Bexar	48029162003	Census Tract 1620.03, Bexar County, Texas	17.4978	0.67
42	48	Texas	TX	48029	Bexar	48029162004	Census Tract 1620.04, Bexar County, Texas	21.0310	0.85
43	48	Texas	TX	48047	Brooks	48047950100	Census Tract 9501, Brooks County, Texas	938.3372	0.81
44	48	Texas	TX	48047	Brooks	48047950200	Census Tract 9502, Brooks County, Texas	5.0169	0.74
45	48	Texas	TX	48057	Calhoun	48057000502	Census Tract 5.02, Calhoun County, Texas	181.6214	0.78
46	48	Texas	TX	48127	Dimmit	48127950201	Census Tract 9502.01, Dimmit County, Texas	4.1157	0.96
47	48	Texas	TX	48127	Dimmit	48127950202	Census Tract 9502.02, Dimmit County, Texas	429.5344	0.77
48	48	Texas	TX	48127	Dimmit	48127950400	Census Tract 9504, Dimmit County, Texas	895.2342	0.92
49	48	Texas	TX	48131	Duval	48131950100	Census Tract 9501, Duval County, Texas	340.0638	0.94
50	48	Texas	TX	48131	Duval	48131950200	Census Tract 9502, Duval County, Texas	419.4122	0.80
51	48	Texas	TX	48131	Duval	48131950500	Census Tract 9505, Duval County, Texas	1034.0006	0.63
52	48	Texas	TX	48137	Edwards	48137950300	Census Tract 9503, Edwards County, Texas	2117.8711	0.54
53	48	Texas	TX	48163	Frio	48163950101	Census Tract 9501.01, Frio County, Texas	204.8787	0.39
54	48	Texas	TX	48163	Frio	48163950102	Census Tract 9501.02, Frio County, Texas	346.0328	0.80
55	48	Texas	TX	48163	Frio	48163950201	Census Tract 9502.01, Frio County, Texas	215.8299	0.83
56	48	Texas	TX	48163	Frio	48163950202	Census Tract 9502.02, Frio County, Texas	157.2640	0.74
57	48	Texas	TX	48163	Frio	48163950301	Census Tract 9503.01, Frio County, Texas	179.5703	0.89
58	48	Texas	TX	48163	Frio	48163950302	Census Tract 9503.02, Frio County, Texas	29.9245	0.86
59	48	Texas	TX	48175	Goliad	48175960200	Census Tract 9602, Goliad County, Texas	603.6148	0.53
60	48	Texas	TX	48247	Jim Hogg	48247950200	Census Tract 9502, Jim Hogg County, Texas	21.1126	0.83
61	48	Texas	TX	48247	Jim Hogg	48247950400	Census Tract 9504, Jim Hogg County, Texas	1115.0600	0.92
62	48	Texas	TX	48249	Jim Wells	48249950101	Census Tract 9501.01, Jim Wells County, Texas	246.4765	0.56
63	48	Texas	TX	48249	Jim Wells	48249950102	Census Tract 9501.02, Jim Wells County, Texas	74.5866	0.49

SVI Calculation

64	48	Texas	TX	48249	Jim Wells	48249950201	Census Tract 9502.01, Jim Wells County, Texas	183.1518	0.62
65	48	Texas	TX	48249	Jim Wells	48249950202	Census Tract 9502.02, Jim Wells County, Texas	194.4016	0.66
66	48	Texas	TX	48249	Jim Wells	48249950301	Census Tract 9503.01, Jim Wells County, Texas	3.4053	0.62
67	48	Texas	TX	48249	Jim Wells	48249950302	Census Tract 9503.02, Jim Wells County, Texas	0.8729	0.61
68	48	Texas	TX	48249	Jim Wells	48249950303	Census Tract 9503.03, Jim Wells County, Texas	1.6387	0.05
69	48	Texas	TX	48249	Jim Wells	48249950400	Census Tract 9504, Jim Wells County, Texas	2.6542	0.60
70	48	Texas	TX	48249	Jim Wells	48249950500	Census Tract 9505, Jim Wells County, Texas	7.2117	0.74
71	48	Texas	TX	48249	Jim Wells	48249950600	Census Tract 9506, Jim Wells County, Texas	1.0390	0.89
72	48	Texas	TX	48249	Jim Wells	48249950700	Census Tract 9507, Jim Wells County, Texas	149.7372	0.69
73	48	Texas	TX	48255	Karnes	48255970100	Census Tract 9701, Karnes County, Texas	307.8372	0.17
74	48	Texas	TX	48255	Karnes	48255970200	Census Tract 9702, Karnes County, Texas	140.3153	0.75
75	48	Texas	TX	48255	Karnes	48255970301	Census Tract 9703.01, Karnes County, Texas	120.0840	0.36
76	48	Texas	TX	48255	Karnes	48255970302	Census Tract 9703.02, Karnes County, Texas	66.2435	0.83
77	48	Texas	TX	48261	Kenedy	48261950100	Census Tract 9501, Kenedy County, Texas	1458.5612	0.71
78	48	Texas	TX	48265	Kerr	48265960301	Census Tract 9603.01, Kerr County, Texas	331.4388	0.57
79	48	Texas	TX	48271	Kinney	48271950100	Census Tract 9501, Kinney County, Texas	1360.5328	0.60
80	48	Texas	TX	48273	Kleberg	48273020101	Census Tract 201.01, Kleberg County, Texas	519.1504	0.55
81	48	Texas	TX	48273	Kleberg	48273020102	Census Tract 201.02, Kleberg County, Texas	344.7645	0.84
82	48	Texas	TX	48273	Kleberg	48273020200	Census Tract 202, Kleberg County, Texas	2.5775	1.00
83	48	Texas	TX	48273	Kleberg	48273020301	Census Tract 203.01, Kleberg County, Texas	1.1848	0.74
84	48	Texas	TX	48273	Kleberg	48273020302	Census Tract 203.02, Kleberg County, Texas	1.2542	0.78
85	48	Texas	TX	48273	Kleberg	48273020401	Census Tract 204.01, Kleberg County, Texas	2.5004	0.45
86	48	Texas	TX	48273	Kleberg	48273020402	Census Tract 204.02, Kleberg County, Texas	3.1156	0.78
87	48	Texas	TX	48273	Kleberg	48273020501	Census Tract 205.01, Kleberg County, Texas	5.4766	0.18
88	48	Texas	TX	48273	Kleberg	48273020502	Census Tract 205.02, Kleberg County, Texas	1.2817	0.83
89	48	Texas	TX	48283	La Salle	48283950301	Census Tract 9503.01, La Salle County, Texas	3.4707	0.87
90	48	Texas	TX	48283	La Salle	48283950302	Census Tract 9503.02, La Salle County, Texas	1483.2327	0.59
91	48	Texas	TX	48297	Live Oak	48297950100	Census Tract 9501, Live Oak County, Texas	450.7672	0.66
92	48	Texas	TX	48297	Live Oak	48297950200	Census Tract 9502, Live Oak County, Texas	3.0251	0.94
93	48	Texas	TX	48297	Live Oak	48297950300	Census Tract 9503, Live Oak County, Texas	519.0014	0.30
94	48	Texas	TX	48297	Live Oak	48297950400	Census Tract 9504, Live Oak County, Texas	66.9005	0.41
95	48	Texas	TX	48311	McMullen	48311950100	Census Tract 9501, McMullen County, Texas	1139.7988	0.62
96	48	Texas	TX	48323	Maverick	48323950207	Census Tract 9502.07, Maverick County, Texas	441.2564	0.90
97	48	Texas	TX	48323	Maverick	48323950701	Census Tract 9507.01, Maverick County, Texas	553.9308	0.86
98	48	Texas	TX	48325	Medina	48325000101	Census Tract 1.01, Medina County, Texas	54.2524	0.44
99	48	Texas	TX	48325	Medina	48325000103	Census Tract 1.03, Medina County, Texas	71.4071	0.40
100	48	Texas	TX	48325	Medina	48325000104	Census Tract 1.04, Medina County, Texas	75.2005	0.14
101	48	Texas	TX	48325	Medina	48325000200	Census Tract 2, Medina County, Texas	441.3684	0.14
102	48	Texas	TX	48325	Medina	48325000301	Census Tract 3.01, Medina County, Texas	170.8752	0.17
103	48	Texas	TX	48325	Medina	48325000302	Census Tract 3.02, Medina County, Texas	137.3870	0.49
104	48	Texas	TX	48325	Medina	48325000401	Census Tract 4.01, Medina County, Texas	34.8483	0.64
105	48	Texas	TX	48325	Medina	48325000402	Census Tract 4.02, Medina County, Texas	76.3257	0.59
106	48	Texas	TX	48325	Medina	48325000500	Census Tract 5, Medina County, Texas	176.5377	0.62
107	48	Texas	TX	48325	Medina	48325000801	Census Tract 8.01, Medina County, Texas	74.8339	0.46
108	48	Texas	TX	48325	Medina	48325000802	Census Tract 8.02, Medina County, Texas	12.3231	0.91
109	48	Texas	TX	48355	Nueces	48355000500	Census Tract 5, Nueces County, Texas	0.4560	0.78
110	48	Texas	TX	48355	Nueces	48355000601	Census Tract 6.01, Nueces County, Texas	0.9654	0.65
111	48	Texas	TX	48355	Nueces	48355000602	Census Tract 6.02, Nueces County, Texas	1.4744	0.57
112	48	Texas	TX	48355	Nueces	48355000700	Census Tract 7, Nueces County, Texas	2.2377	0.94
113	48	Texas	TX	48355	Nueces	48355000800	Census Tract 8, Nueces County, Texas	20.2325	0.93
114	48	Texas	TX	48355	Nueces	48355000900	Census Tract 9, Nueces County, Texas	0.6543	0.63
115	48	Texas	TX	48355	Nueces	48355001000	Census Tract 10, Nueces County, Texas	0.5200	0.98
116	48	Texas	TX	48355	Nueces	48355001100	Census Tract 11, Nueces County, Texas	0.7545	0.93
117	48	Texas	TX	48355	Nueces	48355001201	Census Tract 12.01, Nueces County, Texas	0.3217	0.68
118	48	Texas	TX	48355	Nueces	48355001202	Census Tract 12.02, Nueces County, Texas	0.4908	0.89
119	48	Texas	TX	48355	Nueces	48355001300	Census Tract 13, Nueces County, Texas	0.6136	0.87
120	48	Texas	TX	48355	Nueces	48355001400	Census Tract 14, Nueces County, Texas	1.0030	0.38
121	48	Texas	TX	48355	Nueces	48355001500	Census Tract 15, Nueces County, Texas	0.6616	0.94
122	48	Texas	TX	48355	Nueces	48355001601	Census Tract 16.01, Nueces County, Texas	0.6202	0.65
123	48	Texas	TX	48355	Nueces	48355001602	Census Tract 16.02, Nueces County, Texas	0.5855	0.73
124	48	Texas	TX	48355	Nueces	48355001702	Census Tract 17.02, Nueces County, Texas	3.4157	0.70
125	48	Texas	TX	48355	Nueces	48355001703	Census Tract 17.03, Nueces County, Texas	0.7505	0.79
126	48	Texas	TX	48355	Nueces	48355001704	Census Tract 17.04, Nueces County, Texas	0.5605	0.92
127	48	Texas	TX	48355	Nueces	48355001801	Census Tract 18.01, Nueces County, Texas	1.2636	0.82
128	48	Texas	TX	48355	Nueces	48355001802	Census Tract 18.02, Nueces County, Texas	1.7385	0.64

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129	48	Texas	TX	48355	Nueces	48355001903	Census Tract 19.03, Nueces County, Texas	0.5546	0.83
130	48	Texas	TX	48355	Nueces	48355001904	Census Tract 19.04, Nueces County, Texas	0.5832	0.89
131	48	Texas	TX	48355	Nueces	48355001905	Census Tract 19.05, Nueces County, Texas	0.7287	0.60
132	48	Texas	TX	48355	Nueces	48355001906	Census Tract 19.06, Nueces County, Texas	0.9984	0.54
133	48	Texas	TX	48355	Nueces	48355002001	Census Tract 20.01, Nueces County, Texas	0.6527	0.73
134	48	Texas	TX	48355	Nueces	48355002002	Census Tract 20.02, Nueces County, Texas	0.5061	0.82
135	48	Texas	TX	48355	Nueces	48355002101	Census Tract 21.01, Nueces County, Texas	0.6622	0.55
136	48	Texas	TX	48355	Nueces	48355002102	Census Tract 21.02, Nueces County, Texas	0.9195	0.22
137	48	Texas	TX	48355	Nueces	48355002200	Census Tract 22, Nueces County, Texas	0.9230	0.62
138	48	Texas	TX	48355	Nueces	48355002301	Census Tract 23.01, Nueces County, Texas	0.7660	0.58
139	48	Texas	TX	48355	Nueces	48355002303	Census Tract 23.03, Nueces County, Texas	0.7304	0.66
140	48	Texas	TX	48355	Nueces	48355002304	Census Tract 23.04, Nueces County, Texas	1.0032	0.62
141	48	Texas	TX	48355	Nueces	48355002400	Census Tract 24, Nueces County, Texas	1.5843	0.69
142	48	Texas	TX	48355	Nueces	48355002500	Census Tract 25, Nueces County, Texas	1.0175	0.44
143	48	Texas	TX	48355	Nueces	48355002601	Census Tract 26.01, Nueces County, Texas	0.5177	0.44
144	48	Texas	TX	48355	Nueces	48355002602	Census Tract 26.02, Nueces County, Texas	0.5019	0.47
145	48	Texas	TX	48355	Nueces	48355002603	Census Tract 26.03, Nueces County, Texas	0.5028	0.59
146	48	Texas	TX	48355	Nueces	48355002703	Census Tract 27.03, Nueces County, Texas	1.1544	0.37
147	48	Texas	TX	48355	Nueces	48355002705	Census Tract 27.05, Nueces County, Texas	1.5617	0.43
148	48	Texas	TX	48355	Nueces	48355002706	Census Tract 27.06, Nueces County, Texas	0.5509	
149	48	Texas	TX	48355	Nueces	48355002707	Census Tract 27.07, Nueces County, Texas	0.3770	0.21
150	48	Texas	TX	48355	Nueces	48355002708	Census Tract 27.08, Nueces County, Texas	0.8602	0.56
151	48	Texas	TX	48355	Nueces	48355002900	Census Tract 29, Nueces County, Texas	4.6697	0.17
152	48	Texas	TX	48355	Nueces	48355003002	Census Tract 30.02, Nueces County, Texas	3.2755	0.66
153	48	Texas	TX	48355	Nueces	48355003003	Census Tract 30.03, Nueces County, Texas	0.2645	0.66
154	48	Texas	TX	48355	Nueces	48355003004	Census Tract 30.04, Nueces County, Texas	1.3672	0.83
155	48	Texas	TX	48355	Nueces	48355003101	Census Tract 31.01, Nueces County, Texas	2.3595	0.40
156	48	Texas	TX	48355	Nueces	48355003102	Census Tract 31.02, Nueces County, Texas	5.4943	0.31
157	48	Texas	TX	48355	Nueces	48355003202	Census Tract 32.02, Nueces County, Texas	3.2016	0.32
158	48	Texas	TX	48355	Nueces	48355003204	Census Tract 32.04, Nueces County, Texas	0.8844	0.16
159	48	Texas	TX	48355	Nueces	48355003205	Census Tract 32.05, Nueces County, Texas	0.3390	0.43
160	48	Texas	TX	48355	Nueces	48355003206	Census Tract 32.06, Nueces County, Texas	0.6201	0.46
161	48	Texas	TX	48355	Nueces	48355003303	Census Tract 33.03, Nueces County, Texas	0.7432	0.63
162	48	Texas	TX	48355	Nueces	48355003304	Census Tract 33.04, Nueces County, Texas	1.0013	0.35
163	48	Texas	TX	48355	Nueces	48355003305	Census Tract 33.05, Nueces County, Texas	0.5104	0.82
164	48	Texas	TX	48355	Nueces	48355003306	Census Tract 33.06, Nueces County, Texas	1.1341	0.64
165	48	Texas	TX	48355	Nueces	48355003401	Census Tract 34.01, Nueces County, Texas	0.7260	0.66
166	48	Texas	TX	48355	Nueces	48355003402	Census Tract 34.02, Nueces County, Texas	1.0085	0.71
167	48	Texas	TX	48355	Nueces	48355003500	Census Tract 35, Nueces County, Texas	8.8417	0.77
168	48	Texas	TX	48355	Nueces	48355003601	Census Tract 36.01, Nueces County, Texas	2.4527	0.77
169	48	Texas	TX	48355	Nueces	48355003602	Census Tract 36.02, Nueces County, Texas	3.1516	0.52
170	48	Texas	TX	48355	Nueces	48355003603	Census Tract 36.03, Nueces County, Texas	5.9631	0.52
171	48	Texas	TX	48355	Nueces	48355003700	Census Tract 37, Nueces County, Texas	4.5618	0.64
172	48	Texas	TX	48355	Nueces	48355005103	Census Tract 51.03, Nueces County, Texas	3.5720	0.21
173	48	Texas	TX	48355	Nueces	48355005104	Census Tract 51.04, Nueces County, Texas	1.2431	0.37
174	48	Texas	TX	48355	Nueces	48355005404	Census Tract 54.04, Nueces County, Texas	2.2503	0.25
175	48	Texas	TX	48355	Nueces	48355005406	Census Tract 54.06, Nueces County, Texas	153.5798	0.42
176	48	Texas	TX	48355	Nueces	48355005407	Census Tract 54.07, Nueces County, Texas	0.6130	0.11
177	48	Texas	TX	48355	Nueces	48355005408	Census Tract 54.08, Nueces County, Texas	0.5447	0.37
178	48	Texas	TX	48355	Nueces	48355005409	Census Tract 54.09, Nueces County, Texas	0.8036	0.12
179	48	Texas	TX	48355	Nueces	48355005410	Census Tract 54.10, Nueces County, Texas	0.4992	0.64
180	48	Texas	TX	48355	Nueces	48355005411	Census Tract 54.11, Nueces County, Texas	0.5087	0.31
181	48	Texas	TX	48355	Nueces	48355005412	Census Tract 54.12, Nueces County, Texas	1.0879	0.31
182	48	Texas	TX	48355	Nueces	48355005413	Census Tract 54.13, Nueces County, Texas	0.4639	0.23
183	48	Texas	TX	48355	Nueces	48355005414	Census Tract 54.14, Nueces County, Texas	1.1139	0.12
184	48	Texas	TX	48355	Nueces	48355005415	Census Tract 54.15, Nueces County, Texas	1.0363	0.27
185	48	Texas	TX	48355	Nueces	48355005416	Census Tract 54.16, Nueces County, Texas	1.3418	0.11
186	48	Texas	TX	48355	Nueces	48355005417	Census Tract 54.17, Nueces County, Texas	2.9413	0.07
187	48	Texas	TX	48355	Nueces	48355005603	Census Tract 56.03, Nueces County, Texas	2.4036	0.67
188	48	Texas	TX	48355	Nueces	48355005604	Census Tract 56.04, Nueces County, Texas	2.7334	0.73
189	48	Texas	TX	48355	Nueces	48355005605	Census Tract 56.05, Nueces County, Texas	1.8614	0.97
190	48	Texas	TX	48355	Nueces	48355005606	Census Tract 56.06, Nueces County, Texas	4.3497	0.82
191	48	Texas	TX	48355	Nueces	48355005801	Census Tract 58.01, Nueces County, Texas	5.3267	0.19
192	48	Texas	TX	48355	Nueces	48355005803	Census Tract 58.03, Nueces County, Texas	116.3111	0.53
193	48	Texas	TX	48355	Nueces	48355005804	Census Tract 58.04, Nueces County, Texas	41.9100	0.33

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194	48	Texas	TX	48355	Nueces	48355005900	Census Tract 59, Nueces County, Texas	171.1541	0.76
195	48	Texas	TX	48355	Nueces	48355006000	Census Tract 60, Nueces County, Texas	153.2532	0.72
196	48	Texas	TX	48355	Nueces	48355006100	Census Tract 61, Nueces County, Texas	4.8699	0.65
197	48	Texas	TX	48355	Nueces	48355006201	Census Tract 62.01, Nueces County, Texas	0.9846	0.06
198	48	Texas	TX	48355	Nueces	48355006202	Census Tract 62.02, Nueces County, Texas	1.0608	0.02
199	48	Texas	TX	48355	Nueces	48355006203	Census Tract 62.03, Nueces County, Texas	0.8882	0.03
200	48	Texas	TX	48355	Nueces	48355006204	Census Tract 62.04, Nueces County, Texas	1.2824	0.13
201	48	Texas	TX	48355	Nueces	48355006205	Census Tract 62.05, Nueces County, Texas	27.9312	0.04
202	48	Texas	TX	48355	Nueces	48355006300	Census Tract 63, Nueces County, Texas	16.0087	0.84
203	48	Texas	TX	48355	Nueces	48355006400	Census Tract 64, Nueces County, Texas	1.3494	0.71
204	48	Texas	TX	48355	Nueces	48355980000	Census Tract 9800, Nueces County, Texas	4.2407	
205	48	Texas	TX	48385	Real	48385950100	Census Tract 9501, Real County, Texas	699.1585	0.64
206	48	Texas	TX	48391	Refugio	48391950200	Census Tract 9502, Refugio County, Texas	184.0990	0.75
207	48	Texas	TX	48391	Refugio	48391950400	Census Tract 9504, Refugio County, Texas	586.3852	0.52
208	48	Texas	TX	48409	San Patricio	48409010201	Census Tract 102.01, San Patricio County, Texas	3.2102	0.61
209	48	Texas	TX	48409	San Patricio	48409010202	Census Tract 102.02, San Patricio County, Texas	4.9831	0.68
210	48	Texas	TX	48409	San Patricio	48409010301	Census Tract 103.01, San Patricio County, Texas	10.9144	0.70
211	48	Texas	TX	48409	San Patricio	48409010302	Census Tract 103.02, San Patricio County, Texas	11.6459	0.55
212	48	Texas	TX	48409	San Patricio	48409010500	Census Tract 105, San Patricio County, Texas	5.9110	0.85
213	48	Texas	TX	48409	San Patricio	48409010601	Census Tract 106.01, San Patricio County, Texas	3.0832	0.57
214	48	Texas	TX	48409	San Patricio	48409010602	Census Tract 106.02, San Patricio County, Texas	3.1646	0.54
215	48	Texas	TX	48409	San Patricio	48409010603	Census Tract 106.03, San Patricio County, Texas	1.3436	0.33
216	48	Texas	TX	48409	San Patricio	48409010604	Census Tract 106.04, San Patricio County, Texas	1.4567	0.19
217	48	Texas	TX	48409	San Patricio	48409010700	Census Tract 107, San Patricio County, Texas	247.6092	0.40
218	48	Texas	TX	48409	San Patricio	48409010800	Census Tract 108, San Patricio County, Texas	6.7359	0.90
219	48	Texas	TX	48409	San Patricio	48409010900	Census Tract 109, San Patricio County, Texas	223.5042	0.54
220	48	Texas	TX	48409	San Patricio	48409011000	Census Tract 110, San Patricio County, Texas	11.2888	0.93
221	48	Texas	TX	48409	San Patricio	48409011100	Census Tract 111, San Patricio County, Texas	3.5024	0.70
222	48	Texas	TX	48409	San Patricio	48409011200	Census Tract 112, San Patricio County, Texas	144.0886	0.41
223	48	Texas	TX	48409	San Patricio	48409011300	Census Tract 113, San Patricio County, Texas	10.9938	0.97
224	48	Texas	TX	48463	Uvalde	48463950100	Census Tract 9501, Uvalde County, Texas	423.0693	0.54
225	48	Texas	TX	48463	Uvalde	48463950201	Census Tract 9502.01, Uvalde County, Texas	895.2311	0.58
226	48	Texas	TX	48463	Uvalde	48463950202	Census Tract 9502.02, Uvalde County, Texas	222.8912	0.95
227	48	Texas	TX	48463	Uvalde	48463950300	Census Tract 9503, Uvalde County, Texas	3.1871	0.73
228	48	Texas	TX	48463	Uvalde	48463950400	Census Tract 9504, Uvalde County, Texas	2.1416	0.70
229	48	Texas	TX	48463	Uvalde	48463950500	Census Tract 9505, Uvalde County, Texas	5.3996	0.90
230	48	Texas	TX	48479	Webb	48479001710	Census Tract 17.10, Webb County, Texas	2185.3020	0.57
231	48	Texas	TX	48479	Webb	48479001813	Census Tract 18.13, Webb County, Texas	507.1980	0.76
232	48	Texas	TX	48479	Webb	48479001815	Census Tract 18.15, Webb County, Texas	511.2765	0.77
233	48	Texas	TX	48493	Wilson	48493000201	Census Tract 2.01, Wilson County, Texas	39.9163	0.49
234	48	Texas	TX	48493	Wilson	48493000202	Census Tract 2.02, Wilson County, Texas	133.2004	0.48
235	48	Texas	TX	48493	Wilson	48493000600	Census Tract 6, Wilson County, Texas	166.9746	0.42
236	48	Texas	TX	48507	Zavala	48507950100	Census Tract 9501, Zavala County, Texas	430.1988	0.85
237	48	Texas	TX	48507	Zavala	48507950200	Census Tract 9502, Zavala County, Texas	228.0994	0.81
238	48	Texas	TX	48507	Zavala	48507950301	Census Tract 9503.01, Zavala County, Texas	631.5899	0.93
239	48	Texas	TX	48507	Zavala	48507950302	Census Tract 9503.02, Zavala County, Texas	7.5184	0.75

0.60