



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.

Section 1. APPLICANT INFORMATION

Name of Applicant		Applicant County	Regional Water Planning Area	
Palo Pinto County Municipal Water District No. 1		Palo Pinto	G - Brazos	
Entity Contact Information		Proposed Project or Strategy from 2011 Regional Water Plan & State Water Plan		
Contact Person	Scott Blasor	Name of Project (from 2012 State Water Plan)	Turkey Peak Reservoir	
Title	Secretary/Treasurer			
Mailing Address	P. O. Box 387, Mineral Wells, TX 76068	Where does the project appear in the 2011 Regional Water Plan?	Project on Page:	4B.12-81
			Capital Costs on Page:	4B.12-95,96
Phone Number	940-328-7712	Phase(s) Applied For	<input type="checkbox"/> Planning	<input checked="" type="checkbox"/> Design
Fax Number	940-328-7725		<input checked="" type="checkbox"/> Acquisition	<input checked="" type="checkbox"/> Construction
Email Address	ppcmwd_1@yahoo.com			

Section 2. PROJECT INFORMATION

Description of Proposed Project	
<p>The Turkey Peak Reservoir Project consists of the construction of a new earthen dam, concrete intake and outlet structures, concrete service spillway, and rock-lined excavated outfall channel on Palo Pinto Creek downstream of Lake Palo Pinto. Additionally, an excavated auxiliary spillway with an adjacent flow training berm, as well as two saddle dams, will be constructed approximately 2,000 feet south of the dam, immediately south of Turkey Peak. The proposed Project would include the removal of a section of the existing Lake Palo Pinto concrete spillway, and construction of a new county road bridge across the existing Lake Palo Pinto Dam. Ward Mountain Road would be upgraded and 0.75 miles of a new county road would be constructed to account for sections of FM 4 and county roads that would be shut down.</p>	

Population Served by Project When Fully Operational	44,730	Regional Project? <i>(If yes, attach Regional Project Worksheet)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Regional Water Planning Group Priority Ranking	Calculated by TWDB 31 TAC §363.1304 (12)		
Needs Met by the Project	Calculated by TWDB 31 TAC §363.1304 (5)		



Emergency <i>(select all that apply)</i>	<input checked="" type="checkbox"/> Applicant/entity's water supply will last less than 180 days. <input checked="" type="checkbox"/> Water supply need occurs earlier than anticipated in the State Water Plan. <input type="checkbox"/> Applicant has received or applied for Federal emergency funding. <input type="checkbox"/> None of the above.
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Readiness to Proceed <i>(select all that apply)</i>	<input checked="" type="checkbox"/> Preliminary planning or design work (30% of total project) has been completed or is not required. <input checked="" type="checkbox"/> Applicant is prepared to begin implementation or construction within 18 months of application deadline. <input checked="" type="checkbox"/> Applicant has acquired all water rights associated with the proposed project, or none will be required.
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Section 3. REQUESTED ASSISTANCE AND OTHER PROJECT FINANCING

Estimated Project Costs	TWDB Requested Amount	\$ 87,200,000.00
	Local Contribution	\$
	Other:	\$
	Total Estimated Project Costs	\$ 87,200,000.00

Anticipated Commitment(s) <i>(Attach proposed schedule for multi-year commitments)</i>	<input type="checkbox"/> One Time Commitment <input checked="" type="checkbox"/> Multi-year Commitment	<input checked="" type="checkbox"/> Low-Interest Loan <input checked="" type="checkbox"/> Deferred Loan <input checked="" type="checkbox"/> Board Participation
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Section 4. SERVICE AREA INFORMATION

PWS ID #	See Notes	CCN #	See Notes
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Conservation *Calculated by TWDB | [31 TAC §363.1304 \(11\)](#)*

Efficiency <i>(Agricultural Projects Only)</i>	<input type="checkbox"/> <1% <input type="checkbox"/> 1%-1.9% <input type="checkbox"/> 2%-5.9% <input type="checkbox"/> 6%-9.9%	<input type="checkbox"/> 10%-13.9% <input type="checkbox"/> 14%-17.9% <input type="checkbox"/> ≥18%
Efficiency improvement achieved by implementing the proposed project.	<i>Please provide an attachment explaining the basis for your calculation.</i>	

Household Cost Factor
(Household Cost Factor for SWIFT prioritization is calculated by dividing the service area's average residential water bill by its annual median household income. For regional projects, these should represent the combined service areas of all participating entities.)

Estimated average annual residential water bill:	\$416.88	Annual Median Household Income:	\$35,758
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Notes
(Use this space to describe important project or budget details not captured in this form)

Section 4. Service Area Information: Certificate of Adjudication No. 12-4031

Texas Water Development Board
State Water Implementation Fund for Texas (SWIFT)
Abridged Application

Applicant: Palo Pinto County Municipal Water District No. 1
Name of Project: Turkey Peak Reservoir

Notes and Attachments to the Abridged Application:

Capital Costs – Infrastructure Financing Survey (p. 22), Summary of Estimated Total Project Costs for Lake Palo Pinto Storage Restoration Project (Turkey Peak Reservoir) January 2015.

Population Served – Response is based on population projections prepared for the 2016 Regional Water Plan. Profile of General Population and Housing Characteristics 2010, ACS Demographic and Housing Estimates 2009-2013, and Community Facts Summary from *American FactFinder* for Mineral Wells (City) are provided for reference, Palo Pinto County information was not available.

Regional Project – Abridged Application Regional Project Worksheet, Service Area Map.

Requested Assistance - See Summary of Estimated Total Project Costs for Lake Palo Pinto Storage Restoration Project (Turkey Peak Reservoir) January 2015.

Household Cost Factor - Average residential water use by City of Mineral Wells customers for the calendar year 2014, calculated on the water rates approved for water sold after October 1, 2014, by the Mineral Wells City Council.

Infrastructure Financing Survey Responses as of November 5, 2014

2012 State Water Plan

G	LORENA	Wastewater reuse	Acquisition and construction	\$0	2010
G	LORENA	Wastewater reuse	Disadvantaged	\$0	2010
G	LORENA	Wastewater reuse	Excess capacity	\$0	2010
G	LORENA	Wastewater reuse	Planning, design, permitting	\$0	2010
G	LORENA	Wastewater reuse	Rural	\$0	2010
G	MARLIN	Brushy Creek Reservoir	Acquisition and construction	\$35,000,000	2010
G	MARLIN	Brushy Creek Reservoir	Disadvantaged	\$0	2010
G	MARLIN	Brushy Creek Reservoir	Excess capacity	\$0	2010
G	MARLIN	Brushy Creek Reservoir	Planning, design, permitting	\$4,690,000	2010
G	MARLIN	Brushy Creek Reservoir	Rural	\$0	2010
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	Acquisition and construction	\$222,000	2015
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	Disadvantaged	\$9,000,000	2015
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	Excess capacity	\$0	2010
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	Planning, design, permitting	\$2,000,000	2015
G	NORTH CENTRAL TEXAS MUNICIPAL WATER AUTHORITY	Millers Creek augmentation	Rural	\$8,000,000	2015
G	PALO PINTO MWD #1	New water treatment plant	Acquisition and construction	\$0	2010
G	PALO PINTO MWD #1	New water treatment plant	Disadvantaged	\$21,493,200	2020
G	PALO PINTO MWD #1	New water treatment plant	Excess capacity	\$0	2010
G	PALO PINTO MWD #1	New water treatment plant	Planning, design, permitting	\$14,328,800	2020
G	PALO PINTO MWD #1	New water treatment plant	Rural	\$0	2010
G	PALO PINTO MWD #1	Turkey Peak Reservoir	Acquisition and construction	\$0	2010
G	PALO PINTO MWD #1	Turkey Peak Reservoir	Disadvantaged	\$30,136,200	2013
G	PALO PINTO MWD #1	Turkey Peak Reservoir	Excess capacity	\$0	2010
G	PALO PINTO MWD #1	Turkey Peak Reservoir	Planning, design, permitting	\$20,050,800	2013
G	PALO PINTO MWD #1	Turkey Peak Reservoir	Rural	\$0	2010
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	Acquisition and construction	\$0	2010
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	Disadvantaged	\$0	2010
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	Excess capacity	\$0	2010
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	Planning, design, permitting	\$0	2010
G	SOUTHWEST MILAM WSC	Additional Carrizo Aquifer development (includes overdrafting)	Rural	\$0	2010
G	SMETWATER	Expansion of Champion well field	Acquisition and construction	\$0	2010
G	SMETWATER	Expansion of Champion well field	Disadvantaged	\$0	2010
G	SMETWATER	Expansion of Champion well field	Excess capacity	\$0	2010
G	SMETWATER	Expansion of Champion well field	Planning, design, permitting	\$0	2010
G	SMETWATER	Expansion of Champion well field	Rural	\$0	2010
G	TEMPLE	Increase treatment capacity	Acquisition and construction	\$21,000,000	2028
G	TEMPLE	Increase treatment capacity	Disadvantaged	\$0	2010
G	TEMPLE	Increase treatment capacity	Excess capacity	\$0	2010
G	TEMPLE	Increase treatment capacity	Planning, design, permitting	\$4,000,000	2025
G	TEMPLE	Increase treatment capacity	Rural	\$0	2010
G	THROOMORTON	Midway pipeline project (West Central Brazos distribution system)	Acquisition and construction	\$0	2010
G	THROOMORTON	Midway pipeline project (West Central Brazos distribution system)	Disadvantaged	\$0	2010
G	THROOMORTON	Midway pipeline project (West Central Brazos distribution system)	Excess capacity	\$0	2010
G	THROOMORTON	Midway pipeline project (West Central Brazos distribution system)	Planning, design, permitting	\$0	2010
G	THROOMORTON	Midway pipeline project (West Central Brazos distribution system)	Rural	\$0	2010
G	WESTERN HILLSWS	Additional Trinity Aquifer development (includes overdrafting)	Acquisition and construction	\$0	2010
G	WESTERN HILLSWS	Additional Trinity Aquifer development (includes overdrafting)	Disadvantaged	\$0	2010
G	WESTERN HILLSWS	Additional Trinity Aquifer development (includes overdrafting)	Excess capacity	\$0	2010
G	WESTERN HILLSWS	Additional Trinity Aquifer development (includes overdrafting)	Planning, design, permitting	\$0	2010
G	WESTERN HILLSWS	Additional Trinity Aquifer development (includes overdrafting)	Rural	\$0	2010
H	AMES	Expanded use of groundwater	Acquisition and construction	\$0	2010
H	AMES	Expanded use of groundwater	Excess capacity	\$0	2010
H	AMES	Expanded use of groundwater	Planning, design, permitting	\$0	2010
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	Acquisition and construction	\$15,000,000	2015
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	Disadvantaged	\$0	2010
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	Excess capacity	\$15,000,000	2017
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	Planning, design, permitting	\$0	2010
H	BRAZOS RIVER AUTHORITY	Allens Creek Reservoir	Rural	\$0	2010
H	BRAZOS RIVER AUTHORITY	Brazos saltwater barrier	Acquisition and construction	\$35,000,000	2020
H	BRAZOS RIVER AUTHORITY	Brazos saltwater barrier	Disadvantaged	\$0	2010

**Summary of Estimated Total Project Costs for
Lake Palo Pinto Storage Restoration Project (Turkey Peak Reservoir)
(January 2015 – for TWDB SWIFT Application)**

	<i>Estimated Total Project Costs¹</i>	<i>Planning & Permitting¹ (Previous \$8,000,000 TWDB Loan/Grant)</i>	<i>Acquisition² (Needed 2016/17)</i>	<i>Design (Needed 2016/17)</i>	<i>Construction (Needed 2018/20)</i>
Construction Costs					
Construction	\$47,550,000				\$47,550,000
Construction Contingencies (10%)	4,755,000				4,755,000
Total Construction Costs	52,305,000				\$52,305,000
Planning & Permitting, Acquisition, and Design Costs					
Water Rights (PM, Engineering, & Hydrology)	683,400	\$683,400			
Water Rights (Legal)	340,000	340,000			
Environmental Services (WR/404)	450,000	450,000			
Archaeological Services (404)	875,000	150,000		\$725,000	
Agency Coordination, & Alternatives, & Funding	780,000	780,000			
Legal Services (404)	50,000	50,000			
Land Acquisition	5,867,000		\$ 5,867,000		
Conservation Easements/Mitigation/Negotiation	2,900,000	550,000	1,404,000	946,000	
Contingencies	1,673,000	3,400	1,454,000	215,600	
Negotiations, Survey, Legal, Appraisals, & Title	792,000			792,000	
Mapping	\$118,000	118,000			
Geotechnical Investigations and Value Engineering	2,750,000	2,650,000		100,000	
Utility Surveys	20,000	20,000			
Utility Relocations & Negotiations	1,470,000	146,000	1,124,000	200,000	
Engineering Design/Bidding	3,349,000	1,459,200		1,889,800	
TxDOT Plan & Alternatives Review	124,000	124,000			
Water Rate/Misc. Financial/Spillway Model	300,000	300,000			
Miscellaneous Legal	100,000	100,000			
Subtotal Planning & Permitting, Acquisition, & Design Cost	\$22,641,400	7,924,000	9,849,000	4,868,400	
Financial & Construction Services Costs (Other than Actual Construction)					
Construction Contract Administration	591,000				591,000
Resident Project Representative (RPR)	2,724,000				2,724,000
Materials Testing	680,000				680,000
Subtotal Construction Services Costs	3,995,000				3,995,000
Financial Services for Bond Issuance	947,000	76,000	114,000	57,000	700,000
Sub-Totals	\$79,888,400	\$8,000,000	\$9,963,000	\$4,925,400	\$57,000,000
Contingencies (Inflation at 3.5% per year)	15,311,600	0	1,437,000 (~15%)	774,600 (~15%)	13,100,000 (~23%)
Total Project Costs	\$95,200,000	\$8,000,000	\$11,400,000	\$5,700,000	\$70,100,000

1. Based on December 2012 Project Cost Estimate as updated to reflect September 2014 project budget for the District's previous \$8M TWDB Planning Loan/Grant and 3.5% Annual Inflation.

2. Acquisition: Includes purchase of project land, mitigation land and utility relocation cost.

Population Projections prepared for the 2016 Regional Water Plan

Table L-1. Population Projections for Palo Pinto County MWD#1

<i>Entity</i>	<i>Year</i>					
	<i>2020</i>	<i>2030</i>	<i>2040</i>	<i>2050</i>	<i>2060</i>	<i>2070</i>
Mineral Wells ¹	18,026	19,161	19,913	20,600	21,108	21,492
Graford ¹	635	681	713	742	764	781
Parker County SUD ²	2,766	2,850	2,890	2,909	2,917	2,919
County - Other (Palo Pinto) ¹	11,432	12,270	12,834	13,357	13,756	14,071
County - Other (Parker) ²	5,105	5,236	5,343	5,429	5,457	5,468
Total Population	37,964	40,198	41,693	43,037	44,001	44,730

Notes:

¹ Population served estimate is entire population for that entity

² Population served estimate is a portion of entire population for that entity. Calculated based on supply provided from Palo Pinto County MWD#1.



DP-1

Profile of General Population and Housing Characteristics: 2010

2010 Demographic Profile Data

NOTE: For more information on confidentiality protection, nonsampling error, and definitions, see <http://www.census.gov/prod/cen2010/doc/dpsf.pdf>.

Geography: Mineral Wells city, Texas

Subject	Number	Percent
SEX AND AGE		
Total population	16,788	100.0
Under 5 years	1,232	7.3
5 to 9 years	1,113	6.6
10 to 14 years	1,157	6.9
15 to 19 years	1,180	7.0
20 to 24 years	1,386	8.3
25 to 29 years	1,384	8.2
30 to 34 years	1,192	7.1
35 to 39 years	1,115	6.6
40 to 44 years	1,073	6.4
45 to 49 years	1,175	7.0
50 to 54 years	1,060	6.3
55 to 59 years	815	4.9
60 to 64 years	789	4.7
65 to 69 years	601	3.6
70 to 74 years	508	3.0
75 to 79 years	405	2.4
80 to 84 years	303	1.8
85 years and over	300	1.8
Median age (years)	33.9	(X)
16 years and over	13,068	77.8
18 years and over	12,612	75.1
21 years and over	11,853	70.6
62 years and over	2,574	15.3
65 years and over	2,117	12.6
Male population		
Under 5 years	635	3.8
5 to 9 years	570	3.4
10 to 14 years	596	3.6
15 to 19 years	638	3.8
20 to 24 years	927	5.5
25 to 29 years	892	5.3
30 to 34 years	733	4.4
35 to 39 years	650	3.9
40 to 44 years	622	3.7
45 to 49 years	656	3.9
50 to 54 years	537	3.2
55 to 59 years	407	2.4
60 to 64 years	385	2.3
65 to 69 years	273	1.6
70 to 74 years	229	1.4

Subject	Number	Percent
75 to 79 years	166	1.0
80 to 84 years	114	0.7
85 years and over	80	0.5
Median age (years)	31.9	(X)
16 years and over	7,199	42.9
18 years and over	6,951	41.4
21 years and over	6,508	38.8
62 years and over	1,082	6.4
65 years and over	862	5.1
Female population	7,678	45.7
Under 5 years	597	3.6
5 to 9 years	543	3.2
10 to 14 years	561	3.3
15 to 19 years	542	3.2
20 to 24 years	459	2.7
25 to 29 years	492	2.9
30 to 34 years	459	2.7
35 to 39 years	465	2.8
40 to 44 years	451	2.7
45 to 49 years	519	3.1
50 to 54 years	523	3.1
55 to 59 years	408	2.4
60 to 64 years	404	2.4
65 to 69 years	328	2.0
70 to 74 years	279	1.7
75 to 79 years	239	1.4
80 to 84 years	189	1.1
85 years and over	220	1.3
Median age (years)	37.0	(X)
16 years and over	5,869	35.0
18 years and over	5,661	33.7
21 years and over	5,345	31.8
62 years and over	1,492	8.9
65 years and over	1,255	7.5
RACE		
Total population	16,788	100.0
One Race	16,435	97.9
White	12,634	75.3
Black or African American	1,309	7.8
American Indian and Alaska Native	117	0.7
Asian	91	0.5
Asian Indian	37	0.2
Chinese	1	0.0
Filipino	18	0.1
Japanese	9	0.1
Korean	5	0.0
Vietnamese	1	0.0
Other Asian [1]	20	0.1
Native Hawaiian and Other Pacific Islander	5	0.0
Native Hawaiian	0	0.0
Guamanian or Chamorro	0	0.0
Samoan	0	0.0
Other Pacific Islander [2]	5	0.0
Some Other Race	2,279	13.6

Subject	Number	Percent
Two or More Races	353	2.1
White; American Indian and Alaska Native [3]	80	0.5
White; Asian [3]	19	0.1
White; Black or African American [3]	84	0.5
White; Some Other Race [3]	125	0.7
Race alone or in combination with one or more other races: [4]		
White	12,956	77.2
Black or African American	1,413	8.4
American Indian and Alaska Native	224	1.3
Asian	128	0.8
Native Hawaiian and Other Pacific Islander	6	0.0
Some Other Race	2,427	14.5
HISPANIC OR LATINO		
Total population	16,788	100.0
Hispanic or Latino (of any race)	4,423	26.3
Mexican	3,457	20.6
Puerto Rican	34	0.2
Cuban	10	0.1
Other Hispanic or Latino [5]	922	5.5
Not Hispanic or Latino	12,365	73.7
HISPANIC OR LATINO AND RACE		
Total population	16,788	100.0
Hispanic or Latino	4,423	26.3
White alone	1,922	11.4
Black or African American alone	17	0.1
American Indian and Alaska Native alone	53	0.3
Asian alone	2	0.0
Native Hawaiian and Other Pacific Islander alone	2	0.0
Some Other Race alone	2,263	13.5
Two or More Races	164	1.0
Not Hispanic or Latino	12,365	73.7
White alone	10,712	63.8
Black or African American alone	1,292	7.7
American Indian and Alaska Native alone	64	0.4
Asian alone	89	0.5
Native Hawaiian and Other Pacific Islander alone	3	0.0
Some Other Race alone	16	0.1
Two or More Races	189	1.1
RELATIONSHIP		
Total population	16,788	100.0
In households	14,631	87.2
Householder	5,483	32.7
Spouse [6]	2,511	15.0
Child	4,482	26.7
Own child under 18 years	3,405	20.3
Other relatives	1,260	7.5
Under 18 years	649	3.9
65 years and over	109	0.6
Nonrelatives	895	5.3
Under 18 years	112	0.7
65 years and over	38	0.2
Unmarried partner	414	2.5
In group quarters	2,157	12.8
Institutionalized population	2,127	12.7
Male	2,019	12.0

Subject	Number	Percent
Female	108	0.6
Noninstitutionalized population	30	0.2
Male	8	0.0
Female	22	0.1
HOUSEHOLDS BY TYPE		
Total households	5,483	100.0
Family households (families) [7]	3,710	67.7
With own children under 18 years	1,722	31.4
Husband-wife family	2,511	45.8
With own children under 18 years	1,030	18.8
Male householder, no wife present	353	6.4
With own children under 18 years	199	3.6
Female householder, no husband present	846	15.4
With own children under 18 years	493	9.0
Nonfamily households [7]	1,773	32.3
Householder living alone	1,482	27.0
Male	603	11.0
65 years and over	165	3.0
Female	879	16.0
65 years and over	482	8.8
Households with individuals under 18 years	2,054	37.5
Households with individuals 65 years and over	1,512	27.6
Average household size	2.67	(X)
Average family size [7]	3.22	(X)
HOUSING OCCUPANCY		
Total housing units	6,331	100.0
Occupied housing units	5,483	86.6
Vacant housing units	848	13.4
For rent	433	6.8
Rented, not occupied	8	0.1
For sale only	92	1.5
Sold, not occupied	22	0.3
For seasonal, recreational, or occasional use	39	0.6
All other vacants	254	4.0
Homeowner vacancy rate (percent) [8]	2.7	(X)
Rental vacancy rate (percent) [9]	16.2	(X)
HOUSING TENURE		
Occupied housing units	5,483	100.0
Owner-occupied housing units	3,253	59.3
Population in owner-occupied housing units	8,746	(X)
Average household size of owner-occupied units	2.69	(X)
Renter-occupied housing units	2,230	40.7
Population in renter-occupied housing units	5,885	(X)
Average household size of renter-occupied units	2.64	(X)

X Not applicable.

[1] Other Asian alone, or two or more Asian categories.

[2] Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.

[3] One of the four most commonly reported multiple-race combinations nationwide in Census 2000.

[4] In combination with one or more of the other races listed. The six numbers may add to more than the total population, and the six percentages may add to more than 100 percent because individuals may report more than one race.

[5] This category is composed of people whose origins are from the Dominican Republic, Spain, and Spanish-speaking Central or South

American countries. It also includes general origin responses such as "Latino" or "Hispanic."

[6] "Spouse" represents spouse of the householder. It does not reflect all spouses in a household. Responses of "same-sex spouse" were edited during processing to "unmarried partner."

[7] "Family households" consist of a householder and one or more other people related to the householder by birth, marriage, or adoption. They do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same-sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption. Same-sex couple households with no relatives of the householder present are tabulated in nonfamily households. "Nonfamily households" consist of people living alone and households which do not have any members related to the householder.

[8] The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant "for sale." It is computed by dividing the total number of vacant units "for sale only" by the sum of owner-occupied units, vacant units that are "for sale only," and vacant units that have been sold but not yet occupied; and then multiplying by 100.

[9] The rental vacancy rate is the proportion of the rental inventory that is vacant "for rent." It is computed by dividing the total number of vacant units "for rent" by the sum of the renter-occupied units, vacant units that are "for rent," and vacant units that have been rented but not yet occupied; and then multiplying by 100.

Source: U.S. Census Bureau, 2010 Census.



DP05

ACS DEMOGRAPHIC AND HOUSING ESTIMATES

2009-2013 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
SEX AND AGE				
Total population	16,980	+/-221	16,980	(X)
Male	9,594	+/-297	56.5%	+/-1.3
Female	7,386	+/-192	43.5%	+/-1.3
Under 5 years	1,131	+/-156	6.7%	+/-0.9
5 to 9 years	1,253	+/-203	7.4%	+/-1.2
10 to 14 years	1,088	+/-216	6.4%	+/-1.3
15 to 19 years	1,181	+/-160	7.0%	+/-0.9
20 to 24 years	1,724	+/-192	10.2%	+/-1.1
25 to 34 years	2,689	+/-241	15.8%	+/-1.3
35 to 44 years	2,222	+/-174	13.1%	+/-1.0
45 to 54 years	2,049	+/-184	12.1%	+/-1.1
55 to 59 years	798	+/-146	4.7%	+/-0.9
60 to 64 years	765	+/-136	4.5%	+/-0.8
65 to 74 years	1,125	+/-163	6.6%	+/-0.9
75 to 84 years	623	+/-113	3.7%	+/-0.7
85 years and over	332	+/-110	2.0%	+/-0.6
Median age (years)	32.3	+/-0.9	(X)	(X)
18 years and over	12,873	+/-319	75.8%	+/-1.3
21 years and over	11,770	+/-346	69.3%	+/-1.5
62 years and over	2,590	+/-219	15.3%	+/-1.3
65 years and over	2,080	+/-171	12.2%	+/-1.0
18 years and over	12,873	+/-319	12,873	(X)
Male	7,298	+/-286	56.7%	+/-1.3
Female	5,575	+/-169	43.3%	+/-1.3
65 years and over	2,080	+/-171	2,080	(X)
Male	835	+/-115	40.1%	+/-3.6
Female	1,245	+/-109	59.9%	+/-3.6
RACE				
Total population	16,980	+/-221	16,980	(X)

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
One race	16,577	+/-280	97.6%	+/-1.0
Two or more races	403	+/-174	2.4%	+/-1.0
One race	16,577	+/-280	97.6%	+/-1.0
White	13,250	+/-442	78.0%	+/-2.6
Black or African American	1,251	+/-174	7.4%	+/-1.0
American Indian and Alaska Native	143	+/-82	0.8%	+/-0.5
Cherokee tribal grouping	10	+/-16	0.1%	+/-0.1
Chippewa tribal grouping	0	+/-20	0.0%	+/-0.2
Navajo tribal grouping	0	+/-20	0.0%	+/-0.2
Sioux tribal grouping	0	+/-20	0.0%	+/-0.2
Asian	230	+/-144	1.4%	+/-0.8
Asian Indian	17	+/-24	0.1%	+/-0.1
Chinese	0	+/-20	0.0%	+/-0.2
Filipino	14	+/-20	0.1%	+/-0.1
Japanese	20	+/-31	0.1%	+/-0.2
Korean	7	+/-10	0.0%	+/-0.1
Vietnamese	164	+/-135	1.0%	+/-0.8
Other Asian	8	+/-18	0.0%	+/-0.1
Native Hawaiian and Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Native Hawaiian	0	+/-20	0.0%	+/-0.2
Guamanian or Chamorro	0	+/-20	0.0%	+/-0.2
Samoan	0	+/-20	0.0%	+/-0.2
Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Some other race	1,703	+/-334	10.0%	+/-2.0
Two or more races	403	+/-174	2.4%	+/-1.0
White and Black or African American	215	+/-156	1.3%	+/-0.9
White and American Indian and Alaska Native	41	+/-24	0.2%	+/-0.1
White and Asian	32	+/-48	0.2%	+/-0.3
Black or African American and American Indian and Alaska Native	37	+/-53	0.2%	+/-0.3
Race alone or in combination with one or more other races				
Total population	16,980	+/-221	16,980	(X)
White	13,616	+/-399	80.2%	+/-2.3
Black or African American	1,503	+/-247	8.9%	+/-1.4
American Indian and Alaska Native	221	+/-105	1.3%	+/-0.6
Asian	262	+/-150	1.5%	+/-0.9
Native Hawaiian and Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Some other race	1,781	+/-335	10.5%	+/-2.0
HISPANIC OR LATINO AND RACE				
Total population	16,980	+/-221	16,980	(X)
Hispanic or Latino (of any race)	4,607	+/-292	27.1%	+/-1.6
Mexican	4,441	+/-295	26.2%	+/-1.6
Puerto Rican	40	+/-59	0.2%	+/-0.3
Cuban	61	+/-76	0.4%	+/-0.4
Other Hispanic or Latino	65	+/-59	0.4%	+/-0.3
Not Hispanic or Latino	12,373	+/-289	72.9%	+/-1.6
White alone	10,818	+/-321	63.7%	+/-2.0
Black or African American alone	1,235	+/-172	7.3%	+/-1.0
American Indian and Alaska Native alone	86	+/-36	0.5%	+/-0.2
Asian alone	78	+/-42	0.5%	+/-0.2
Native Hawaiian and Other Pacific Islander alone	0	+/-20	0.0%	+/-0.2
Some other race alone	0	+/-20	0.0%	+/-0.2
Two or more races	156	+/-82	0.9%	+/-0.5
Two races including Some other race	0	+/-20	0.0%	+/-0.2
Two races excluding Some other race, and Three or more races	156	+/-82	0.9%	+/-0.5

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Total housing units	6,274	+/-239	(X)	(X)

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

The ACS questions on Hispanic origin and race were revised in 2008 to make them consistent with the Census 2010 question wording. Any changes in estimates for 2008 and beyond may be due to demographic changes, as well as factors including questionnaire changes, differences in ACS population controls, and methodological differences in the population estimates, and therefore should be used with caution. For a summary of questionnaire changes see http://www.census.gov/acs/www/methodology/questionnaire_changes/. For more information about changes in the estimates see <http://www.census.gov/population/hispanic/files/acs08researchnote.pdf>.

For more information on understanding race and Hispanic origin data, please see the Census 2010 Brief entitled, Overview of Race and Hispanic Origin: 2010, issued March 2011. (pdf format)

While the 2009-2013 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
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5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.



DP05

ACS DEMOGRAPHIC AND HOUSING ESTIMATES

2009-2013 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
SEX AND AGE				
Total population	16,980	+/-221	16,980	(X)
Male	9,594	+/-297	56.5%	+/-1.3
Female	7,386	+/-192	43.5%	+/-1.3
Under 5 years	1,131	+/-156	6.7%	+/-0.9
5 to 9 years	1,253	+/-203	7.4%	+/-1.2
10 to 14 years	1,088	+/-216	6.4%	+/-1.3
15 to 19 years	1,181	+/-160	7.0%	+/-0.9
20 to 24 years	1,724	+/-192	10.2%	+/-1.1
25 to 34 years	2,689	+/-241	15.8%	+/-1.3
35 to 44 years	2,222	+/-174	13.1%	+/-1.0
45 to 54 years	2,049	+/-184	12.1%	+/-1.1
55 to 59 years	798	+/-146	4.7%	+/-0.9
60 to 64 years	765	+/-136	4.5%	+/-0.8
65 to 74 years	1,125	+/-163	6.6%	+/-0.9
75 to 84 years	623	+/-113	3.7%	+/-0.7
85 years and over	332	+/-110	2.0%	+/-0.6
Median age (years)	32.3	+/-0.9	(X)	(X)
18 years and over	12,873	+/-319	75.8%	+/-1.3
21 years and over	11,770	+/-346	69.3%	+/-1.5
62 years and over	2,590	+/-219	15.3%	+/-1.3
65 years and over	2,080	+/-171	12.2%	+/-1.0
18 years and over	12,873	+/-319	12,873	(X)
Male	7,298	+/-286	56.7%	+/-1.3
Female	5,575	+/-169	43.3%	+/-1.3
65 years and over	2,080	+/-171	2,080	(X)
Male	835	+/-115	40.1%	+/-3.6
Female	1,245	+/-109	59.9%	+/-3.6
RACE				
Total population	16,980	+/-221	16,980	(X)

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
One race	16,577	+/-280	97.6%	+/-1.0
Two or more races	403	+/-174	2.4%	+/-1.0
One race	16,577	+/-280	97.6%	+/-1.0
White	13,250	+/-442	78.0%	+/-2.6
Black or African American	1,251	+/-174	7.4%	+/-1.0
American Indian and Alaska Native	143	+/-82	0.8%	+/-0.5
Cherokee tribal grouping	10	+/-16	0.1%	+/-0.1
Chippewa tribal grouping	0	+/-20	0.0%	+/-0.2
Navajo tribal grouping	0	+/-20	0.0%	+/-0.2
Sioux tribal grouping	0	+/-20	0.0%	+/-0.2
Asian	230	+/-144	1.4%	+/-0.8
Asian Indian	17	+/-24	0.1%	+/-0.1
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Filipino	14	+/-20	0.1%	+/-0.1
Japanese	20	+/-31	0.1%	+/-0.2
Korean	7	+/-10	0.0%	+/-0.1
Vietnamese	164	+/-135	1.0%	+/-0.8
Other Asian	8	+/-18	0.0%	+/-0.1
Native Hawaiian and Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Native Hawaiian	0	+/-20	0.0%	+/-0.2
Guamanian or Chamorro	0	+/-20	0.0%	+/-0.2
Samoan	0	+/-20	0.0%	+/-0.2
Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Some other race	1,703	+/-334	10.0%	+/-2.0
Two or more races	403	+/-174	2.4%	+/-1.0
White and Black or African American	215	+/-156	1.3%	+/-0.9
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Total population	16,980	+/-221	16,980	(X)
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Black or African American	1,503	+/-247	8.9%	+/-1.4
American Indian and Alaska Native	221	+/-105	1.3%	+/-0.6
Asian	262	+/-150	1.5%	+/-0.9
Native Hawaiian and Other Pacific Islander	0	+/-20	0.0%	+/-0.2
Some other race	1,781	+/-335	10.5%	+/-2.0
HISPANIC OR LATINO AND RACE				
Total population	16,980	+/-221	16,980	(X)
Hispanic or Latino (of any race)	4,607	+/-292	27.1%	+/-1.6
Mexican	4,441	+/-295	26.2%	+/-1.6
Puerto Rican	40	+/-59	0.2%	+/-0.3
Cuban	61	+/-76	0.4%	+/-0.4
Other Hispanic or Latino	65	+/-59	0.4%	+/-0.3
Not Hispanic or Latino	12,373	+/-289	72.9%	+/-1.6
White alone	10,818	+/-321	63.7%	+/-2.0
Black or African American alone	1,235	+/-172	7.3%	+/-1.0
American Indian and Alaska Native alone	86	+/-36	0.5%	+/-0.2
Asian alone	78	+/-42	0.5%	+/-0.2
Native Hawaiian and Other Pacific Islander alone	0	+/-20	0.0%	+/-0.2
Some other race alone	0	+/-20	0.0%	+/-0.2
Two or more races	156	+/-82	0.9%	+/-0.5
Two races including Some other race	0	+/-20	0.0%	+/-0.2
Two races excluding Some other race, and Three or more races	156	+/-82	0.9%	+/-0.5

Subject	Mineral Wells city, Texas			
	Estimate	Margin of Error	Percent	Percent Margin of Error
Total housing units	6,274	+/-239	(X)	(X)

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Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2009-2013 5-Year American Community Survey

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Mineral Wells city, Texas

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Description	Measure	Source
Population		
Census 2010 Total Population	16,788	2010 Demographic Profile
2013 Population Estimate (as of July 1, 2013)	16,773	2013 Population Estimates
2013 ACS 5-Year Population Estimate	16,980	2009-2013 American Community Survey 5-Year Estimates
Median Age	32.3	2009-2013 American Community Survey 5-Year Estimates
Number of Companies	1,555	2007 Survey of Business Owners
Educational Attainment: Percent high school graduate or higher	70.3%	2009-2013 American Community Survey 5-Year Estimates
Count of Governments	N/A	2012 Census of Governments
Total housing units	6,274	2009-2013 American Community Survey 5-Year Estimates
Median Household Income	35,758	2009-2013 American Community Survey 5-Year Estimates
Foreign Born Population	1,282	2009-2013 American Community Survey 5-Year Estimates
Individuals below poverty level	24.2%	2009-2013 American Community Survey 5-Year Estimates
Race and Hispanic Origin		
White alone	13,250	2009-2013 American Community Survey 5-Year Estimates
Black or African American alone	1,251	2009-2013 American Community Survey 5-Year Estimates
American Indian and Alaska Native alone	143	2009-2013 American Community Survey 5-Year Estimates
Asian alone	230	2009-2013 American Community Survey 5-Year Estimates
Native Hawaiian and Other Pacific Islander alone	0	2009-2013 American Community Survey 5-Year Estimates
Some Other Race alone	1,703	2009-2013 American Community Survey 5-Year Estimates
Two or More Races	403	2009-2013 American Community Survey 5-Year Estimates
Hispanic or Latino (of any race)	4,607	2009-2013 American Community Survey 5-Year Estimates
White alone, Not Hispanic or Latino	10,818	2009-2013 American Community Survey 5-Year Estimates
Veterans	1,234	2009-2013 American Community Survey 5-Year Estimates

Want more? Need help? Use [Guided Search](#) or visit [Census.gov's Quick Facts](#).

United States Census Bureau

Source: U.S. Census Bureau | American FactFinder

State Water Implementation Fund for Texas (SWIFT)

Abridged Application Regional Project Worksheet

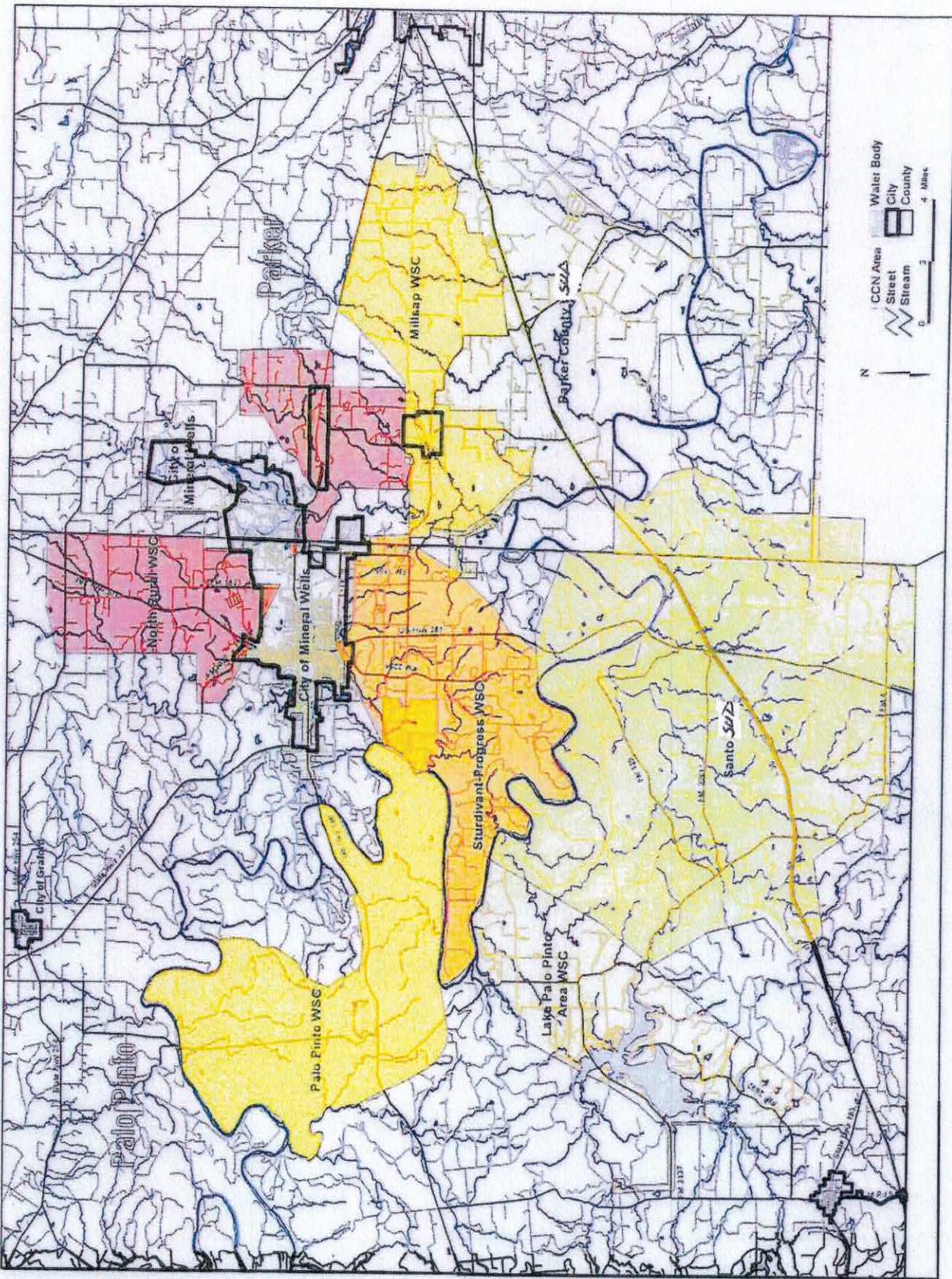
Applicant: Palo Pinto County Municipal Water District No. 1

Project Name: Turkey Peak Reservoir

Instructions: List all entities (aside from the applicant) that will be served by the proposed project. Use the "Rural" column to indicate the entities serving populations of 10,000 or fewer.

Press "Tab" to add new rows as needed.

Entity Name	Rural
1. City of Mineral Wells PWS1820001	
2. Lake Palo Pinto Area Water Supply Corporation PWS1820069	R
3. Brazos Electric Power Cooperative, Inc. Steam-Electric Generation	
4. City of Mineral Wells supplies treated water to:	
5. City of Graford PWS1820003	R
6. Palo Pinto Water Supply Corporation PWS1820004	R
7. Santo Special Utility District PWS1820010	R
8. Sturdivant Progress Water Supply Corporation PWS1820011	R
9. North Rural Water Supply Corporation PWS1820009	R
10. Parker County Special Utility District PWS1840079 (Region C)	R
11. Millsap Water Supply Corporation PWS1840007 (Region C)	R
12. Service Area Map included.	



Service Area Map — City of Mineral Wells and Water Supply Corporations