

Appendix E
Excerpts from Matrix Screening Tool

Reservoir Site Protection Study

Results of Matrix Screening Process

Rank*	Reservoir
1	Allens Creek
2	Columbia
3	Bedias
4	Ralph Hall
5	Lower Bois D'Arc
6	Palmetto Bend II
6	Nueces Off-Channel
8	Tehuacana
9	Marvin Nichols I
10	Brownsville Weir
11	Fastrill
11	Post
13	Ringgold
13	Cedar Ridge
13	Brushy Creek
16	Wilson Hollow
17	Parkhouse II
18	Parkhouse I
18	Cuero II
20	Little River
20	Shaws Bend
22	Lower East Fork
22	Millican
24	Waters Bluff
24	Cuero I
26	Italy
27	Whitsett
28	Little River Off-Channel
29	Carl Estes
30	Lake Creek
30	Cleveland
32	Humble
33	South Fork
34	Keechi Creek
35	Bonham C of E
35	Marvin Nichols II
35	La Grange
35	Goliad
35	Cibolo (Recharge)
40	Bon Weir
40	Cibolo w/ Pump Over
42	Navasota
42	R & M
42	Sabinal (Recharge)
45	Bosque
45	Cotulla
45	Fowlerton
48	Ponta
48	Roanoke
48	Fox Crossing
48	Turkey Peak
52	Long King

Rank*	Reservoir
53	Voth
53	Caney
53	Cibolo
56	Little Cypress
56	Big Sandy
56	Tenaha
59	Black Cypress
59	Prairie Creek
59	Boyd
59	South Bend
59	Cloptin Crossing
64	Rockland
64	Bee Mountain
64	Blanco (Recharge)
67	Kilgore
67	Baylor Creek
67	Dilworth
67	Guadalupe Dam 7
67	Frio (Recharge)
72	Big Pine
72	Hightower
72	Paluxy
72	Upper Pecan Bayou
72	Tom Nunn Hill
77	Tennessee Colony
77	Matagorda
77	Gonzales
80	Liberty Hill
80	Highway 322
82	Carthage
82	Lockhart
82	Confluence
85	Crowell
85	Cochino Bayou
85	Caimanche
85	Kingsville
89	Stephenville
90	Liberty Capers Ridge
90	Applewhite
92	Upper Little Cypress
92	Oak Knoll
92	Qihi
95	Hurricane Bayou
96	Big Cow Creek
96	Pedernales
96	Ecleto w/ Pump Over
99	Lower Keechi
100	Pecan Bayou
100	Nelson
100	Mustang
100	Woodsboro
104	Turkey Creek

Rank*	Reservoir
104	Inspiration Point
104	Caldwell
104	Crystal City
108	Rabbit
108	Mill Creek
108	San Saba
111	Big Elkhart
112	Dozier
112	Barkman Creek
112	Gail
112	Ingram
112	Smyth Crossing
117	Shamrock
117	Stateline
117	Alice
120	Beaver Creek
120	Henderson
120	Indian Creek (Recharge)
123	Harmon
123	Seymour
123	Ecleto
123	Batesville
123	Garcitas
128	Saul's
129	Blanco
130	Lower McClellan Creek
130	Elm
130	Little Cow Creek
130	Kincaid
134	Mulberry Creek
134	Buck
134	Eight Mile
134	Upper Keechi
134	Mason
139	Socagee
140	Brice
140	Groesbeck Creek
140	Beeville
143	Sweetwater Creek
143	Upper Washita
145	Alpine
146	Lelia Lake
147	South Pease
148	Cedar Creek
149	Bayside
150	Middle Pease
151	Sabinal
152	Montell
153	Concan

* Repeated rank indicates identical composite score.

Reservoir Site Protection Study Screening Criteria Weighting Worksheet

Criteria	Weight*
Recommended Water Management Strategy or Unique Reservoir Site (2007 SWP)	5
Least Distance to Major Demand Center	2
Water Supply Needs within 50 Miles	2
Firm Yield	5
Unit Cost of Water (Raw @ Reservoir)	4
Water Quality Concerns	1
Terrestrial Impacts, Bottomland Hardwood Preservation (Priority)	2
Yield / Surface Area	1
System Operations Opportunity	2
Ecologically Significant Stream Segment (# Criteria)	3
Special Considerations (Permitted or Designated Unique)	3

** Weights are integers from 1 to 5. Greater weight indicates greater relative importance in matrix screening process.*

Reservoir Site Protection Study **Compiled Data for Reservoir Sites***

Reservoir	River Basin	Region	Recommended Water Management Strategy or Unique Reservoir Site (2007 SWP)	Firm Yield (acft/yr)	Unit Cost of Water - Raw @ Reservoir (\$/acft/yr)	Special Considerations (Permitted or Unique)	Ecologically Significant Stream Segment (# Criteria)	Terrestrial Impacts, Bottomland Hardwood Preservation (Priority)	2060 Water Supply Needs within 50 Miles (acft/yr)	Least Distance to Major Demand Center (miles)	System Operations Opportunity	Water Quality Concerns (treatment)	Yield / Surface Area	Rank
Barkman Creek	Red	D	No	10,800	---	No	No Impact	No Impact	31,163	168	No	No	6.8	112
Beaver Creek	Red	B	No	21,240	---	No	No Impact	No Impact	19,813	138	No	Yes	1.8	120
Big Pine	Red	D	No	32,256	\$142	No	No Impact	Inundating (1)	84,815	123	No	No	6.3	72
Bonham C of E	Red	C	No	38,961	\$246	No	Inundating (3)	Just Upstream (4)	1,402,653	62	Yes	No	7.4	35
Brice	Red	O & A	No	19,620	---	No	Inundating (2)	No Impact	16,871	263	No	Yes	3.4	140
Buck	Red	A	No	7,380	---	No	No Impact	No Impact	11,291	231	No	Yes	3.6	134
Crowell	Red	B	No	125,550	---	No	Inundating (1)	No Impact	11,965	190	No	Yes	8.5	85
Dozier	Red	A	No	16,020	---	No	No Impact	No Impact	194	248	No	Yes	4.6	112
Elm	Red	A	No	11,700	---	No	No Impact	No Impact	0	239	No	Yes	4.3	130
Groesbeck Creek	Red	B	No	11,160	---	No	No Impact	No Impact	11,965	195	No	Yes	2.0	140
Lelia Lake	Red	A	No	2,329	\$1,103	No	Inundating (1)	No Impact	919	262	Yes	No	3.3	146
Liberty Hill	Red	D	No	30,240	\$239	No	No Impact	Just Upstream (2)	39,341	148	Yes	No	4.3	80
Lower Bois D'Arc	Red	C	Yes	123,000	\$91	No	Inundating (3)	Inundating (4)	728,028	80	Yes	No	7.5	5
Lower McClellan Creek	Red	A	No	7,020	---	No	Inundating (1)	No Impact	19,125	272	No	No	3.9	130
Middle Pease	Red	B	No	3,780	---	No	Indirect (1)	No Impact	2,429	231	No	Yes	2.8	150
Mulberry Creek	Red	B	No	9,630	---	No	Indirect (2)	No Impact	35,091	269	No	Yes	4.7	134
Pecan Bayou	Red	D	No	1,679	\$660	No	No Impact	No Impact	48,833	126	Yes	No	15.0	100
Ringgold	Red	B	Yes	24,300	\$503	No	No Impact	No Impact	313,933	96	Yes	No	1.6	13
Saul's	Red	O	No	5,580	---	No	No Impact	No Impact	33,953	260	No	Yes	8.8	128
Shamrock	Red	A	No	16,290	---	No	No Impact	No Impact	0	247	No	Yes	4.2	117
South Pease	Red	B	No	4,050	---	No	No Impact	No Impact	20,016	236	No	Yes	3.5	147
Sweetwater Creek	Red	A	No	7,830	\$326	No	Inundating (2)	No Impact	0	258	No	Yes	3.1	143
Upper Washita	Red	A	No	4,410	---	No	No Impact	No Impact	0	268	No	No	2.0	143
Marvin Nichols I	Sulphur	D	Yes	612,300	\$58	No	Indirect (2)	Inundating (1)	103,879	124	Yes	No	9.0	9
Marvin Nichols II	Sulphur	D	No	280,100	\$89	No	Indirect (2)	Inundating (1)	103,879	125	Yes	No	7.8	35
Parkhouse I	Sulphur	D	No	135,600	\$121	No	No Impact	Upstream (1)	561,591	93	Yes	No	4.6	18
Parkhouse II	Sulphur	D	No	148,700	\$101	No	No Impact	Upstream (1)	473,850	94	Yes	No	12.1	17
Ralph Hall	Sulphur	C	Yes	32,940	\$377	No	No Impact	No Impact	419,136	72	Yes	No	4.3	4
Black Cypress	Cypress	D	No	176,770	\$103	No	Inundating (3)	Inundating (1)	84,277	143	Yes	No	8.1	59
Little Cypress	Cypress	D	No	144,900	\$150	No	Inundating (3)	Inundating (2)	96,441	143	Yes	No	9.2	56
Upper Little Cypress	Cypress	D	No	71,700	---	No	Inundating (3)	Upstream (2)	104,168	123	Yes	No	2.9	92
Big Cow Creek	Sabine	I	No	61,700	---	No	Indirect (2)	Just Upstream (2)	77,442	117	No	No	13.4	96
Big Sandy	Sabine	D	No	46,600	\$132	No	No Impact	Inundating (2)	220,114	104	No	No	10.6	56
Bon Weir	Sabine	I	No	440,000	\$57	No	Inundating (2)	Just Upstream (2)	52,698	125	Yes	No	12.7	40
Carl Estes	Sabine	D	No	95,630	\$298	No	Indirect (3)	Inundating (2)	1,344,004	77	Yes	No	3.8	29
Carthage	Sabine	D & I	No	537,000	\$68	No	Inundating (3)	Inundating (1)	138,671	152	No	No	13.0	82
Eight Mile	Sabine	D	No	42,030	\$753	No	Indirect (3)	Just Upstream (1)	99,345	153	No	No	5.0	134
Highway 322	Sabine	I	No	22,000	\$356	No	No Impact	Upstream (1)	138,651	130	Yes	No	4.9	80
Kilgore	Sabine	D	No	4,950	\$193	No	No Impact	No Impact	138,904	117	No	No	6.1	67
Little Cow Creek	Sabine	I	No	---	---	No	No Impact	No Impact	41,926	131	No	No	---	130
Mill Creek	Sabine	I	No	12,000	\$653	No	No Impact	Upstream (1)	138,671	131	Yes	No	5.8	108
Prairie Creek	Sabine	D	No	17,215	\$248	No	No Impact	No Impact	138,904	117	No	No	7.6	59
Rabbit	Sabine	D	No	3,500	---	No	No Impact	No Impact	138,904	117	No	No	6.7	108
Socagee	Sabine	D	No	39,131	\$1,015	No	No Impact	Just Upstream (1)	66,584	169	No	No	4.3	139
Staline	Sabine	D	No	280,000	---	No	Inundating (3)	Inundating (1)	85,669	173	No	No	11.6	117
Tenaha	Sabine	D	No	180,000	\$109	No	No Impact	Inundating (2)	84,704	166	No	No	5.1	56
Waters Bluff	Sabine	D	No	324,000	\$112	No	No Impact	Inundating (2)	175,989	113	Yes	No	8.9	24
Cedar Creek	Neches	I	No	12,060	---	No	Indirect (4)	Just Upstream (1)	101,810	107	No	No	4.7	148
Cochino Bayou	Neches	I	No	123,300	---	No	Inundating (1)	Just Upstream (2)	101,810	110	No	No	4.9	85
Columbia	Neches	I	Yes	75,700	\$197	Yes	Indirect (2)	Just Upstream (1)	148,660	120	Yes	No	6.6	2
Fastrill	Neches	I	Yes	137,843	\$134	No	Inundating (3)	Inundating (1)	136,476	127	Yes	No	5.5	11
Henderson	Neches	I	No	2,016	---	No	No Impact	No Impact	125,045	129	No	No	2.7	120
Ponta	Neches	I	No	84,442	\$309	No	Inundating (2)	Inundating (1)	118,192	131	Yes	No	7.7	48
Rockland	Neches	I	No	614,430	\$103	No	Inundating (4)	Inundating (2)	62,100	102	Yes	No	6.2	64
Voth	Neches	I	No	312,120	\$112	No	Inundating (4)	Inundating (2)	104,261	83	Yes	No	14.3	53
Bedias	Trinity	G & H	Yes	90,700	\$121	No	No Impact	Just Upstream (6)	284,552	85	No	No	4.3	3
Big Elkhart	Trinity	I	No	12,320	---	No	Indirect (3)	No Impact	186,988	118	No	No	5.8	111
Boyd	Trinity	C	No	4,792	---	No	No Impact	No Impact	1,845,256	43	Yes	No	0.3	59

Reservoir Site Protection Study **Compiled Data for Reservoir Sites***

Reservoir	River Basin	Region	Recommended Water Management Strategy or Unique Reservoir Site (2007 SWP)	Firm Yield (acft/yr)	Unit Cost of Water - Raw @ Reservoir (\$/acft/yr)	Special Considerations (Permitted or Unique)	Ecologically Significant Stream Segment (# Criteria)	Terrestrial Impacts, Bottomland Hardwood Preservation (Priority)	2060 Water Supply Needs within 50 Miles (acft/yr)	Least Distance to Major Demand Center (miles)	System Operations Opportunity	Water Quality Concerns (treatment)	Yield / Surface Area	Rank
Caney	Trinity	H	No	15,700	\$316	No	No Impact	No Impact	268,850	85	No	No	7.9	53
Gail	Trinity	I	No	12,379	\$669	No	No Impact	No Impact	269,629	101	No	No	3.8	112
Harmon	Trinity	H	No	10,100	\$1,495	No	Inundating (3)	No Impact	685,336	77	No	No	9.2	123
Hurricane Bayou	Trinity	I	No	17,900	\$377	No	Indirect (3)	No Impact	153,930	112	No	No	3.9	95
Italy	Trinity	C	No	44,800	\$244	No	No Impact	No Impact	1,977,636	42	No	No	3.5	26
Liberty Capers Ridge	Trinity	H	No	193,500	\$600	No	Inundating (3)	Inundating (1)	919,830	45	No	No	2.4	90
Long King	Trinity	H	No	20,200	\$211	No	No Impact	Just Upstream (5)	643,545	73	No	No	6.3	52
Lower Keechi	Trinity	H	No	25,662	\$639	No	Indirect (3)	No Impact	269,757	103	No	No	6.4	99
Mustang	Trinity	I	No	15,694	\$469	No	No Impact	No Impact	269,629	100	No	No	2.8	100
Nelson	Trinity	H	No	7,964	---	No	Inundating (2)	No Impact	683,890	79	No	No	2.5	100
Roanoke	Trinity	C	No	20,370	\$22,083	No	No Impact	No Impact	1,932,957	23	Yes	No	2.0	48
Tehuacana	Trinity	C	Yes	56,800	\$368	No	Indirect (1)	Just Upstream (5)	890,895	79	Yes	No	3.8	8
Tennessee Colony	Trinity	C & I	No	405,800	\$420	No	Inundating (4)	Inundating (5)	148,669	92	Yes	No	2.8	77
Upper Keechi	Trinity	C	No	14,865	\$1,036	No	Indirect (2)	No Impact	226,717	103	No	No	4.5	134
Cleveland	San Jacinto	H	No	65,900	\$252	No	Inundating (3)	No Impact	695,946	47	Yes	No	2.0	30
Humble	San Jacinto	H	No	165,600	\$5,417	No	No Impact	Inundating (5)	1,064,231	20	Yes	No	4.6	32
Lake Creek	San Jacinto	H	No	67,200	\$418	No	Inundating (2)	No Impact	1,032,783	51	Yes	No	3.5	30
Lower East Fork	San Jacinto	H	No	121,500	---	No	Inundating (3)	No Impact	1,049,017	24	Yes	No	7.5	22
Allens Creek	Brazos	H	Yes	99,650	\$136	Yes	Indirect (2)	No Impact	1,090,415	47	Yes	No	14.2	1
Bee Mountain	Brazos	G	No	42,451	\$890	No	Inundating (2)	No Impact	1,242,416	61	Yes	Yes	1.3	64
Bosque	Brazos	G	No	17,900	\$313	No	No Impact	No Impact	640,228	77	No	No	4.0	45
Brushy Creek	Brazos	G	Yes	2,000	\$257	Yes	No Impact	No Impact	246,820	83	No	No	2.9	13
Caldwell	Brazos	G	No	10,200	\$1,628	No	No Impact	No Impact	680,413	70	No	No	1.3	104
Cedar Ridge	Brazos	G	Yes	28,920	\$224	No	No Impact	No Impact	17,240	146	Yes	No	4.7	13
Hightower	Brazos	G	No	61,318	\$643	No	Inundating (3)	No Impact	1,466,573	71	Yes	Yes	1.7	72
Inspiration Point	Brazos	G	No	24,174	\$1,305	No	Inundating (3)	No Impact	771,356	72	Yes	Yes	0.9	104
Keechi Creek	Brazos	G	No	6,120	\$190	No	Indirect (3)	No Impact	760,543	77	Yes	No	3.6	34
Little River	Brazos	G	No	129,000	\$241	No	Inundating (2)	No Impact	548,218	57	Yes	No	3.6	20
Little River Off-Channel	Brazos	G	No	32,110	\$138	No	Indirect (2)	No Impact	544,114	68	No	No	7.4	28
Millican	Brazos	G & H	No	212,500	\$263	No	No Impact	Inundating (2)	671,515	71	Yes	No	2.5	22
Navasota	Brazos	G	No	38,080	\$913	No	No Impact	No Impact	282,447	99	Yes	No	2.6	42
Oak Knoll	Brazos	G	No	---	---	No	No Impact	No Impact	161,305	104	Yes	No	---	92
Paluxy	Brazos	G	No	16,300	\$371	No	Inundating (1)	No Impact	649,644	69	No	No	4.2	72
Post	Brazos	O	Yes	10,800	\$229	Yes	Indirect (2)	No Impact	36,427	253	Yes	Yes	4.7	11
Seymour	Brazos	G	No	88,650	\$547	No	Inundating (2)	No Impact	13,441	180	No	Yes	1.3	123
South Bend	Brazos	G	No	44,940	\$411	No	No Impact	No Impact	92,732	105	Yes	Yes	1.5	59
South Fork	Brazos	G	No	48,600	\$1,679	No	No Impact	No Impact	543,379	23	Yes	No	6.6	33
Stephenville	Brazos	G	No	6,000	---	No	No Impact	No Impact	482,121	87	No	No	2.8	89
Turkey Creek	Brazos	G	No	18,749	\$1,575	No	Inundating (3)	No Impact	760,811	77	Yes	Yes	0.8	104
Turkey Peak	Brazos	G	No	8,648	\$393	No	No Impact	No Impact	511,124	79	Yes	No	13.4	48
Wilson Hollow	Brazos	G	Yes	6,590	\$901	No	No Impact	No Impact	511,124	79	Yes	No	13.0	16
Baylor Creek	Colorado	K	No	---	---	No	No Impact	No Impact	1065188	66	Yes	No	---	67
Fox Crossing	Colorado	F & K	No	72,500	\$450	No	No Impact	No Impact	17786	84	Yes	No	1.2	48
La Grange	Colorado	K	No	52,000	\$380	No	Inundating (2)	No Impact	1125013	59	Yes	No	2.7	35
Mason	Colorado	F	No	19,000	\$1,293	No	Inundating (1)	No Impact	13549	92	No	No	0.9	134
Matagorda	Colorado	K	No	---	---	No	No Impact	No Impact	446521	76	Yes	No	---	77
Pedernales	Colorado	K	No	19,000	\$566	No	Inundating (3)	No Impact	709455	49	No	No	0.7	96
San Saba	Colorado	F & K	No	27,400	\$405	No	Indirect (4)	No Impact	18355	92	No	No	3.8	108
Shaws Bend	Colorado	K	No	51,576	\$247	No	Inundating (1)	No Impact	693,090	77	Yes	No	4.2	20
Upper Pecan Bayou	Colorado	F & G	No	5,900	\$202	No	No Impact	No Impact	18372	151	Yes	No	1.1	72
Palmetto Bend II	Lavaca	P	Yes	23,000	\$437	Yes	Indirect (2)	No Impact	79,857	93	Yes	No	2.8	6
Garcitas	Lavaca-Guadalupe	L & P	No	20,700	\$465	No	Inundating (4)	No Impact	79,857	87	No	No	4.3	123
Bianco (Recharge)	Guadalupe	L	Yes	2,458	\$2,529	No	Inundating (2)	No Impact	809,971	25	No	No	1.7	64
Cloptin Crossing	Guadalupe	L	No	32,458	\$511	No	Inundating (2)	No Impact	817,325	30	No	No	5.4	59
Confluence	Guadalupe	L	No	78,300	\$591	No	Inundating (4)	No Impact	123,003	62	Yes	No	2.6	82
Cuero I	Guadalupe	L	No	152,606	\$203	No	Indirect (4)	No Impact	118,150	74	Yes	No	3.7	24
Cuero II	Guadalupe	L	No	80,836	\$268	No	No Impact	No Impact	346,140	71	Yes	No	3.0	18
Dilworth	Guadalupe	L	No	19,705	\$482	No	No Impact	No Impact	489,821	58	No	No	1.3	67

Reservoir Site Protection Study Compiled Data for Reservoir Sites*

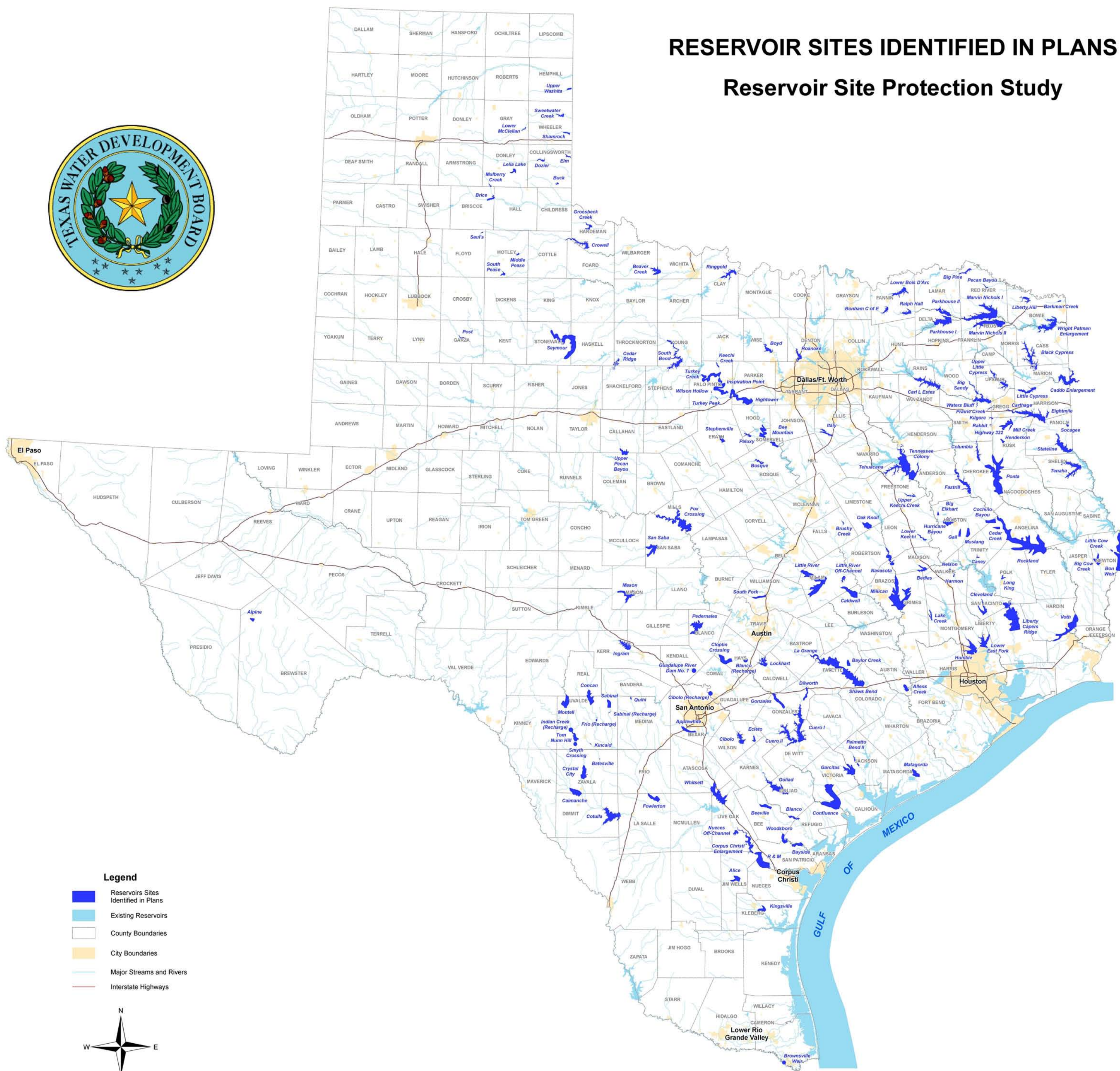
Reservoir	River Basin	Region	Recommended Water Management Strategy or Unique Reservoir Site (2007 SWP)	Firm Yield (acft/yr)	Unit Cost of Water - Raw @ Reservoir (\$/acft/yr)	Special Considerations (Permitted or Unique)	Ecologically Significant Stream Segment (# Criteria)	Terrestrial Impacts, Bottomland Hardwood Preservation (Priority)	2060 Water Supply Needs within 50 Miles (acft/yr)	Least Distance to Major Demand Center (miles)	System Operations Opportunity	Water Quality Concerns (treatment)	Yield / Surface Area	Rank
Gonzales	Guadalupe	L	No	69,897	\$281	No	Inundating (5)	No Impact	708,195	58	No	No	3.3	77
Guadalupe Dam 7	Guadalupe	L	No	30,890	\$512	No	Inundating (3)	No Impact	666,395	28	Yes	No	2.4	67
Ingram	Guadalupe	J	No	7,470	\$1,963	No	Inundating (1)	No Impact	279,895	64	No	No	5.9	112
Lockhart	Guadalupe	L	No	5,627	\$632	No	No Impact (5)	No Impact	816,166	26	No	No	1.9	82
Applewhite	San Antonio	L	No	4,032	\$1,539	No	No Impact	No Impact	376,403	15	Yes	No	1.6	90
Cibolo	San Antonio	L	No	33,200	\$582	No	No Impact	No Impact	386,135	38	No	No	2.0	53
Cibolo (Recharge)	San Antonio	L	Yes	1,818	\$744	No	No Impact	No Impact	655,193	14	No	No	3.8	35
Cibolo w/ Pump Over	San Antonio	L	No	69,925	\$351	No	No Impact	No Impact	386,135	38	No	No	4.2	40
Ecleto	San Antonio	L	No	4,800	\$1,482	No	No Impact	No Impact	379,724	44	No	No	1.1	123
Ecleto w/ Pump Over	San Antonio	L	No	13,400	\$1,370	No	No Impact	No Impact	379,724	44	No	No	3.1	96
Goliad	San Antonio	L	No	99,687	\$193	No	Indirect (4)	No Impact	70,910	64	No	No	3.6	35
Bayside	San Antonio-Nueces	L	No	4,500	\$1,119	No	Inundating (2)	No Impact	57,801	27	No	No	0.5	149
Beeville	San Antonio-Nueces	L & N	No	3,600	\$1,196	No	No Impact	No Impact	70,910	55	No	No	0.4	140
Blanco	San Antonio-Nueces	L	No	4,500	\$933	No	Indirect (1)	No Impact	57,646	45	No	No	0.8	129
Woodsboro	San Antonio-Nueces	L & N	No	9,900	\$365	No	Indirect (2)	No Impact	57,801	29	No	No	1.0	100
Batesville	Nueces	N	No	1	---	No	No Impact	No Impact	20,944	77	No	No	---	123
Caimanche	Nueces	N	No	17,190	\$394	No	No Impact	No Impact	110,892	102	No	No	1.9	85
Concan	Nueces	J & L	No	660	\$14,576	No	Inundating (5)	No Impact	15,888	74	No	No	0.2	153
Cotulla	Nueces	L	No	57,080	\$271	No	No Impact	No Impact	118,170	91	No	No	1.8	45
Crystal City	Nueces	N	No	18,270	\$1,493	No	No Impact	No Impact	110,892	94	No	No	2.9	104
Fowlerton	Nueces	N	No	25,650	\$289	No	No Impact	No Impact	341,601	69	No	No	3.3	45
Frio (Recharge)	Nueces	L	Yes	4,873	\$716	No	Inundating (1)	No Impact	15,888	74	No	No	4.4	67
Indian Creek (Recharge)	Nueces	L	Yes	4,655	\$2,183	No	Inundating (3)	No Impact	15,888	90	No	No	1.3	120
Kincaid	Nueces	N	No	1	---	No	No Impact	No Impact	13,666	79	No	No	---	130
Montell	Nueces	J & L	No	2,125	\$8,980	No	Inundating (4)	No Impact	15,888	93	No	No	0.3	152
Nueces Off-Channel	Nueces	N	Yes	31,800	\$398	No	No Impact	No Impact	159,640	56	Yes	No	6.8	6
Qih	Nueces	N	No	1,084	---	No	No Impact	No Impact	284,254	48	No	No	1.2	92
R & M	Nueces	N	No	91,800	\$345	No	Inundating (3)	No Impact	50,329	22	Yes	No	2.5	42
Sabinal	Nueces	L	No	812	\$10,429	No	Inundating (4)	No Impact	248,898	63	No	No	0.3	151
Sabinal (Recharge)	Nueces	L	Yes	2,887	\$364	No	Inundating (1)	No Impact	248,898	63	No	No	6.4	42
Smyth Crossing	Nueces	L	No	7,507	---	No	No Impact	No Impact	13,666	89	No	No	0.7	112
Tom Nunn Hill	Nueces	N	No	18,270	\$290	No	No Impact	No Impact	13,666	89	No	No	5.2	72
Whitsett	Nueces	N	No	31,950	---	No	Indirect (1)	No Impact	379,433	68	Yes	No	5.5	27
Alice	Nueces-Rio Grande	N	No	3,330	\$774	No	No Impact	No Impact	141,373	39	No	No	0.3	117
Kingsville	Nueces-Rio Grande	N	No	9,090	\$476	No	No Impact	No Impact	192,462	29	No	No	1.1	85
Alpine	Rio Grande	E	No	---	---	No	No Impact	No Impact	0	196	No	No	---	145
Brownsville Weir	Rio Grande	M	Yes	20,643	\$537	Yes	Inundating (4)	No Impact	223489	29	Yes	No	34.4	10

* Data compiled from available references and used in matrix screening process. Table ES-1 and Table 4.1-1 summarize current data for sites technically evaluated in the Reservoir Site Protection Study.



RESERVOIR SITES IDENTIFIED IN PLANS

Reservoir Site Protection Study



Legend

- Reservoirs Sites Identified in Plans
- Existing Reservoirs
- County Boundaries
- City Boundaries
- Major Streams and Rivers
- Interstate Highways



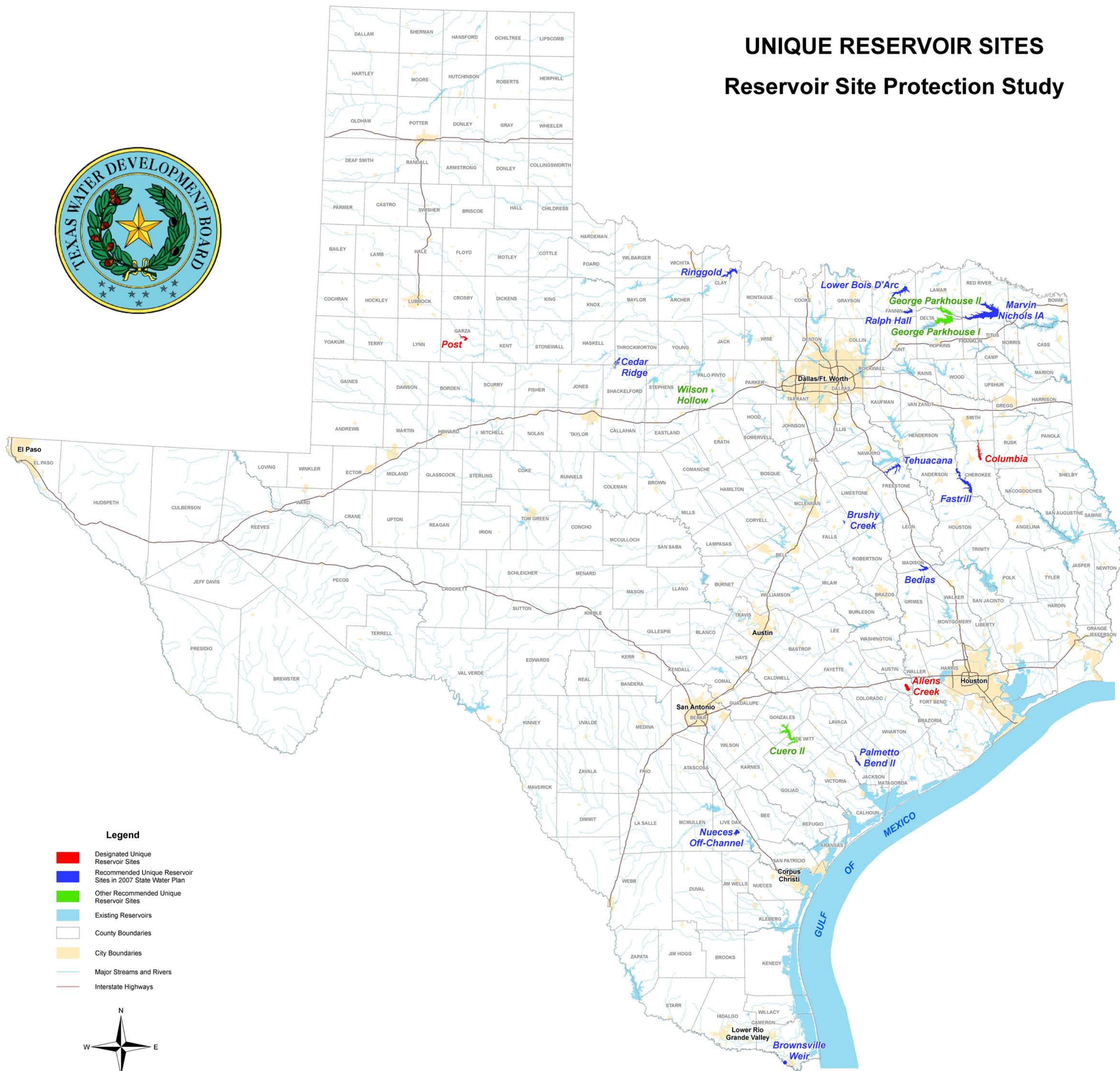
0 25 50 75 100 Miles

FEBRUARY 2007

Exhibit 1

UNIQUE RESERVOIR SITES

Reservoir Site Protection Study



Legend

- Designated Unique Reservoir Sites
- Recommended Unique Reservoir Sites in 2007 State Water Plan
- Other Recommended Unique Reservoir Sites
- Existing Reservoirs
- County Boundaries
- City Boundaries
- Major Streams and Rivers
- Interstate Highways



0 25 50 75 100 Miles

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Exhibit 2

R.B. R.J. BRANDES COMPANY
Consulting in Water Resources

HDR

FREESE • NICHOLS