

Appendix 4-A

Identified Water Needs/Surplus DB17 Report

The following appendix includes a copy of the Water User Group Identified Needs/Surplus data from the TWDB Data Web Interface known as the DB17. The summary is divided by Water User Group, county, and basin.

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Water User Group (WUG) Needs/Surplus

REGION I	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
JEFFERSON COUNTY						
NECHES BASIN						
MEEKER MUD	20	17	13	6	3	0
NEDERLAND	0	0	0	0	0	0
NOME	0	0	0	0	0	0
PORT ARTHUR	0	0	0	0	0	0
PORT NECHES	0	0	0	0	0	0
COUNTY-OTHER	18	18	15	(22)	(57)	(89)
MANUFACTURING	(93,772)	(135,897)	(141,948)	(148,018)	(154,093)	(160,406)
MINING	0	0	0	0	0	0
STEAM ELECTRIC POWER	(13,426)	(15,696)	(18,464)	(21,838)	(25,951)	(30,839)
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	3,253	2,608	2,166	2,009	2,172	2,422
NECHES-TRINITY BASIN						
BEAUMONT	0	0	(331)	(1,486)	(2,914)	(4,565)
CHINA	0	0	0	0	0	0
GROVES	0	0	0	0	0	0
JEFFERSON COUNTY WCID #10	0	0	0	0	0	0
MEEKER MUD	61	50	38	19	8	0
NEDERLAND	0	0	0	0	0	0
NOME	0	0	0	0	0	0
PORT ARTHUR	0	0	0	0	0	0
PORT NECHES	0	0	0	0	0	0
WEST JEFFERSON COUNTY MWD	0	0	0	0	0	0
COUNTY-OTHER	359	414	412	(658)	(1,867)	(3,207)
MANUFACTURING	(86,689)	(125,576)	(131,158)	(136,761)	(142,368)	(148,197)
MINING	0	0	0	0	0	0
LIVESTOCK	63	63	63	63	63	63
IRRIGATION	43,228	34,660	28,777	26,689	28,867	32,178
NACOGDOCHES COUNTY						
NECHES BASIN						
APPLEBY WSC	285	222	157	82	0	0
CUSHING	105	94	82	69	53	37
D&M WSC	289	200	108	4	(112)	(234)
GARRISON	340	318	296	270	241	211
LILLY GROVE SUD	332	292	250	202	148	90
MELROSE WSC	304	259	213	158	95	28
NACOGDOCHES	0	0	0	0	0	0
SWIFT WSC	238	201	163	116	63	6
WODEN WSC	440	414	386	352	312	269
COUNTY-OTHER	0	0	0	0	0	0
MANUFACTURING	10,000	10,000	10,000	10,000	10,000	10,000
MINING	(5,475)	(2,975)	(118)	226	567	818
STEAM ELECTRIC POWER	369	(799)	(2,224)	(3,961)	(6,078)	(8,594)
LIVESTOCK	(1,644)	(1,837)	(2,061)	(2,320)	(2,617)	(3,059)
IRRIGATION	109	109	109	109	109	109
NEWTON COUNTY						
SABINE BASIN						
MAURICEVILLE SUD	40	38	37	35	35	34

Water User Group (WUG) Needs/Surplus

REGION I	WUG (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
PANOLA COUNTY						
SABINE BASIN						
GILL WSC	74	75	77	76	75	74
TATUM	0	0	0	0	0	0
COUNTY-OTHER	179	165	171	155	125	98
MANUFACTURING	(134)	(156)	(176)	(194)	(230)	(309)
MINING	3,317	3,639	4,263	4,576	5,833	5,706
LIVESTOCK	175	175	175	175	175	175
IRRIGATION	510	510	510	510	510	510
POLK COUNTY						
NECHES BASIN						
CORRIGAN	67	51	39	23	11	0
COUNTY-OTHER	0	0	0	0	0	0
MANUFACTURING	9	9	9	9	9	9
MINING	63	89	114	140	166	177
LIVESTOCK	277	277	277	277	277	277
IRRIGATION	341	341	341	341	341	341
RUSK COUNTY						
NECHES BASIN						
HENDERSON	2,682	2,371	2,062	1,710	1,325	922
NEW LONDON	118	98	76	52	27	0
OVERTON	39	34	28	22	15	7
WRIGHT CITY WSC	27	22	18	12	6	0
COUNTY-OTHER	753	647	534	379	195	0
MANUFACTURING	31	31	31	31	31	31
MINING	(1,075)	(1,814)	(1,742)	(1,666)	(1,603)	(1,598)
LIVESTOCK	289	280	267	255	242	242
IRRIGATION	245	245	245	245	245	245
SABINE BASIN						
CHALK HILL SUD	720	700	679	650	615	579
CROSS ROADS SUD	407	395	383	363	336	309
EASTON	0	0	0	0	0	0
ELDERVILLE WSC	73	61	48	34	18	1
HENDERSON	447	394	340	278	212	142
KILGORE	148	422	356	277	182	78
NEW LONDON	95	77	61	42	21	0
OVERTON	79	33	(12)	(65)	(123)	(184)
TATUM	118	87	59	28	0	2
WEST GREGG SUD	10	10	9	7	5	3
COUNTY-OTHER	689	614	535	426	297	159
MANUFACTURING	1	1	1	1	1	1
MINING	0	(278)	(213)	(143)	(83)	(79)
STEAM ELECTRIC POWER	16,743	12,099	6,439	(462)	(8,873)	(18,868)
LIVESTOCK	0	0	0	0	0	0
IRRIGATION	253	253	253	253	253	253
SABINE COUNTY						
NECHES BASIN						
G M WSC	4	3	3	3	3	3
PINELAND	5	10	13	14	14	14

WWP (NEEDS)/SURPLUS

WHOLESALE WATER PROVIDER	WWP (NEEDS)/SURPLUS (ACRE-FEET PER YEAR)					
	2020	2030	2040	2050	2060	2070
ANGELINA NECHES RIVER AUTHORITY	(68,492)	(72,629)	(73,386)	(73,032)	(72,831)	(128,775)
ANGELINA NACOGDOCHES WCID #1	7,077	6,250	(2,866)	(3,692)	(4,519)	(5,305)
ATHENS MUNICIPAL WATER AUTHORITY	1,283	920	599	170	(2,597)	(5,986)
CITY OF BEAUMONT	0	0	(578)	(2,570)	(4,994)	(7,754)
CITY OF CARTHAGE	2,839	2,799	2,767	2,730	2,653	2,570
CITY OF CENTER	756	511	278	55	(196)	(450)
HOUSTON COUNTY WCID #1	(1,813)	(1,843)	(2,122)	(2,147)	(2,429)	(2,463)
CITY OF JACKSONVILLE	2,915	2,635	2,344	1,947	1,475	955
LOWER NECHES VALLEY AUTHORITY	642,968	514,337	498,421	482,660	466,462	449,560
CITY OF LUFKIN	8,894	8,307	7,757	7,213	6,627	6,035
CITY OF NACOGDOCHES	13,415	12,163	10,898	9,562	8,066	6,510
PANOLA COUNTY FRESH WATER SUPPLY DISTRICT	4,201	3,648	3,546	3,425	3,226	2,464
CITY OF PORT ARTHUR	0	0	0	0	0	0
SABINE RIVER AUTHORITY	642,875	624,319	346,838	124,727	86,754	9,196
CITY OF TYLER	12,394	10,178	7,861	5,238	2,204	(1,014)
UPPER NECHES RIVER MUNICIPAL WATER AUTHORITY	(4,831)	(6,849)	(8,869)	(10,892)	(60,169)	(62,190)
TOTAL WWP NEEDS/SURPLUS	1,264,481	1,104,746	793,488	545,394	429,732	263,353

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