

# **Appendix 1-B**

## **Water Loss Audits**

---

The TWDB established new requirements requiring water audit reporting for public utilities that provide potable water. Every five years public utilities must perform a water audit computing the utility's most recent annual water loss. Entities with active financial obligations with the TWDB are required to submit water loss data annually. This appendix provides Entity-Level Water Loss Audit Data for 2017.



*This page intentionally left blank*



**Appendix 1-B  
Water Loss Audits**

PWS Name	PWS Code	Person Filing Name	Report Period Start	Report Period End	Surface Water Percentage	Ground Water Percentage	Retail Population Served	Wholesale Population Served	Main Lines Miles	Main Lines Miles AS
Beechwood WSC	TX2020014	gregory revere	01/01/17	12/31/17	100.00	0.00	1,143	0	11	5
BIG THICKET RETREAT	TX1000053	Boyd McDaniel	01/01/17	12/31/17	0.00	100.00	114	0	5	3
Cardinal Meadows Improvement District	TX1230020	Joshua Armfield	01/01/17	12/31/17	0.00	0.00	164	0	2	1
City of Beaumont Water Utility Dept	TX1230001	John Pippins III	01/01/17	12/31/17	77.03	22.97	118,299	14,282	854	5
City of Bridge City	TX1810001	mike lund	01/01/17	12/31/17	0.00	100.00	11,571	90	90	3
City of Carthage	TX1830001	Michael Delaney	01/01/17	12/31/17	100.00	0.00	6,756	5,629	331	3
City of Center	TX2100001	Marcus Cameron	01/01/17	12/31/17	100.00	0.00	5,193	0	84	5
City of Cushing	TX1740001	Brian Delafield	01/01/17	12/31/17	0.00	0.00	967	0	13	3
City of Groves	TX1230012	David Molbert	01/01/17	12/31/17	100.00	0.00	17,265	0	98	4
City of Henderson	TX2010001	Matt Linthicum	01/01/17	12/31/17	11.20	88.80	13,416	0	125	5
City of Huntington	TX0030002	Shane Price	01/01/17	12/31/17	0.00	100.00	2,106	0	38	1
City of Jacksonville	TX0370002	Brian Gay	01/01/17	12/31/17	15.00	85.00	14,544	13,204	130	4
City of Jasper	TX1210001	erik rogers	01/01/17	12/31/17	0.00	100.00	11,322	0	195	3
City of Lufkin	TX0030004	Gary Barton	01/01/17	12/31/17	0.00	100.00	47,988	7,161	695	5
City of Nacogdoches	TX1740003	Bart Allen	01/01/17	12/31/17	85.00	15.00	37,000	0	350	4
City of Nederland	TX1230006	Robert Sangster	01/01/17	12/31/17	100.00	0.00	17,565	1,176	109	5
City of Orange	TX1810004	Timmy Campbell	01/01/17	12/31/17	0.00	100.00	18,595	0	170	1
City of Palestine	TX0010001	Scott Swanson	01/01/17	12/31/17	100.00	0.00	17,345	1,092	275	2
City of Port Arthur	TX1230009	Clyde Trahan	01/01/17	12/31/17	100.00	0.00	53,818	0	350	3
City of Port Neches	TX1230010	PHILLIP PRYOR	01/01/17	12/31/17	100.00	0.00	13,601	0	250	4
City of Reklaw	TX0370039	Francisco Hernandez	01/01/17	12/31/17	0.00	100.00	615	0	20	3
City of San Augustine	TX2030001	chris anding	01/01/17	12/31/17	100.00	0.00	2,108	0	29	3
City of Silsbee	TX1000002	Tammy Kirkindall	01/01/17	12/31/17	0.00	100.00	9,915	0	25	1
City of Tyler	TX2120004	Katherine Dietz	01/01/17	12/31/17	99.00	1.00	103,700	160,090	742	2
Evadale WCID 1	TX1210011	Kenny Gibson	01/01/17	12/01/17	0.00	0.00	792	0	8	1
G-M WSC	TX2020067	Debra Daniel	01/01/17	12/31/17	80.00	20.00	10,080	0	45	1
Holmwood Angelina & Neches River Authori	TX1210020	Chris Key	01/01/17	12/31/17	0.00	100.00	444	0	6	5
Hudson WSC	TX0030023	Brad Naron	12/01/17	12/31/17	0.00	100.00	10,146	0	120	1
Jasper County WCID 1	TX1210003	LaVerne Carrell	01/01/17	12/31/17	0.00	100.00	3,000	0	18	1
Jefferson County WCID 10	TX1230003	Thomas McDonald	01/01/17	12/31/17	100.00	0.00	5,500	0	27	4
Lumberton MUD	TX1000035	Robb Starr	01/01/17	12/31/17	0.00	100.00	27,195	0	289	3
Orange County WCID 1	TX1810005	peggy jackson	01/01/17	12/31/17	0.00	100.00	17,262	0	110	4
Orange County WCID 2	TX1810006	Jason Lawson	01/01/17	12/31/17	0.00	100.00	3,440	0	31	5
Pleasant Springs WSC	TX0010026	sam martine	01/01/17	12/31/17	100.00	0.00	975	0	10	1
Rayburn Country MUD	TX1210014	Gregory Alexander	01/01/17	12/31/17	0.00	100.00	2,664	0	52	3
Southern Utilities	TX2120063	Siglinda West	01/01/17	12/31/17	0.00	100.00	58,335	0	420	4



**Appendix 1-B  
Water Loss Audits**

PWS Name	Wholesale Connections Served	Retail Connections Served	Service Connection Density (c)	Yearly Operating Pressure	Yearly Operating Pressure AS	Volume Units Of Measure	Old Volume Units Of Measure	Water Delivery	Water Delivery AS	Production Meter Accuracy Percentage
Beechwood WSC	0	506	46	60	4	G	G	24,776,000	5	100.00
BIG THICKET RETREAT	0	38	8	50	5	G	G	3,066,000	5	99.90
Cardinal Meadows Improvement District	0	63	36	45	1	G	G	0	N/A	0.00
City of Beaumont Water Utility Dept	4645	61,971	73	55	4	G	G	7,550,298,028	4	100.00
City of Bridge City	30	3,857	43	50	4	G	G	301,818,000	4	90.00
City of Carthage	9	4,080	12	42	3	G	G	657,616,000	4	95.00
City of Center	0	2,417	29	70	3	G	G	1,075,756,000	5	99.00
City of Cushing	0	419	32	60	2	G	G	28,870,000	3	100.00
City of Groves	0	6,532	67	54	3	G	G	561,292,000	5	99.00
City of Henderson	0	6,353	51	50	4	G	G	798,960,000	5	100.30
City of Huntington	0	1,038	27	50	2	G	G	82,000,000	3	99.00
City of Jacksonville	4401	6,134	47	80	3	G	G	1,050,994,000	5	99.00
City of Jasper	0	4,726	24	80	2	G	G	498,816,000	5	95.00
City of Lufkin	2615	17,450	25	70	3	G	G	2,593,076,000	4	98.00
City of Nacogdoches	14	18,774	54	60	3	G	G	2,706,665,000	4	98.00
City of Nederland	0	8,817	81	56	2	G	G	722,640,000	5	98.00
City of Orange	0	8,962	53	60	2	G	G	963,692,000	5	96.00
City of Palestine	2	6,938	25	82	1	G	G	946,129,000	4	99.00
City of Port Arthur	0	22,136	63	55	3	G	G	6,043,711,100	5	98.00
City of Port Neches	0	5,419	22	45	4	G	G	465,526,000	2	90.00
City of Reklaw	0	209	11	73	2	G	G	15,086,000	4	100.00
City of San Augustine	0	1,109	38	65	2	G	G	190,103,000	5	100.00
City of Silsbee	0	3,305	132	59	3	G	G	261,857,700	3	101.00
City of Tyler	3	35,942	48	60	1	G	G	8,244,245,000	4	98.00
Evadale WCID 1	0	263	33	45	2	G	G	14,282,890	5	98.00
G-M WSC	0	3,360	75	70	3	G	G	141,936,220	4	99.00
Holmwood Angelina & Neches River Authori	0	159	28	70	3	G	G	11,850,088	5	101.00
Hudson WSC	0	3,381	28	65	1	G	G	253,816,000	1	98.00
Jasper County WCID 1	0	1,112	62	60	2	G	G	68,651,900	3	99.50
Jefferson County WCID 10	0	1,582	59	48	4	G	G	175,230,000	4	97.00
Lumberton MUD	0	9,065	31	56	4	G	G	693,143,500	5	99.90
Orange County WCID 1	0	6,374	58	56	3	G	G	413,999,000	5	100.00
Orange County WCID 2	0	2,050	66	55	4	G	G	112,874,000	4	99.00
Pleasant Springs WSC	0	325	33	80	2	G	G	0	N/A	0.00
Rayburn Country MUD	0	888	17	65	3	G	G	105,508,000	5	99.00
Southern Utilities	2	19,699	47	104	4	G	G	2,809,361,000	5	99.90



**Appendix 1-B  
Water Loss Audits**

PWS Name	Production Meter Accuracy Percentage AS	Corrected Input Volume (c)	System Input Volume (c)	Billed Metered (c)	Billed Metered AS	Billed Unmetered	Billed Unmetered AS	Unbilled Metered	Unbilled Metered AS
Beechwood WSC	4.00	24,776,000	24,776,000	22,789,000	3	0	3	0	2
BIG THICKET RETREAT	0.00	3,069,069	3,069,069	2,021,000	5	0	5	0	5
Cardinal Meadows Improvement District	4.00	0	4,822,737	4,536,302	2	0	5	0	2
City of Beaumont Water Utility Dept	5.00	7,550,298,028	6,926,128,230	5,098,955,300	4	0	3	192,623,688	5
City of Bridge City	5.00	335,353,333	332,766,667	64,589,000	3	0	3	75,000	3
City of Carthage	4.00	692,227,368	615,070,021	646,339,600	3	0	1	45,875	2
City of Center	5.00	1,086,622,222	1,048,107,696	811,982,400	4	0	1	105,133,400	2
City of Cushing	2.00	28,870,000	28,870,000	20,541,200	3	0	1	0	1
City of Groves	2.00	566,961,616	566,961,616	436,994,600	3	26,655,400	1	0	1
City of Henderson	0.00	796,570,289	796,570,289	614,721,000	4	0	4	18,960,400	4
City of Huntington	5.00	82,828,283	82,828,283	78,775,922	3	0	1	0	1
City of Jacksonville	3.00	1,061,610,101	844,277,680	570,152,070	4	0	1	0	1
City of Jasper	4.00	525,069,474	525,069,474	321,101,892	3	0	2	29,840,469	3
City of Lufkin	0.00	2,645,995,918	2,498,488,286	1,972,683,160	4	0	1	28,113,000	3
City of Nacogdoches	0.00	2,761,903,061	2,729,150,714	2,119,804,900	3	350,000	2	98,000,000	3
City of Nederland	4.00	737,387,755	701,710,204	570,235,000	4	0	1	0	1
City of Orange	5.00	1,003,845,833	1,003,845,833	535,415,000	5	0	1	0	1
City of Palestine	4.00	955,685,859	913,507,071	743,162,000	4	0	1	0	1
City of Port Arthur	0.00	6,167,052,143	6,167,052,143	3,665,511,000	1	0	1	383,502,600	3
City of Port Neches	5.00	517,251,111	517,251,111	380,262,100	3	0	3	22,430,000	3
City of Reklaw	5.00	15,086,000	15,086,000	10,211,200	2	0	1	0	1
City of San Augustine	5.00	190,103,000	121,881,947	93,232,000	2	0	3	17,474,000	5
City of Silsbee	4.00	259,265,050	259,265,050	204,265,300	2	0	1	0	2
City of Tyler	5.00	8,412,494,898	8,092,982,653	6,269,793,000	4	814,955	1	540,422,110	3
Evadale WCID 1	0.00	14,574,378	15,607,418	14,282,890	4	0	5	0	5
G-M WSC	2.00	143,369,919	190,412,414	127,811,020	4	0	1	0	1
Holmwood Angelina & Neches River Authori	0.00	11,732,760	11,732,760	10,062,046	3	0	5	121,487	2
Hudson WSC	2.00	258,995,918	258,995,918	248,000,000	4	0	1	0	1
Jasper County WCID 1	4.00	68,996,884	68,996,884	57,838,000	3	5,000	3	8,673,700	4
Jefferson County WCID 10	4.00	180,649,485	180,649,485	133,936,000	3	0	3	0	3
Lumberton MUD	5.00	693,837,337	693,837,337	621,409,000	3	0	5	0	1
Orange County WCID 1	4.00	413,999,000	413,999,000	306,594,740	5	1,320,000	4	528,502	4
Orange County WCID 2	4.00	114,014,141	114,014,141	88,403,000	4	0	5	0	3
Pleasant Springs WSC	5.00	0	31,005,000	27,748,000	2	0	5	0	5
Rayburn Country MUD	4.00	106,573,737	106,573,737	54,338,100	4	0	1	0	1
Southern Utilities	5.00	2,812,173,173	2,860,998,999	1,789,418,000	4	0	5	0	4



PWS Name	Unbilled Unmetered (c)	Unbilled Unmetered AS	Total Authorized Consumption (c)	Water Losses (c)	Customer Meter Accuracy Percentage	Customer Meter Accuracy Percentage AS	Customer Meter Accuracy Loss (c)	Data Handling Discrepancy	Data Handling Discrepancy AS
Beechwood WSC	309,700	3	23,098,700	1,677,300	98	2	465,082	0	2
BIG THICKET RETREAT	38,363	5	2,059,363	1,009,706	100	5	2,023	0	5
Cardinal Meadows Improvement District	60,284	3	4,596,586	226,151	99	1	45,821	0	2
City of Beaumont Water Utility Dept	19,890,000	3	5,311,468,988	1,614,659,242	99	4	51,504,599	0	4
City of Bridge City	4,159,583	3	68,823,583	263,943,083	90	3	7,176,556	50000	3
City of Carthage	7,688,375	1	654,073,850	-39,003,829	98	2	13,190,604	1615850	1
City of Center	18,396,583	2	935,512,383	112,595,313	95	3	42,735,916	0	1
City of Cushing	360,875	1	20,902,075	7,967,925	97	1	635,295	0	1
City of Groves	57,453,173	4	521,103,173	45,858,443	95	2	22,999,716	0	1
City of Henderson	30,000,000	4	663,681,400	132,888,889	98	3	12,545,327	0	4
City of Huntington	1,035,354	1	79,811,276	3,017,007	99	1	795,716	0	1
City of Jacksonville	8,640,000	2	578,792,070	265,485,610	92	2	49,578,441	0	4
City of Jasper	6,563,368	3	357,505,729	167,563,744	95	2	16,900,100	0	4
City of Lufkin	31,231,104	1	2,032,027,264	466,461,022	95	4	103,825,429	0	3
City of Nacogdoches	34,114,384	3	2,252,269,284	476,881,430	98	3	43,261,324	6500000	2
City of Nederland	8,771,378	1	579,006,378	122,703,827	98	3	11,637,449	0	1
City of Orange	12,548,073	1	547,963,073	455,882,760	96	2	22,308,958	0	1
City of Palestine	11,418,838	2	754,580,838	158,926,232	95	2	39,113,789	0	1
City of Port Arthur	77,088,152	3	4,126,101,752	2,040,950,391	95	3	192,921,632	0	2
City of Port Neches	6,465,639	4	409,157,739	108,093,372	96	4	15,844,254	26500000	2
City of Reklaw	4,123,850	1	14,335,050	750,950	93	2	768,585	0	1
City of San Augustine	1,523,524	3	112,229,524	9,652,423	95	2	4,906,947	0	3
City of Silsbee	3,240,813	3	207,506,113	51,758,936	98	2	4,168,680	0	4
City of Tyler	160,456,594	3	6,971,486,659	1,121,495,994	95	2	329,989,105	157448250	4
Evadale WCID 1	221,574	5	14,504,464	1,102,954	100	1	0	0	2
G-M WSC	2,380,155	3	130,191,175	60,221,239	95	4	6,726,896	0	1
Holmwood Angelina & Neches River Authori	0	4	10,183,533	1,549,227	98	2	205,348	0	2
Hudson WSC	3,237,449	1	251,237,449	7,758,469	95	1	13,052,632	0	1
Jasper County WCID 1	862,461	1	67,379,161	1,617,723	100	2	115,908	5000	4
Jefferson County WCID 10	2,258,119	2	136,194,119	44,455,366	95	3	7,049,263	0	2
Lumberton MUD	38,293,572	3	659,702,572	34,134,765	97	3	19,218,835	8374120	2
Orange County WCID 1	34,263,600	5	342,706,842	71,292,158	99	4	3,096,917	0	5
Orange County WCID 2	16,371,000	4	104,774,000	9,240,141	100	3	0	0	5
Pleasant Springs WSC	387,563	3	28,135,563	2,869,438	96	2	1,156,167	0	1
Rayburn Country MUD	1,332,172	1	55,670,272	50,903,466	97	5	1,680,560	0	1
Southern Utilities	35,762,487	3	1,825,180,487	1,035,818,512	99	4	18,074,929	100	4



**Appendix 1-B  
Water Loss Audits**

PWS Name	Unauthorized Consumption (c)	Unauthorized Consumption AS	Total Apparent Losses (c)	Reported Breaks Leaks	Reported Breaks Leaks AS	Unreported Loss (c)	Unreported Loss AS	Total Real Losses (c)	Apparent Plus Real Losses(c)
Beechwood WSC	20,000	4	485,082	250,000	5	942,218	2	1,192,218	1,677,300
BIG THICKET RETREAT	7,673	5	9,696	196,275	5	803,735	4	1,000,010	1,009,706
Cardinal Meadows Improvement District	12,057	2	57,878	0	3	168,273	1	168,273	226,151
City of Beaumont Water Utility Dept	17,315,321	2	68,819,920	134,180,327	4	1,411,658,995	1	1,545,839,322	1,614,659,242
City of Bridge City	831,917	3	8,058,472	150,000	3	255,734,611	3	255,884,611	263,943,083
City of Carthage	1,537,675	2	16,344,129	1,223,000	2	-56,570,958	1	-55,347,958	-39,003,829
City of Center	2,620,269	2	45,356,185	2,317,936	4	64,921,192	1	67,239,128	112,595,313
City of Cushing	72,175	1	707,470	0	1	7,260,455	1	7,260,455	7,967,925
City of Groves	1,417,404	2.5	24,417,120	2,520,000	1	18,921,323	1	21,441,323	45,858,443
City of Henderson	3,000,000	3	15,545,327	10,000,000	2	107,343,563	3	117,343,563	132,888,889
City of Huntington	207,071	1	1,002,787	0	1	2,014,220	1	2,014,220	3,017,007
City of Jacksonville	2,110,694	2	51,689,135	175,000,000	1	38,796,475	1	213,796,475	265,485,610
City of Jasper	1,312,674	2.5	18,212,773	850,000	4	148,500,971	1	149,350,971	167,563,744
City of Lufkin	6,246,221	2.5	110,071,650	34,299,171	4	322,090,201	3	356,389,372	466,461,022
City of Nacogdoches	6,822,877	2.5	56,584,201	1,400,000	3	418,897,229	3	420,297,229	476,881,430
City of Nederland	1,754,276	1	13,391,724	100,000	4	109,212,102	1	109,312,102	122,703,827
City of Orange	2,509,615	0.5	24,818,573	0	1	431,064,188	1	431,064,188	455,882,760
City of Palestine	2,283,768	2	41,397,557	526,000	2	117,002,675	2	117,528,675	158,926,232
City of Port Arthur	15,417,630	4	208,339,262	99,951,100	5	1,732,660,029	1	1,832,611,129	2,040,950,391
City of Port Neches	1,293,128	4	43,637,382	8,700,000	2	55,755,990	3	64,455,990	108,093,372
City of Reklaw	37,715	1	806,300	4,123,850	2	-4,179,200	1	-55,350	750,950
City of San Augustine	304,705	1	5,211,652	1,715,000	1	2,725,771	3	4,440,771	9,652,423
City of Silsbee	648,163	3.5	4,816,842	4,200,000	5	42,742,094	1	46,942,094	51,758,936
City of Tyler	20,232,457	2	507,669,812	35,110,635	4	578,715,547	2	613,826,182	1,121,495,994
Evadale WCID 1	39,019	1.5	39,019	8,981,097	2	-7,917,162	1	1,063,935	1,102,954
G-M WSC	476,031	2.5	7,202,927	32,000	3	52,986,312	2	53,018,312	60,221,239
Holmwood Angelina & Neches River Authori	29,332	2	234,680	72,000	3	1,242,548	2	1,314,548	1,549,227
Hudson WSC	647,490	1	13,700,121	5,000,000	3	-10,941,652	2	-5,941,652	7,758,469
Jasper County WCID 1	172,492	2	293,400	100,000	1	1,224,323	2	1,324,323	1,617,723
Jefferson County WCID 10	451,624	2	7,500,887	20,442,744	3	16,511,735	3	36,954,479	44,455,366
Lumberton MUD	1,734,593	2	29,327,548	7,318,516	3	-2,511,299	2	4,807,217	34,134,765
Orange County WCID 1	1,034,998	4.5	4,131,914	1,501,000	5	65,659,244	4	67,160,244	71,292,158
Orange County WCID 2	285,035	2	285,035	8,100,000	5	855,106	2	8,955,106	9,240,141
Pleasant Springs WSC	77,513	2.5	1,233,679	0	4	1,635,758	2	1,635,758	2,869,438
Rayburn Country MUD	266,434	1	1,946,994	38,620,000	3	10,336,472	2	48,956,472	50,903,466
Southern Utilities	7,152,497	2.5	25,227,527	722,093,000	4	288,497,985	4	1,010,590,985	1,035,818,512



**Appendix 1-B  
Water Loss Audits**

PWS Name	Nonrevenue Water (c)	Apparent Loss Connections (c)	Real Loss Volume (c)	Unavoidable Annual Real Losses (c)	Infrastructure Leakage Index (c)	Real Loss Connections (c)	Real Loss Miles (c)	Total Apparent Losses 2 (c)	Retail Price Of Water
Beechwood WSC	1,987,000	3	1,192,218	0	0	6	0	485,082	0.00
BIG THICKET RETREAT	1,048,069	1	1,000,010	0	0	0	559	9,696	0.04
Cardinal Meadows Improvement District	286,435	3	168,273	0	0	7	0	57,878	0.01
City of Beaumont Water Utility Dept	1,827,172,930	3	1,545,839,322	279,327,989	6	68	0	68,819,920	0.00
City of Bridge City	268,177,667	6	255,884,611	19,444,463	13	182	0	8,058,472	7.00
City of Carthage	-31,269,579	11	-55,347,958	0	0	0	0	16,344,129	0.00
City of Center	236,125,296	51	67,239,128	0	0	0	2193	45,356,185	0.00
City of Cushing	8,328,800	5	7,260,455	0	0	47	0	707,470	0.00
City of Groves	103,311,616	10	21,441,323	29,761,706	1	9	0	24,417,120	0.00
City of Henderson	181,849,289	7	117,343,563	29,732,900	4	51	0	15,545,327	0.01
City of Huntington	4,052,361	3	2,014,220	0	0	0	145	1,002,787	0.00
City of Jacksonville	274,125,610	23	213,796,475	47,403,280	5	95	0	51,689,135	0.00
City of Jasper	203,967,582	11	149,350,971	51,504,420	3	0	2098	18,212,773	0.00
City of Lufkin	525,805,126	17	356,389,372	162,925,878	2	0	1405	110,071,650	0.00
City of Nacogdoches	608,995,814	8	420,297,229	103,140,240	4	61	0	56,584,201	0.00
City of Nederland	131,475,204	4	109,312,102	39,086,186	3	34	0	13,391,724	0.00
City of Orange	468,430,833	8	431,064,188	49,581,600	9	132	0	24,818,573	0.00
City of Palestine	170,345,071	16	117,528,675	75,676,509	2	0	1171	41,397,557	0.00
City of Port Arthur	2,501,541,143	26	1,832,611,129	104,669,043	18	227	0	208,339,262	0.00
City of Port Neches	136,989,011	22	64,455,990	35,565,874	2	0	706	43,637,382	0.00
City of Reklaw	4,874,800	11	-55,350	0	0	0	0	806,300	0.01
City of San Augustine	28,649,947	13	4,440,771	0	0	11	0	5,211,652	0.00
City of Silsbee	54,999,750	4	46,942,094	13,588,585	3	39	0	4,816,842	0.00
City of Tyler	1,822,374,698	39	613,826,182	205,980,888	3	47	0	507,669,812	0.00
Evadale WCID 1	1,324,528	0	1,063,935	0	0	11	0	39,019	27.50
G-M WSC	62,601,394	6	53,018,312	19,097,348	3	43	0	7,202,927	0.00
Holmwood Angelina & Neches River Authori	1,670,714	4	1,314,548	0	0	0	643	234,680	0.00
Hudson WSC	10,995,918	11	-5,941,652	27,434,404	0	0	0	13,700,121	0.01
Jasper County WCID 1	11,153,884	1	1,324,323	0	0	3	0	293,400	0.01
Jefferson County WCID 10	46,713,485	13	36,954,479	0	0	64	0	7,500,887	0.00
Lumberton MUD	72,428,337	9	4,807,217	59,751,026	0	0	46	29,327,548	0.00
Orange County WCID 1	106,084,260	2	67,160,244	31,706,528	2	29	0	4,131,914	0.01
Orange County WCID 2	25,611,141	0	8,955,106	0	0	12	0	285,035	0.01
Pleasant Springs WSC	3,257,000	10	1,635,758	0	0	14	0	1,233,679	0.00
Rayburn Country MUD	52,235,637	6	48,956,472	0	0	0	2579	1,946,994	0.01
Southern Utilities	1,071,580,999	4	1,010,590,985	198,418,818	5	141	0	25,227,527	0.01





**Appendix 1-B  
Water Loss Audits**

PWS Name	Retail Price Of Water AS	Cost Of Apparent Losses (c)	Real Losses Duplicate 2 (c)	Variable Production Cost Of Water	Variable Production Cost Of Water AS	Cost Of Real Losses (c)	Total Assessment Score (c)	Total Cost Of Losses (c)	Total Loss Percent (c)
Beechwood WSC	5.00	1,392	1,192,218	0	5	5,961	7353	14,093	6.77
BIG THICKET RETREAT	4.00	375	1,000,010	0	5	400	775	11,357,934	32.90
Cardinal Meadows Improvement District	1.00	289	168,273	0	1	841	1131	5,097	4.69
City of Beaumont Water Utility Dept	4.00	303,496	1,545,839,322	0	4	431,289	734785	1,832,175	23.31
City of Bridge City	3.50	56,409,306	255,884,611	0	3	31,730	56441035	26,285	79.32
City of Carthage	3.00	62,925	-55,347,958	0	1	-61,990	935	944	0.00
City of Center	3.00	172,354	67,239,128	0	3	47,740	220093	21,922	10.74
City of Cushing	2.00	3,184	7,260,455	0	2	32,672	35856	222,285	27.60
City of Groves	3.00	84,239	21,441,323	0	3	42,454	126693	140,310	8.09
City of Henderson	5.00	116,745	117,343,563	0	5	199,484	316229	1,662,634	16.68
City of Huntington	2.00	4,773	2,014,220	0	1	9,588	14361	45,135,249	3.64
City of Jacksonville	2.00	133,875	213,796,475	0	2	162,485	296360	22,718	31.45
City of Jasper	2.00	42,254	149,350,971	0	2	4,481	46734	159,362	31.91
City of Lufkin	3.50	243,258	356,389,372	0	3	345,698	588956	0	18.67
City of Nacogdoches	4.00	234,259	420,297,229	0	3	210,149	444407	8,221,032	17.47
City of Nederland	2.50	34,818	109,312,102	0	3	89,636	124454	2,996,671	17.49
City of Orange	3.00	64,528	431,064,188	0	3	1,120,767	1185295	4,537	45.41
City of Palestine	2.00	145,719	117,528,675	0	2	99,899	245619	114,549	17.40
City of Port Arthur	4.00	962,527	1,832,611,129	0	2	8,466,663	9429191	252,365	33.09
City of Port Neches	4.00	139,640	64,455,990	0	4	36,740	176380	116,040,113	20.90
City of Reklaw	4.00	6,209	-55,350	0	4	-28	6181	17,344,760	4.98
City of San Augustine	3.00	22,723	4,440,771	0	3	138	22860	2,646,463	7.92
City of Silsbee	1.00	12,042	46,942,094	0	3	469,421	481463	114,908	19.96
City of Tyler	2.00	1,644,850	613,826,182	0	3	209,929	1854779	205,897,800	13.86
Evadale WCID 1	3.50	1,073,010	1,063,935	11690	2	12,436,904,893	12437977903	352,035	7.07
G-M WSC	1.00	26,291	53,018,312	0	2	190,336	216626	487,905	31.63
Holmwood Angelina & Neches River Authori	2.00	526	1,314,548	0	4	2,945	3470	4,559,158	13.20
Hudson WSC	4.00	99,874	-5,941,652	0	4	-28,538	71336	42	3.00
Jasper County WCID 1	2.00	1,467	1,324,323	0	3	1,059	2526	1,490	2.34
Jefferson County WCID 10	3.00	27,003	36,954,479	0	3	36,954	63958	211,101,851	24.61
Lumberton MUD	3.50	85,050	4,807,217	0	4	1,058	86107	146,923	4.92
Orange County WCID 1	5.00	21,486	67,160,244	0	5	12,089	33575	787	17.22
Orange County WCID 2	3.00	1,861	8,955,106	0	4	1,881	3742	248	8.10
Pleasant Springs WSC	2.00	4,935	1,635,758	0	3	6,543	11478	39,681,784	9.25
Rayburn Country MUD	2.00	22,390	48,956,472	0	3	41,613	64003	813	47.76
Southern Utilities	3.50	141,779	1,010,590,985	0	4	212,224	354003	32,717	36.20



*This page intentionally left blank*

