

Appendix B: List of non-contracted reservoirs re-assessed and summary of results

Reservoir	Survey date	Method	Original published			Re-calculated			% difference			Boundary edited	Survey points edited	Notes
			Area (acres)	Total capacity (acre-feet)	Total pre-impoundment capacity (acre-feet)	Area (acres)	Total capacity (acre-feet)	Total pre-impoundment capacity (acre-feet)	Area (Re-calculated - Original published / Original published *100)	Total capacity (Re-calculated - Original published / Original published *100)	Total pre-impoundment capacity (Re-calculated - Original published / Original published *100)			
Alan Henry Reservoir	2005-07	SSI	2741	94808	N/A	2741	98974	N/A	0.00	4.39	N/A			
Aquilla Lake	2008-03	AEIDW	3,066	44,566	N/A	3,098	44,568	N/A	1.04	0.00	N/A	✓	✓	Re-calculated to ensure best boundary available utilizing Lidar
Arlington, Lake	2007-12	SSI	1,926	40,188	N/A	1,926	40,216	N/A	0.00	0.07	N/A			
Coleman, Lake	2006-08	SSI	1,811	38,094	N/A	1,814	37,976	N/A	0.17	-0.31	N/A			
Conroe, Lake	2010-08	AEIDW	19,640	411,022	433,081	19,640	412,200	434,407	0.00	0.29	0.31			
Cypress Springs, Lake	2007-07	SSI	3,252	66,756	70,563	3,252	66,787	70,592	0.00	0.05	0.04			
Eagle Mountain	2008-02	SSI	8,694	179,880	195,741	8,694	179,981	N/A	0.00	0.06	N/A			
Fork Reservoir, Lake	2009-10	SSI	26,889	636,504	691,255	26,889	637,529	693,040	0.00	0.16	0.26			
Gibbons Creek Reservoir	2008-03	SSI	2,576	27,603	28,541	2,576	27,655	28,593	0.00	0.19	0.18			Total at normal operating levels, cubic spline interpolation used
Granger Lake	2008-08	AEIDW	4,203	50,779	56,961	4,203	51,370	57,697	0.00	1.16	1.29			Published using SSI, 1995 and 2002 originally re-calculated in 2008 using SSI
Granger Lake	2013-03	AEIDW	4,159	51,822	56,828	4,159	51,926	56,980	0.00	0.20	0.27			
Grapevine Lake	2011-09	AEIDW	6,707	163,064	N/A	6,707	164,244	N/A	0.00	0.72	N/A			
Houston, Lake	2011-12	AEIDW	10,160	124,661	144,275	10,940	126,900	147,061	7.68	1.80	1.93			
Lewisville, Lake	2007-09	SSI	27,175	598,902	627,505	27,175	598,994	N/A	0.00	0.02	N/A			
Limestone, Lake	2012-04	AEIDW	12,486	203,780	220,130	12,486	203,850	220,298	0.00	0.03	0.08			
Navarro Mills Lake	2008-04	SSI	4,736	49,827	55,522	4,736	49,896	55,599	0.00	0.14	0.14			
O' the Pines, Lake	2009-12	SSI	17,638	241,363	274,443	17,638	241,363	283,406	0.00	0.00	3.27			
Pat Cleburne Lake	2008-07	SSI	1,568	26,008	N/A	1,568	25,998	N/A	0.00	-0.04	N/A			
Pat Mayse Lake	2008-07	SSI	5,638	117,844	N/A	5,665	117,856	N/A	0.48	0.01	N/A			
Proctor Lake	2012-02	AEIDW	4,615	54,762	62,631	4,666	54,803	62,683	1.11	0.07	0.08			
Ray Roberts Lake	2008-10	SSI	28,646	788,490	796,875	28,646	788,569	796,920	0.00	0.01	0.01			
Somerville Lake	2012-04	AEIDW	11,395	150,293	167,353	11,395	150,501	167,666	0.00	0.14	0.19			
Tawakoni, Lake	2009-08	SSI	37,325	871,693	981,303	37,325	873,242	983,579	0.00	0.18	0.23			
Texana, Lake	2010-03	SSI	9,676	159,845	171,307	9,676	160,944	172,529	0.00	0.69	0.71			
Tyler, Lake	2013-01	AEIDW	4,714	77,284	82,097	4,817	78,399	84,395	2.18	1.44	2.80			
Weatherford, Lake	2008-08	SSI	1,112	17,812	19,738	1,112	17,949	19,913	0.00	0.77	0.89			
Wright Patman Lake	2010-06	SSI	18,247	97,927	137,336	18,247	97,927	137,336	0.00	0.00	0.00			Results at elevation 220.6 feet