

APPENDIX B

MONTGOMERY COUNTY WATER DEMAND PROJECTIONS

1 Large Volume Groundwater User (LVGU)	2 SJRA Joint GRP Participants	3 2009 Total Qualifying Demand (MGD)	4 Region H WUG	5 Demand Basis	6 LSGCD 2007 - 2009 Pumpage	WRAP II Questionnaire		9 Water Demand Projection Method	WRAP II Questionnaire			H-GAC Population						Unit Demand (gpcd)		21 WUG Breakout (2007-2009)	Region H WUGs 2011 (MGD)				26 LSGCD Average Pumpage 2007-2009 (MGD)	27 Special Values	Joint SJRA GRP Projected Demands (mgd)			
						2007 Connect's	2045 Demand		2007 Connect's	Estimate (mgy 2045)	2045 Demand (mgd)	Average 2005 - 2007	2015	2016	2025	2035	2045	Based on Population (gpcd)	Based on Connections (gpcd)		2016	2025	2035	2045			2016	2025	2035	2045
																								2016			2025	2035	2045	
City of Conroe	Y	9.00	Y	Muni	Y	Y	N	1	13,503			39,348	56,901	59,518	83,071	96,564	107,028		160		11.86	14.77	18.52	23.14	8.44		11.86	14.77	18.52	23.14
City of Cut and Shoot	Y	0.30	Y	Muni	Y	Y	Y	1	1,085	803	2.20	7,297	9,657	9,820	11,290	14,213	18,298		66		0.20	0.23	0.28	0.35	0.25		0.20	0.23	0.28	0.35
City of Magnolia	Y	0.58	Y	Muni	Y	Y	N	1	950			2,110	5,052	5,275	7,283	7,947	8,348		116		0.48	0.63	0.81	1.03	0.42		0.48	0.63	0.81	1.03
City of Oak Ridge North	Y	0.49	Y	Muni	Y	Y	Y	1	1,149	157	0.43	3,800	5,076	5,149	5,805	6,221	6,398		123		0.65	0.73	0.88	1.06	0.42		0.65	0.73	0.88	1.06
City of Splendora	Y	0.82	Y	Muni	Y	N	N	1				1,000	1,238	1,262	1,473	2,016	2,767	128		0.19	0.23	0.30	0.40	0.74		0.19	0.23	0.30	0.40	
City of Willis	Y	0.82	Y	Muni	Y	Y	Y	1	2,191	523	1.43	3,410	4,931	5,237	7,992	8,824	10,096		54		0.55	0.65	0.82	1.04	0.65		0.55	0.65	0.82	1.04
City of Woodbranch	Y	0.14	Y	Muni	Y	Y	N	1	349			1,338	2,065	2,081	2,224	2,504	2,800		100		0.17	0.19	0.21	0.24	0.10		0.17	0.19	0.21	0.24
Consumers Water Inc. (Pioneer Trails)	Y	0.04	Y	Muni	Y	Y	Y	1	120	20	0.05	540	798	805	862	1,123	1,377		113	25.05%	0.05	0.06	0.08	0.10	0.04		0.05	0.06	0.08	0.10
Consumers Water Inc. (Porter Terrace)	Y	0.03	Y	Muni	Y	Y	Y	1	97	11	0.03	199	282	296	429	469	570		98	18.52%	0.04	0.04	0.06	0.07	0.03		0.04	0.04	0.06	0.07
Consumers Water Inc. (Spring Forest)	Y	0.10	Y	Muni	Y	Y	Y	1	245	35	0.10	1,035	1,310	1,325	1,468	1,929	2,298		112	56.42%	0.12	0.12	0.17	0.21	0.08		0.12	0.12	0.17	0.21
HMW SUD (Allenwood)	Y	0.05	Y	Muni	Y	Y	Y	1	110	14	0.04	295	442	442	442	535	762		126	5.17%	0.08	0.10	0.12	0.14	0.04		0.08	0.10	0.12	0.14
HMW SUD (Armadillo Woods)	Y	0.05	Y	Muni	Y	Y	Y	1	208	17	0.05	216	269	269	270	337	335		66	5.91%	0.10	0.11	0.13	0.16	0.04		0.10	0.11	0.13	0.16
HMW SUD (Coe Country)	Y	0.19	Y	Muni	Y	Y	Y	1	589	65	0.18	149	243	243	243	248	259		101	23.81%	0.39	0.44	0.54	0.66	0.17		0.39	0.44	0.54	0.66
HMW SUD (Hunters Retreat)	Y	0.11	Y	Muni	Y	Y	N	1	356			594	659	659	657	661	659		85	12.60%	0.20	0.23	0.28	0.35	0.09		0.20	0.23	0.28	0.35
HMW SUD (Kipling Oaks 1)	Y	0.10	Y	Muni	Y	Y	Y	1	374	35	0.09	322	359	359	359	465	650		74	10.98%	0.18	0.20	0.25	0.30	0.08		0.18	0.20	0.25	0.30
HMW SUD (Kipling Oaks 2)	Y	0.21	Y	Muni	Y	Y	Y	1	352	69	0.19	261	289	289	289	306	603		128	19.50%	0.32	0.36	0.44	0.54	0.14		0.32	0.36	0.44	0.54
HMW SUD (Sendera)	Y	0.09	Y	Muni	Y	Y	Y	1	144	22	0.06	508	849	876	1,115	1,236	1,306		128	8.70%	0.14	0.16	0.20	0.24	0.06		0.14	0.16	0.20	0.24
HMW SUD (Towering Oaks)	Y	0.11	Y	Muni	Y	Y	Y	1	245	35	0.10	84	107	109	127	179	321		104	11.29%	0.18	0.21	0.25	0.31	0.08		0.18	0.21	0.25	0.31
MC MUD No. 19	Y	0.60	Y	Muni	Y	Y	Y	1	231	191	0.52	1,523	2,153	2,156	2,182	2,227	2,212		128		0.41	0.40	0.40	0.40	0.54		0.41	0.40	0.40	0.40
MC UD No. 2	Y	0.44	Y	Muni	Y	Y	Y	1	1,119	222	0.61	707	888	907	1,076	1,329	1,729		97		0.50	0.49	0.48	0.48	0.34		0.50	0.49	0.48	0.48
MC WCID No. 1	Y	0.51	Y	Muni	Y	N	N	1				3,981	5,241	5,272	5,545	5,804	5,999	72			0.46	0.49	0.55	0.63	0.26		0.46	0.49	0.55	0.63
New Caney MUD	Y	1.05	Y	Muni	Y	Y	Y	1	3,441	705	1.93	7,997	12,105	12,278	13,836	17,502	22,567		84		1.42	1.70	2.17	2.77	0.86		1.42	1.70	2.17	2.77
Patton Village (East)	Y	0.06	Y	Muni	Y	Y	Y	1	170	26	0.07	1,187	1,471	1,552	2,282	2,752	3,653		96	55.23%	0.04	0.04	0.06	0.06	0.05		0.04	0.04	0.06	0.06
Patton Village (West)	Y	0.05	Y	Muni	Y	Y	Y	1	163	14	0.04	4	4	4	22															

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						7 2007 Connect's	8 2045 Demand		10 2007 Connect's	11 Estimate (mgy 2045)	12 2045 Demand (mgd)	Average 2005 - 2007	13 2015	14 2016	15 2025	16 2035	17 2045	18 Based on Population (gpcd)	19 Based on Connections (gpcd)		20 2016	22 2025	23 2035	24 2045			28 2025	29 2035	30 2045	
						20 2016	21 2025		22 2025	23 2035																				
C & R Water Supply Inc (Bridgepoint Water System) fka Wagner Services	Y	0.03	N	Muni	Y	N	N	6																			0.03	0.03	0.03	0.03
C & R Water Supply Inc (Clear Water Cove) fka Wagner Services	Y	0.05	N	Muni	Y	N	N	3				72	81	85	123	217	341	128									0.04	0.04	0.04	0.04
C & R Water Supply Inc (Emerson Estates) fka Wagner Services	Y	0.10	N	Muni	Y	N	N	6																			0.09	0.09	0.09	0.09
C & R Water Supply Inc (Rogers Road WS) fka Wagner Services	Y	0.06	N	Muni	Y	N	N	6				519	675	707	993	1,292	1,820	79									0.05	0.05	0.05	0.05
C & R Water Supply, Inc. (Timberline Estates) (fka Wagner Services)	Y	0.06	N	Muni	Y	N	N	6				9	10	10	10	10	10	128								0.04	0.04	0.04	0.04	
Cape Malibu Water Supply Inc.	Y	0.04	N	Muni	Y	Y	Y	2	118	22	0.06	120	264	264	314	312			92								0.03	0.03	0.04	0.06
Clover Creek MUD	Y	0.08	N	Muni	Y	Y	Y	3	182			308	344	348	386	427	459		98								0.06	0.06	0.06	0.06
Conroe ISD (Moorehead Jr. High/Caney Creek High)	Y	0.03	N	LU	Y	Y	Y	2	4	21	0.06															0.04	0.05	0.05	0.06	
Conroe Resort Utilities, LLC (fka D L Utilities)	Y	0.29	N	Muni	Y	N	N	3				395	592	604	712	1,153	1,167	128								0.17	0.17	0.17	0.17	
Corinthian Point MUD No.2	Y	0.15	N	Muni	Y	Y	Y	2	273	53	0.14	482	549	554	603	603	602		128							0.12	0.12	0.13	0.14	
Cypresswood Estates Water System	Y	0.07	N	Muni	Y	N	N	3				40	44	44	44	52	64	128								0.06	0.06	0.06	0.06	
Del Lago Estates	Y	0.08	N	Muni	Y	Y	Y	2	49	22	0.06	86	84	84	83	85	85	128								0.05	0.05	0.06	0.06	
Diamondhead Water & Sewer	Y	0.06	N	Muni	Y	Y	N	3	156			46	53	53	53	83	83	92								0.04	0.04	0.04	0.04	
Dobbin-Plantersville WSC	Y	0.26	N	Muni	Y	N	N	3				5,249	8,193	8,740	13,660	27,682	47,326	38								0.24	0.54	0.94	1.38	1.81
Domestic Water Company	Y	0.13	N	Muni	Y	N	N	3				396	600	632	920	1,157	1,242	128								0.10	0.11	0.13	0.14	0.16
East Montgomery County Mud 3	Y	0.09	N	Muni	Y	Y	Y	7	11	327	0.90	17	22	23	33	319	529	128	128							0.07	0.12	0.12	0.12	0.12
Everett Square Inc. (Windcrest Est., Honea Egypt, Part of 1488 System)	Y	0.04	N	Muni	Y	Y	Y	2	74	13	0.04	67	184	184	185	221	376		128							0.04	0.04	0.04	0.04	0.04
Everett Square, Inc. (Shady Oaks)	Y	0.07	N	Muni	Y	Y	Y	2	191	14	0.04	110	135	135	136	137	138	58								0.03	0.03	0.04	0.04	0.04
Far Hills Utility District Gallant GP, LLC (Wedgewood Golf Course) (fka Wedgewood Golf Course)	Y	0.18	N	Muni	Y	Y	Y	2	399	189	0.52	328	374	380	428	594	656		126							0.17	0.23	0.32	0.42	0.52
H.H.J., Inc / Decker Utilities	Y	0.21	N	LU	Y	N	N	7																		0.13	0.13	0.13	0.13	0.13
Johnston's Utilities, Inc.	Y	0.16	N	Muni	Y	Y	Y	2	510	245	0.67	610	820	865	1,270	2,402	3,201		128							0.16	0.16	0.16	0.16	0.16
Keenan Water Supply Corp.	Y	0.43	N	Muni	Y	Y	Y	2	274			1,020	1,347	1,413	2,007	2,785	4,024	77	77						0.34	0.41	0.49	0.58	0.67	
Kings Manor MUD	Y	0.42	N	Muni	Y	Y	Y	2	1,655	136	0.37	840	1,099	1,128	1,386	1,411	1,413		66							0.33	0.34	0.35	0.36	0.37
Lake Bonanza Water Supply Corp.	Y	0.16	N	Muni	Y	Y	N	3	621			1,604	1,853	1,871	2,034	2,690	3,685		61							0.13	0.13	0.13	0.13	0.13
Lake Conroe Hills MUD	Y	0.15	N	Muni	Y	N	N	3				426	557	557	559	635	849	128								0.12	0.12	0.12	0.12	0.12
Lake South Water Supply	Y	0.07	N	Muni	Y	N	N	3				285	443	504	1,058	1,105	1,158	128								0.06	0.08	0.10	0.12	0.15
Lakeland Section 4 Civic Club	Y	0.06	N	LU	Y	N	N	7																		0.03	0.03	0.03	0.03	0.03
Lazy River Improvement District	Y	0.14	N	Muni	Y</td																									

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																								2016			2025	2035	2045		
Austin/Texas Golf Ventures, LP	N	0.22	N	LU	Y	Y	Y		7	3	61	0.17														0.12	0.14	0.14	0.14	0.14	
Benders Landing POA (Lexington) fka Lipar Group	N	0.12	N	LU	Y	N	N		7																	0.03	0.03	0.03	0.03	0.03	
Bentwater Yacht & Country Club (Miller #4)	N	0.21	N	LU	Y	N	N		7																	0.15	0.15	0.15	0.15	0.15	
Chateau Woods MUD	N	0.19	N	Muni	Y	Y	Y		2	725	88	0.24	1,074	1,739	1,760	1,944	2,235	2,681		76						0.18	0.19	0.21	0.22	0.24	
Crown Oaks P.O.A. Inc.	N	0.04	N	LU	Y	N	N		7																	0.03	0.03	0.03	0.03	0.03	
E.B.J.V., Inc. (FM 1488)	N	0.03	N	LU	Y	N	N		6																	0.03	0.03	0.03	0.03	0.03	
E.B.J.V., Inc. (JFP Yard)	N	0.01	N	LU	Y	N	N		6																	0.01	0.01	0.01	0.01	0.01	
Eastwood Hills Mobile Home Park	N	0.03	N	Muni	Y	N	N		6																	0.03	0.03	0.03	0.03	0.03	
Fellowship of the Woodlands	N	0.04	N	LU	Y	N	N		6																	0.03	0.03	0.03	0.03	0.03	
HMRG3 LLC	N	0.18	N	LU	Y	Y	N		6	1																0.14	0.14	0.14	0.14	0.14	
Huntsman Petrochemical Corp.	N	0.87	N	LU	Y	Y	Y		2	3	230	0.63														0.50	0.52	0.56	0.59	0.63	
Lake Forest Falls	N	0.05	N	Muni	Y	N	N		3				358	412	412	414	433	481	116							0.05	0.05	0.05	0.05	0.06	
Lake Windcrest POA, Inc.	N	0.14	N	LU	Y	N	N		7																	0.02	0.02	0.02	0.02	0.02	
Legends Holding Company, L.P.	N		N	LU	N	N	N		7																						
Legends Trace Interests, Ltd	N		N	LU	N	N	N		7																						
Magnolia ISD (Magnolia High School)	N	0.08	N	LU	Y	Y	N		6	4																0.04	0.04	0.04	0.04	0.04	
Magnolia ISD (West High School)	N	0.08	N	LU	Y	Y	N		6	4																0.05	0.05	0.05	0.05	0.05	
Maverick Tube, LLC dba Tenaris Conroe	N	0.06	N	LU	Y	Y	N		6	2																0.05	0.05	0.05	0.05	0.05	
MC MUD No. 56	N	0.11	N	Muni	Y	Y	N		3	306			56	115	116	119	141	187		79						0.08	0.08	0.09	0.09	0.10	
Montgomery I S D (Montgomery High School, Irrg)	N	0.03	N	LU	Y	Y	N		6	1																0.01	0.01	0.01	0.01	0.01	
Montgomery Place Water System	N	0.03	N	Muni	Y	Y	Y		2	59	7	0.02	77	87	87	87	90	154		111						0.02	0.02	0.02	0.02	0.02	
Montgomery Trace POA	N	0.09	N	LU	Y	N	Y		7		25	0.07														0.03	0.03	0.03	0.03	0.03	
Panorama Village Golf Management, LLC fka Panorama Village Country Club	N	0.10	N	LU	Y	Y	Y		7	1	20	0.05														0.02	0.02	0.02	0.02	0.02	
Portfolio Shopping Center (Select Strategies Brokerage -OZ Division, Inc)	N	0.04	N	LU	Y	N	N		6																	0.03	0.03	0.03	0.03	0.03	
Quadvest, LP. (McCall Sound)	N	0.02	N	Muni	Y	Y	Y		2	15	12	0.03	8	9	9	9	10	11		36						0.01	0.01	0.02	0.03	0.03	
Ridge Lake Shores POA	N	0.24	N	LU	Y	N	Y		7		20	0.05														0.09	0.09	0.09	0.09	0.10	
River Plantation Mgt LLC (fka River Plantation Country Club)	N	0.14	N	LU	Y	N	N		7																	0.05	0.05	0.05	0.05	0.05	
Splendora ISD	N	0.03	N	LU	Y	N	N		6																	0.01	0.01	0.01	0.01	0.01	
SR Superior, LLC (fka New Millennium Farms)	N	0.21	N	LU	Y	N	N		6																	0.16	0.16	0.16	0.16	0.16	
Texas National Golf Club	N	0.12	N	LU	Y	N	N		7																	0.10	0.10	0.10	0.10	0.10	
The Woodlands Land Development Company, LP	N	0.51	N	LU	Y	N	N		6																	0.30	0.30	0.30	0.30	0.30	
Town of Woodloch	N	0.10	N	Muni	Y	N	N		3				167	189	189	189	191</td														