

Appendix G-1

Detailed Demands by River Reach

Scenario 1 - 2011 Total System Water Usage¹	
Reach	acft/yr
Possum Kingdom Lake	2,987
Possum Kingdom Lake Dam to Palo Pinto gage	2
Palo Pinto gage to Dennis gage	638
Dennis gage to Lake Granbury Dam	68,420
Lake Granbury Dam to Glen Rose gage	1,664
Glen Rose gage to Lake Whitney Dam	1,457
Lake Whitney Dam to Aquilla Creek/Brazos Rv confluence	2,723
Lake Aquilla	6,832
Lake Aquilla Dam to Aquilla Creek gage	0
Aquilla Creek gage to Aquilla Creek/Brazos Rv confluence	0
Aquilla Creek/ Brazos confluence to Highbank gage	1,652
Lake Proctor	8,203
Lake Proctor Dam to Leon Rv at Gatesville gage	0
Leon Rv at Gatesville to Lake Belton Dam	43,464
Lake Belton Dam to Leon Rv nr Belton gage	13,583
Leon Rv nr Belton gage to Little River gage	218
Lake Stillhouse Hollow	8,658
Lake Stillhouse Hollow Dam to Lampasas Rv nr Belton gage	8
Lampasas Rv nr Belton gage to Little River gage	0
Little River gage to Little Rv/San Gabriel Rv confluence	0
Lake Georgetown	39,810
Lake Georgetown Dam to N San Gabriel gage	0
N San Gabriel gage to Lake Granger Dam	4,255
Lake Granger Dam to Laneport gage	0
Laneport gage to Little Rv/San Gabriel confluence	0
Little/San Gabriel confluence to Little Rv at Cameron gage	5,540
Cameron gage to Brazos Rv/Little Rv confluence	0
Highbank gage to Brazos Rv/Little Rv confluence	0
Brazos Rv/Little Rv confluence to Bryan gage	2,075
Bryan gage to Brazos Rv/Yegua Crk confluence	68
Lake Somerville	4,102
Lake Somerville Dam to Yegua Crk gage	0
Yegua Crk gage to Brazos Rv/Yegua Crk confluence	0
Brazos Rv/Yegua Crk confluence to Brazos Rv/Navasota Rv confluence	1
Lake Limestone	51,736
Lake Limestone Dam to Easterly gage	0
Easterly gage to Brazos Rv/Navasota Rv confluence	1,814
Brazos Rv/Navasota Rv confluence to Hempstead gage	0
Hempstead gage to Richmond gage	41,925
Richmond gage to Gulf of Mexico	176,019
Total	487,851
¹ Includes interruptible and third-party assignments	

Scenario 2 - 2025 Projected Demands w/o CPNPP Expansion	
Reach	acft/yr
Possum Kingdom Lake	7,027
Possum Kingdom LakeDam to Palo Pinto gage	44
Palo Pinto gage to Dennis gage	324
Dennis gage to Lake Granbury Dam	75,844
Lake Granbury Dam to Glen Rose gage	379
Glen Rose gage to Lake Whitney Dam	1,687
Lake Whitney Dam to Aquilla Creek/Brazos Rv confluence	3,918
Lake Aquilla	10,186
Lake Aquilla Dam to Aquilla Creek gage	0
Aquilla Creek gage to Aquilla Creek/Brazos Rv confluence	0
Aquilla Creek/ Brazos confluence to Highbank gage	760
Lake Proctor	9,069
Lake Proctor Dam to Leon Rv at Gatesville gage	0
Leon Rv at Gatesville to Lake Belton Dam	43,890
Lake Belton Dam to Leon Rv nr Belton gage	24,901
Leon Rv nr Belton gage to Little River gage	200
Lake Stillhouse Hollow	21,024
Lake Stillhouse Hollow Dam to Lampasas Rv nr Belton gage	8
Lampasas Rv nr Belton gage to Little River gage	0
Little River gage to Little Rv/San Gabriel Rv confluence	0
Lake Georgetown	50,192
Lake Georgetown Dam to N San Gabriel gage	0
N San Gabriel gage to Lake Granger Dam	3,507
Lake Granger Dam to Laneport gage	0
Laneport gage to Little Rv/San Gabriel confluence	0
Little/San Gabriel confluence to Little Rv at Cameron gage	3,369
Cameron gage to Brazos Rv/Little Rv confluence	0
Highbank gage to Brazos Rv/Little Rv confluence	0
Brazos Rv/Little Rv confluence to Bryan gage	350
Bryan gage to Brazos Rv/Yegua Crk confluence	0
Lake Somerville	3,263
Lake Somerville Dam to Yegua Crk gage	0
Yegua Crk gage to Brazos Rv/Yegua Crk confluence	0
Brazos Rv/Yegua Crk confluence to Brazos Rv/Navasota Rv confluence	527
Lake Limestone	50,875
Lake Limestone Dam to Easterly gage	0
Easterly gage to Brazos Rv/Navasota Rv confluence	4,984
Brazos Rv/Navasota Rv confluence to Hempstead gage	0
Hempstead gage to Richmond gage	31,979
Richmond gage to Gulf of Mexico	233,855
TOTAL	582,162

Scenario 3 - 2025 Projected Demands w/ CPNPP Expansion	
Reach	acft/yr
Possum Kingdom Lake	7,027
Possum Kingdom LakeDam to Palo Pinto gage	44
Palo Pinto gage to Dennis gage	324
Dennis gage to Lake Granbury Dam	165,996
Lake Granbury Dam to Glen Rose gage	379
Glen Rose gage to Lake Whitney Dam	1,687
Lake Whitney Dam to Aquilla Creek/Brazos Rv confluence	3,918
Lake Aquilla	10,186
Lake Aquilla Dam to Aquilla Creek gage	0
Aquilla Creek gage to Aquilla Creek/Brazos Rv confluence	0
Aquilla Creek/ Brazos confluence to Highbank gage	760
Lake Proctor	9,069
Lake Proctor Dam to Leon Rv at Gatesville gage	0
Leon Rv at Gatesville to Lake Belton Dam	43,890
Lake Belton Dam to Leon Rv nr Belton gage	24,901
Leon Rv nr Belton gage to Little River gage	200
Lake Stillhouse Hollow	21,024
Lake Stillhouse Hollow Dam to Lampasas Rv nr Belton gage	8
Lampasas Rv nr Belton gage to Little River gage	0
Little River gage to Little Rv/San Gabriel Rv confluence	0
Lake Georgetown	50,192
Lake Georgetown Dam to N San Gabriel gage	0
N San Gabriel gage to Lake Granger Dam	3,507
Lake Granger Dam to Laneport gage	0
Laneport gage to Little Rv/San Gabriel confluence	0
Little/San Gabriel confluence to Little Rv at Cameron gage	3,369
Cameron gage to Brazos Rv/Little Rv confluence	0
Highbank gage to Brazos Rv/Little Rv confluence	0
Brazos Rv/Little Rv confluence to Bryan gage	350
Bryan gage to Brazos Rv/Yegua Crk confluence	0
Lake Somerville	3,263
Lake Somerville Dam to Yegua Crk gage	0
Yegua Crk gage to Brazos Rv/Yegua Crk confluence	0
Brazos Rv/Yegua Crk confluence to Brazos Rv/Navasota Rv confluence	527
Lake Limestone	50,875
Lake Limestone Dam to Easterly gage	0
Easterly gage to Brazos Rv/Navasota Rv confluence	4,984
Brazos Rv/Navasota Rv confluence to Hempstead gage	0
Hempstead gage to Richmond gage	31,979
Richmond gage to Gulf of Mexico	197,626
TOTAL	636,085

Scenario 4 - 2060 Projected Demands w/o CPNPP Expansion	
Reach	acft/yr
Possum Kingdom Lake	6,981
Possum Kingdom LakeDam to Palo Pinto gage	44
Palo Pinto gage to Dennis gage	324
Dennis gage to Lake Granbury Dam	82,743
Lake Granbury Dam to Glen Rose gage	379
Glen Rose gage to Lake Whitney Dam	2,090
Lake Whitney Dam to Aquilla Creek/Brazos Rv confluence	6,529
Lake Aquilla	13,337
Lake Aquilla Dam to Aquilla Creek gage	0
Aquilla Creek gage to Aquilla Creek/Brazos Rv confluence	0
Aquilla Creek/ Brazos confluence to Highbank gage	760
Lake Proctor	9,986
Lake Proctor Dam to Leon Rv at Gatesville gage	0
Leon Rv at Gatesville to Lake Belton Dam	61,655
Lake Belton Dam to Leon Rv nr Belton gage	31,501
Leon Rv nr Belton gage to Little River gage	200
Lake Stillhouse Hollow	29,606
Lake Stillhouse Hollow Dam to Lampasas Rv nr Belton gage	8
Lampasas Rv nr Belton gage to Little River gage	0
Little River gage to Little Rv/San Gabriel Rv confluence	0
Lake Georgetown	71,891
Lake Georgetown Dam to N San Gabriel gage	0
N San Gabriel gage to Lake Granger Dam	5,357
Lake Granger Dam to Laneport gage	0
Laneport gage to Little Rv/San Gabriel confluence	0
Little/San Gabriel confluence to Little Rv at Cameron gage	3,369
Cameron gage to Brazos Rv/Little Rv confluence	0
Highbank gage to Brazos Rv/Little Rv confluence	0
Brazos Rv/Little Rv confluence to Bryan gage	350
Bryan gage to Brazos Rv/Yegua Crk confluence	2,500
Lake Somerville	3,415
Lake Somerville Dam to Yegua Crk gage	0
Yegua Crk gage to Brazos Rv/Yegua Crk confluence	0
Brazos Rv/Yegua Crk confluence to Brazos Rv/Navasota Rv confluence	527
Lake Limestone	50,875
Lake Limestone Dam to Easterly gage	0
Easterly gage to Brazos Rv/Navasota Rv confluence	5,486
Brazos Rv/Navasota Rv confluence to Hempstead gage	0
Hempstead gage to Richmond gage	31,979
Richmond gage to Gulf of Mexico	314,640
TOTAL	736,532

Scenario 5 - 2060 Projected Demands w/ CPNPP Expansion	
Reach	acft/yr
Possum Kingdom Lake	6,981
Possum Kingdom LakeDam to Palo Pinto gage	44
Palo Pinto gage to Dennis gage	324
Dennis gage to Lake Granbury Dam	172,895
Lake Granbury Dam to Glen Rose gage	379
Glen Rose gage to Lake Whitney Dam	2,090
Lake Whitney Dam to Aquilla Creek/Brazos Rv confluence	6,529
Lake Aquilla	13,337
Lake Aquilla Dam to Aquilla Creek gage	0
Aquilla Creek gage to Aquilla Creek/Brazos Rv confluence	0
Aquilla Creek/ Brazos confluence to Highbank gage	760
Lake Proctor	9,986
Lake Proctor Dam to Leon Rv at Gatesville gage	0
Leon Rv at Gatesville to Lake Belton Dam	61,655
Lake Belton Dam to Leon Rv nr Belton gage	31,501
Leon Rv nr Belton gage to Little River gage	200
Lake Stillhouse Hollow	29,606
Lake Stillhouse Hollow Dam to Lampasas Rv nr Belton gage	8
Lampasas Rv nr Belton gage to Little River gage	0
Little River gage to Little Rv/San Gabriel Rv confluence	0
Lake Georgetown	71,891
Lake Georgetown Dam to N San Gabriel gage	0
N San Gabriel gage to Lake Granger Dam	5,357
Lake Granger Dam to Laneport gage	0
Laneport gage to Little Rv/San Gabriel confluence	0
Little/San Gabriel confluence to Little Rv at Cameron gage	3,369
Cameron gage to Brazos Rv/Little Rv confluence	0
Highbank gage to Brazos Rv/Little Rv confluence	0
Brazos Rv/Little Rv confluence to Bryan gage	350
Bryan gage to Brazos Rv/Yegua Crk confluence	2,500
Lake Somerville	3,415
Lake Somerville Dam to Yegua Crk gage	0
Yegua Crk gage to Brazos Rv/Yegua Crk confluence	0
Brazos Rv/Yegua Crk confluence to Brazos Rv/Navasota Rv confluence	527
Lake Limestone	50,875
Lake Limestone Dam to Easterly gage	0
Easterly gage to Brazos Rv/Navasota Rv confluence	5,486
Brazos Rv/Navasota Rv confluence to Hempstead gage	0
Hempstead gage to Richmond gage	31,979
Richmond gage to Gulf of Mexico	314,640
TOTAL	826,684

