

Table 1
Angostura Contract Negotiation EIS
Canal Requirements (cfs)

No Action and Reservoir Recreation Alternative for 12,218 acres

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	63.4	176.5	261.8	198.4	90.8	0.0	0.0	0.0	66.4
1999	0.0	0.0	0.0	30.3	53.7	159.7	294.4	253.7	99.2	0.0	0.0	0.0	74.9
2000	0.0	0.0	0.0	31.9	65.1	127.7	239.1	175.6	37.0	0.0	0.0	0.0	56.9
2001	0.0	0.0	0.0	5.0	27.6	194.9	235.8	193.5	85.7	0.0	0.0	0.0	62.3
2002	0.0	0.0	0.0	0.0	1.6	110.9	265.1	198.4	62.2	0.0	0.0	0.0	53.7
2003	0.0	0.0	0.0	8.4	107.3	126.0	159.4	232.6	102.5	0.0	0.0	0.0	61.9
2004	0.0	0.0	0.0	13.4	47.2	146.2	257.0	279.7	40.3	0.0	0.0	0.0	66.0
2005	0.0	0.0	0.0	25.2	92.7	132.8	330.1	240.7	109.2	0.0	0.0	0.0	78.3
2006	0.0	0.0	0.0	6.7	47.2	208.4	204.9	283.0	60.5	0.0	0.0	0.0	68.1
2007	0.0	0.0	0.0	33.6	16.3	67.2	169.1	235.8	80.7	0.0	0.0	0.0	50.7
2008	0.0	0.0	0.0	6.7	84.6	73.9	206.5	221.2	60.5	0.0	0.0	0.0	55.1
2009	0.0	0.0	0.0	10.1	53.7	94.1	341.5	208.2	87.4	0.0	0.0	0.0	67.0
2010	0.0	0.0	0.0	20.2	30.9	99.2	204.9	195.2	25.2	0.0	0.0	0.0	48.5
2011	0.0	0.0	0.0	1.7	112.2	205.0	217.9	149.6	62.2	0.0	0.0	0.0	62.8
2012	0.0	0.0	0.0	5.0	22.8	20.2	263.5	239.1	80.7	0.0	0.0	0.0	53.3
2013	0.0	0.0	0.0	1.7	37.4	47.1	226.1	170.8	67.2	0.0	0.0	0.0	46.4
2014	0.0	0.0	0.0	28.6	99.2	119.3	131.7	281.4	105.9	0.0	0.0	0.0	64.4
2015	0.0	0.0	0.0	5.0	87.8	159.7	240.7	265.1	62.2	0.0	0.0	0.0	69.1
2016	0.0	0.0	0.0	1.7	8.1	161.3	214.7	245.6	43.7	0.0	0.0	0.0	56.8
2017	0.0	0.0	0.0	8.4	56.9	84.0	201.7	177.3	68.9	0.0	0.0	0.0	50.3
2018	0.0	0.0	0.0	0.0	13.0	191.6	190.3	206.5	42.0	0.0	0.0	0.0	54.0
2019	0.0	0.0	0.0	3.4	87.8	154.6	294.4	135.0	53.8	0.0	0.0	0.0	61.3
2020	0.0	0.0	0.0	1.7	63.4	72.3	278.1	216.3	77.3	0.0	0.0	0.0	59.8
2021	0.0	0.0	0.0	5.0	61.8	117.6	208.2	174.0	89.1	0.0	0.0	0.0	55.1
2022	0.0	0.0	0.0	16.8	99.2	174.8	167.5	122.0	67.2	0.0	0.0	0.0	54.3
2023	0.0	0.0	0.0	13.4	50.4	159.7	187.0	165.9	102.5	0.0	0.0	0.0	56.9
2024	0.0	0.0	0.0	10.1	68.3	139.5	172.4	159.4	100.8	0.0	0.0	0.0	54.6
2025	0.0	0.0	0.0	23.5	74.8	141.2	279.7	174.0	80.7	0.0	0.0	0.0	65.1
2026	0.0	0.0	0.0	33.6	34.2	184.9	151.3	204.9	94.1	0.0	0.0	0.0	58.8
2027	0.0	0.0	0.0	1.7	0.0	67.2	235.8	191.9	42.0	0.0	0.0	0.0	45.4
2028	0.0	0.0	0.0	0.0	29.3	102.5	261.8	224.4	84.0	0.0	0.0	0.0	59.1
2029	0.0	0.0	0.0	0.0	48.8	132.8	211.4	234.2	57.1	0.0	0.0	0.0	57.6
2030	0.0	0.0	0.0	28.6	109.0	154.6	250.5	191.9	37.0	0.0	0.0	0.0	64.9
2031	0.0	0.0	0.0	1.7	76.4	112.6	239.1	208.2	31.9	0.0	0.0	0.0	56.5
2032	0.0	0.0	0.0	35.3	21.1	198.3	261.8	191.9	67.2	0.0	0.0	0.0	64.6
2033	0.0	0.0	0.0	15.1	56.9	193.3	258.6	139.9	58.8	0.0	0.0	0.0	60.6
2034	0.0	0.0	0.0	10.1	79.7	168.1	252.1	214.7	42.0	0.0	0.0	0.0	64.5
2035	0.0	0.0	0.0	3.4	22.8	132.8	253.7	232.6	84.0	0.0	0.0	0.0	61.3
2036	0.0	0.0	0.0	6.7	24.4	65.5	255.3	190.3	73.9	0.0	0.0	0.0	51.9
2037	0.0	0.0	0.0	15.1	47.2	68.9	128.5	162.6	84.0	0.0	0.0	0.0	42.5
2038	0.0	0.0	0.0	3.4	81.3	60.5	123.6	79.7	38.7	0.0	0.0	0.0	32.6
2039	0.0	0.0	0.0	11.8	94.3	171.4	240.7	190.3	84.0	0.0	0.0	0.0	66.6
2040	0.0	0.0	0.0	0.0	16.3	67.2	204.9	221.2	47.1	0.0	0.0	0.0	47.0
2041	0.0	0.0	0.0	1.7	9.8	174.8	245.6	123.6	45.4	0.0	0.0	0.0	50.4
2042	0.0	0.0	0.0	0.0	24.4	122.7	65.1	198.4	77.3	0.0	0.0	0.0	40.9
Mean	0.0	0.0	0.0	10.8	53.6	129.7	224.1	200.0	68.8	0.0	0.0	0.0	57.8
Min	0.0	0.0	0.0	0.0	0.0	20.2	65.1	79.7	25.2	0.0	0.0	0.0	32.6
Max	0.0	0.0	0.0	35.3	112.2	208.4	341.5	283.0	109.2	0.0	0.0	0.0	78.3

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Table 2
Angostura Contract Negotiation EIS
Canal Requirements (cfs)

Year	No Action and Reservoir Recreation Alternative for 10,000 acres												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	144.5	214.7	162.6	75.6	0.0	0.0	0.0	54.6
1999	0.0	0.0	0.0	23.5	43.9	131.1	240.7	208.2	80.7	0.0	0.0	0.0	61.2
2000	0.0	0.0	0.0	26.9	53.7	104.2	195.2	143.1	30.3	0.0	0.0	0.0	46.5
2001	0.0	0.0	0.0	5.0	22.8	159.7	193.5	159.4	70.6	0.0	0.0	0.0	51.2
2002	0.0	0.0	0.0	0.0	1.6	90.8	216.3	162.6	50.4	0.0	0.0	0.0	43.9
2003	0.0	0.0	0.0	6.7	87.8	102.5	130.1	190.3	84.0	0.0	0.0	0.0	50.6
2004	0.0	0.0	0.0	11.8	39.0	119.3	209.8	229.3	31.9	0.0	0.0	0.0	54.0
2005	0.0	0.0	0.0	20.2	76.4	109.2	270.0	196.8	89.1	0.0	0.0	0.0	64.1
2006	0.0	0.0	0.0	6.7	37.4	171.4	167.5	230.9	50.4	0.0	0.0	0.0	55.8
2007	0.0	0.0	0.0	26.9	13.0	53.8	139.9	193.5	67.2	0.0	0.0	0.0	41.6
2008	0.0	0.0	0.0	5.0	69.9	60.5	169.1	180.5	48.7	0.0	0.0	0.0	45.0
2009	0.0	0.0	0.0	8.4	43.9	77.3	279.7	170.8	72.3	0.0	0.0	0.0	55.0
2010	0.0	0.0	0.0	16.8	24.4	80.7	167.5	159.4	20.2	0.0	0.0	0.0	39.5
2011	0.0	0.0	0.0	1.7	91.1	168.1	178.9	122.0	52.1	0.0	0.0	0.0	51.5
2012	0.0	0.0	0.0	5.0	19.5	16.8	216.3	196.8	65.5	0.0	0.0	0.0	43.9
2013	0.0	0.0	0.0	1.7	30.9	38.7	183.8	139.9	55.5	0.0	0.0	0.0	38.0
2014	0.0	0.0	0.0	23.5	81.3	97.5	107.3	230.9	85.7	0.0	0.0	0.0	52.6
2015	0.0	0.0	0.0	5.0	71.6	131.1	198.4	216.3	50.4	0.0	0.0	0.0	56.6
2016	0.0	0.0	0.0	1.7	6.5	132.8	175.6	200.0	35.3	0.0	0.0	0.0	46.4
2017	0.0	0.0	0.0	6.7	45.5	68.9	164.3	144.7	57.1	0.0	0.0	0.0	41.0
2018	0.0	0.0	0.0	0.0	9.8	156.3	156.1	169.1	33.6	0.0	0.0	0.0	44.1
2019	0.0	0.0	0.0	3.4	71.6	126.0	240.7	110.6	43.7	0.0	0.0	0.0	50.1
2020	0.0	0.0	0.0	1.7	52.0	58.8	227.7	177.3	62.2	0.0	0.0	0.0	48.9
2021	0.0	0.0	0.0	3.4	50.4	95.8	170.8	141.5	73.9	0.0	0.0	0.0	45.0
2022	0.0	0.0	0.0	13.4	81.3	142.8	138.2	100.8	53.8	0.0	0.0	0.0	44.5
2023	0.0	0.0	0.0	10.1	40.7	131.1	152.9	136.6	84.0	0.0	0.0	0.0	46.5
2024	0.0	0.0	0.0	8.4	55.3	114.3	139.9	130.1	82.3	0.0	0.0	0.0	44.5
2025	0.0	0.0	0.0	18.5	60.2	116.0	229.3	141.5	65.5	0.0	0.0	0.0	53.0
2026	0.0	0.0	0.0	26.9	27.6	151.3	123.6	167.5	77.3	0.0	0.0	0.0	48.1
2027	0.0	0.0	0.0	1.7	0.0	55.5	193.5	157.8	33.6	0.0	0.0	0.0	37.3
2028	0.0	0.0	0.0	0.0	24.4	84.0	213.1	183.8	68.9	0.0	0.0	0.0	48.3
2029	0.0	0.0	0.0	0.0	40.7	107.6	172.4	191.9	47.1	0.0	0.0	0.0	47.1
2030	0.0	0.0	0.0	23.5	89.4	126.0	204.9	156.1	30.3	0.0	0.0	0.0	53.0
2031	0.0	0.0	0.0	1.7	61.8	90.8	195.2	170.8	25.2	0.0	0.0	0.0	46.0
2032	0.0	0.0	0.0	28.6	17.9	158.0	214.7	156.1	55.5	0.0	0.0	0.0	52.9
2033	0.0	0.0	0.0	11.8	47.2	158.0	211.4	113.8	47.1	0.0	0.0	0.0	49.5
2034	0.0	0.0	0.0	8.4	65.1	137.8	206.5	175.6	35.3	0.0	0.0	0.0	52.9
2035	0.0	0.0	0.0	3.4	17.9	109.2	206.5	190.3	68.9	0.0	0.0	0.0	50.1
2036	0.0	0.0	0.0	5.0	19.5	53.8	209.8	156.1	60.5	0.0	0.0	0.0	42.5
2037	0.0	0.0	0.0	11.8	39.0	57.1	105.7	133.4	68.9	0.0	0.0	0.0	34.9
2038	0.0	0.0	0.0	3.4	66.7	50.4	100.8	65.1	31.9	0.0	0.0	0.0	26.8
2039	0.0	0.0	0.0	8.4	76.4	141.2	196.8	156.1	68.9	0.0	0.0	0.0	54.4
2040	0.0	0.0	0.0	0.0	13.0	55.5	167.5	182.2	38.7	0.0	0.0	0.0	38.5
2041	0.0	0.0	0.0	1.7	8.1	142.8	201.7	102.5	37.0	0.0	0.0	0.0	41.4
2042	0.0	0.0	0.0	0.0	19.5	100.8	53.7	162.6	63.9	0.0	0.0	0.0	33.6
Mean	0.0	0.0	0.0	8.9	43.7	106.2	183.4	163.7	56.2	0.0	0.0	0.0	47.3
Min	0.0	0.0	0.0	0.0	0.0	16.8	53.7	65.1	20.2	0.0	0.0	0.0	26.8
Max	0.0	0.0	0.0	28.6	91.1	171.4	279.7	230.9	89.1	0.0	0.0	0.0	64.1

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Table 3
Angostura Contract Negotiation EIS
Canal Requirements (cfs)

Improved Efficiency Alternative for 12,218 acres

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	52.0	141.2	209.8	159.4	73.9	0.0	0.0	0.0	53.5
1999	0.0	0.0	0.0	23.5	42.3	127.7	235.8	204.9	79.0	0.0	0.0	0.0	59.9
2000	0.0	0.0	0.0	25.2	52.0	102.5	191.9	141.5	30.3	0.0	0.0	0.0	45.7
2001	0.0	0.0	0.0	5.0	21.1	158.0	190.3	156.1	68.9	0.0	0.0	0.0	50.3
2002	0.0	0.0	0.0	0.0	1.6	89.1	213.1	159.4	50.4	0.0	0.0	0.0	43.2
2003	0.0	0.0	0.0	6.7	86.2	100.8	128.5	187.0	82.3	0.0	0.0	0.0	49.7
2004	0.0	0.0	0.0	11.8	39.0	117.6	206.5	224.4	31.9	0.0	0.0	0.0	53.2
2005	0.0	0.0	0.0	20.2	74.8	107.6	265.1	193.5	87.4	0.0	0.0	0.0	63.0
2006	0.0	0.0	0.0	6.7	37.4	168.1	164.3	227.7	48.7	0.0	0.0	0.0	54.8
2007	0.0	0.0	0.0	26.9	13.0	53.8	136.6	190.3	65.5	0.0	0.0	0.0	40.9
2008	0.0	0.0	0.0	5.0	68.3	58.8	165.9	177.3	48.7	0.0	0.0	0.0	44.2
2009	0.0	0.0	0.0	6.7	42.3	75.6	274.9	167.5	70.6	0.0	0.0	0.0	53.7
2010	0.0	0.0	0.0	15.1	24.4	79.0	164.3	156.1	20.2	0.0	0.0	0.0	38.7
2011	0.0	0.0	0.0	1.7	89.4	164.7	175.6	120.3	50.4	0.0	0.0	0.0	50.6
2012	0.0	0.0	0.0	5.0	17.9	16.8	213.1	193.5	65.5	0.0	0.0	0.0	43.2
2013	0.0	0.0	0.0	1.7	30.9	37.0	182.2	138.2	55.5	0.0	0.0	0.0	37.6
2014	0.0	0.0	0.0	23.5	79.7	95.8	105.7	226.1	84.0	0.0	0.0	0.0	51.7
2015	0.0	0.0	0.0	5.0	69.9	127.7	193.5	213.1	50.4	0.0	0.0	0.0	55.5
2016	0.0	0.0	0.0	1.7	6.5	129.4	172.4	196.8	35.3	0.0	0.0	0.0	45.6
2017	0.0	0.0	0.0	6.7	45.5	68.9	161.0	143.1	55.5	0.0	0.0	0.0	40.5
2018	0.0	0.0	0.0	0.0	9.8	154.6	152.9	165.9	33.6	0.0	0.0	0.0	43.4
2019	0.0	0.0	0.0	3.4	69.9	124.4	237.4	109.0	42.0	0.0	0.0	0.0	49.3
2020	0.0	0.0	0.0	1.7	52.0	58.8	222.8	174.0	62.2	0.0	0.0	0.0	48.2
2021	0.0	0.0	0.0	3.4	50.4	94.1	167.5	139.9	72.3	0.0	0.0	0.0	44.3
2022	0.0	0.0	0.0	13.4	79.7	141.2	135.0	99.2	53.8	0.0	0.0	0.0	43.8
2023	0.0	0.0	0.0	10.1	40.7	129.4	151.3	133.4	82.3	0.0	0.0	0.0	45.9
2024	0.0	0.0	0.0	6.7	55.3	110.9	138.2	128.5	80.7	0.0	0.0	0.0	43.6
2025	0.0	0.0	0.0	18.5	60.2	114.3	224.4	139.9	65.5	0.0	0.0	0.0	52.4
2026	0.0	0.0	0.0	26.9	27.6	147.9	122.0	164.3	75.6	0.0	0.0	0.0	47.2
2027	0.0	0.0	0.0	1.7	0.0	53.8	190.3	154.5	33.6	0.0	0.0	0.0	36.6
2028	0.0	0.0	0.0	0.0	24.4	82.3	209.8	180.5	67.2	0.0	0.0	0.0	47.5
2029	0.0	0.0	0.0	0.0	39.0	105.9	169.1	188.7	45.4	0.0	0.0	0.0	46.1
2030	0.0	0.0	0.0	23.5	87.8	124.4	201.7	154.5	30.3	0.0	0.0	0.0	52.4
2031	0.0	0.0	0.0	1.7	61.8	90.8	191.9	167.5	25.2	0.0	0.0	0.0	45.4
2032	0.0	0.0	0.0	28.6	16.3	154.6	211.4	154.5	53.8	0.0	0.0	0.0	51.9
2033	0.0	0.0	0.0	11.8	45.5	156.3	208.2	112.2	47.1	0.0	0.0	0.0	48.8
2034	0.0	0.0	0.0	8.4	63.4	136.1	203.3	172.4	33.6	0.0	0.0	0.0	51.9
2035	0.0	0.0	0.0	3.4	17.9	107.6	203.3	187.0	68.9	0.0	0.0	0.0	49.5
2036	0.0	0.0	0.0	5.0	19.5	52.1	206.5	152.9	58.8	0.0	0.0	0.0	41.7
2037	0.0	0.0	0.0	11.8	39.0	55.5	104.1	131.7	67.2	0.0	0.0	0.0	34.4
2038	0.0	0.0	0.0	3.4	65.1	48.7	99.2	65.1	30.3	0.0	0.0	0.0	26.2
2039	0.0	0.0	0.0	8.4	76.4	137.8	193.5	152.9	68.9	0.0	0.0	0.0	53.6
2040	0.0	0.0	0.0	0.0	13.0	53.8	165.9	178.9	38.7	0.0	0.0	0.0	38.0
2041	0.0	0.0	0.0	1.7	6.5	139.5	198.4	99.2	37.0	0.0	0.0	0.0	40.5
2042	0.0	0.0	0.0	0.0	19.5	99.2	53.7	159.4	62.2	0.0	0.0	0.0	33.0
Mean	0.0	0.0	0.0	8.7	43.0	104.3	180.3	160.9	55.3	0.0	0.0	0.0	46.5
Min	0.0	0.0	0.0	0.0	0.0	16.8	53.7	65.1	20.2	0.0	0.0	0.0	26.2
Max	0.0	0.0	0.0	28.6	89.4	168.1	274.9	227.7	87.4	0.0	0.0	0.0	63.0

Appendix M-3

Table 4
Angostura Contract Negotiation EIS
Canal Requirements (cfs)

Improved Efficiency Alternative for 10,000 acres

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1998	0.0	0.0	0.0	0.0	42.3	116.0	172.4	130.1	60.5	0.0	0.0	0.0	43.8
1999	0.0	0.0	0.0	20.2	35.8	104.2	193.5	167.5	65.5	0.0	0.0	0.0	49.3
2000	0.0	0.0	0.0	20.2	42.3	84.0	157.8	115.5	25.2	0.0	0.0	0.0	37.4
2001	0.0	0.0	0.0	3.4	17.9	129.4	154.5	126.9	57.1	0.0	0.0	0.0	41.0
2002	0.0	0.0	0.0	0.0	1.6	73.9	174.0	130.1	40.3	0.0	0.0	0.0	35.4
2003	0.0	0.0	0.0	5.0	71.6	82.3	105.7	152.9	67.2	0.0	0.0	0.0	40.7
2004	0.0	0.0	0.0	10.1	30.9	95.8	169.1	183.8	26.9	0.0	0.0	0.0	43.5
2005	0.0	0.0	0.0	16.8	61.8	87.4	217.9	157.8	72.3	0.0	0.0	0.0	51.7
2006	0.0	0.0	0.0	5.0	30.9	137.8	135.0	185.4	40.3	0.0	0.0	0.0	44.9
2007	0.0	0.0	0.0	21.8	11.4	43.7	112.2	156.1	53.8	0.0	0.0	0.0	33.6
2008	0.0	0.0	0.0	3.4	55.3	48.7	135.0	146.4	40.3	0.0	0.0	0.0	36.2
2009	0.0	0.0	0.0	6.7	35.8	62.2	224.4	136.6	57.1	0.0	0.0	0.0	44.1
2010	0.0	0.0	0.0	13.4	19.5	65.5	135.0	128.5	16.8	0.0	0.0	0.0	31.9
2011	0.0	0.0	0.0	1.7	73.2	134.4	143.1	99.2	42.0	0.0	0.0	0.0	41.4
2012	0.0	0.0	0.0	3.4	14.6	13.4	174.0	157.8	53.8	0.0	0.0	0.0	35.2
2013	0.0	0.0	0.0	1.7	24.4	30.3	148.0	112.2	45.4	0.0	0.0	0.0	30.5
2014	0.0	0.0	0.0	18.5	65.1	79.0	86.2	185.4	68.9	0.0	0.0	0.0	42.3
2015	0.0	0.0	0.0	3.4	58.5	105.9	159.4	174.0	40.3	0.0	0.0	0.0	45.6
2016	0.0	0.0	0.0	1.7	6.5	105.9	141.5	161.0	28.6	0.0	0.0	0.0	37.4
2017	0.0	0.0	0.0	6.7	37.4	55.5	131.7	117.1	45.4	0.0	0.0	0.0	33.2
2018	0.0	0.0	0.0	0.0	8.1	126.0	125.2	135.0	26.9	0.0	0.0	0.0	35.4
2019	0.0	0.0	0.0	1.7	56.9	102.5	193.5	89.4	35.3	0.0	0.0	0.0	40.3
2020	0.0	0.0	0.0	1.7	42.3	47.1	182.2	143.1	50.4	0.0	0.0	0.0	39.4
2021	0.0	0.0	0.0	3.4	40.7	77.3	136.6	113.8	58.8	0.0	0.0	0.0	36.2
2022	0.0	0.0	0.0	11.8	65.1	114.3	110.6	81.3	43.7	0.0	0.0	0.0	35.8
2023	0.0	0.0	0.0	8.4	32.5	105.9	123.6	109.0	67.2	0.0	0.0	0.0	37.4
2024	0.0	0.0	0.0	6.7	45.5	90.8	113.8	104.1	67.2	0.0	0.0	0.0	35.9
2025	0.0	0.0	0.0	15.1	48.8	94.1	183.8	113.8	53.8	0.0	0.0	0.0	42.8
2026	0.0	0.0	0.0	21.8	22.8	121.0	99.2	135.0	62.2	0.0	0.0	0.0	38.7
2027	0.0	0.0	0.0	1.7	0.0	43.7	154.5	126.9	26.9	0.0	0.0	0.0	29.8
2028	0.0	0.0	0.0	0.0	19.5	67.2	172.4	148.0	55.5	0.0	0.0	0.0	39.0
2029	0.0	0.0	0.0	0.0	32.5	87.4	138.2	154.5	37.0	0.0	0.0	0.0	37.8
2030	0.0	0.0	0.0	18.5	71.6	102.5	164.3	126.9	23.5	0.0	0.0	0.0	42.7
2031	0.0	0.0	0.0	1.7	50.4	73.9	157.8	136.6	20.2	0.0	0.0	0.0	37.2
2032	0.0	0.0	0.0	23.5	14.6	127.7	172.4	126.9	43.7	0.0	0.0	0.0	42.7
2033	0.0	0.0	0.0	10.1	37.4	127.7	170.8	92.7	38.7	0.0	0.0	0.0	40.1
2034	0.0	0.0	0.0	6.7	52.0	110.9	165.9	141.5	28.6	0.0	0.0	0.0	42.5
2035	0.0	0.0	0.0	1.7	14.6	87.4	165.9	152.9	55.5	0.0	0.0	0.0	40.2
2036	0.0	0.0	0.0	3.4	16.3	43.7	169.1	125.2	48.7	0.0	0.0	0.0	34.3
2037	0.0	0.0	0.0	10.1	30.9	45.4	84.6	107.3	55.5	0.0	0.0	0.0	28.0
2038	0.0	0.0	0.0	3.4	53.7	40.3	81.3	52.0	25.2	0.0	0.0	0.0	21.5
2039	0.0	0.0	0.0	6.7	61.8	112.6	159.4	125.2	55.5	0.0	0.0	0.0	43.8
2040	0.0	0.0	0.0	0.0	9.8	43.7	135.0	146.4	31.9	0.0	0.0	0.0	30.9
2041	0.0	0.0	0.0	0.0	6.5	114.3	162.6	81.3	30.3	0.0	0.0	0.0	33.2
2042	0.0	0.0	0.0	0.0	16.3	80.7	43.9	130.1	52.1	0.0	0.0	0.0	27.1
Mean	0.0	0.0	0.0	7.1	35.3	85.4	147.5	131.6	45.4	0.0	0.0	0.0	38.0
Min	0.0	0.0	0.0	0.0	0.0	13.4	43.9	52.0	16.8	0.0	0.0	0.0	21.5
Max	0.0	0.0	0.0	23.5	73.2	137.8	224.4	185.4	72.3	0.0	0.0	0.0	51.7

Appendix M-4

Table 5
Angostura Contract Negotiation EIS
Canal Requirements (kaf)

No Action and Reservoir Recreation Alternative for 12,218 acres

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1998	0.0	0.0	0.0	0.0	3.9	10.5	16.1	12.2	5.4	0.0	0.0	0.0	48.1
1999	0.0	0.0	0.0	1.8	3.3	9.5	18.1	15.6	5.9	0.0	0.0	0.0	54.2
2000	0.0	0.0	0.0	1.9	4.0	7.6	14.7	10.8	2.2	0.0	0.0	0.0	41.2
2001	0.0	0.0	0.0	0.3	1.7	11.6	14.5	11.9	5.1	0.0	0.0	0.0	45.1
2002	0.0	0.0	0.0	0.0	0.1	6.6	16.3	12.2	3.7	0.0	0.0	0.0	38.9
2003	0.0	0.0	0.0	0.5	6.6	7.5	9.8	14.3	6.1	0.0	0.0	0.0	44.8
2004	0.0	0.0	0.0	0.8	2.9	8.7	15.8	17.2	2.4	0.0	0.0	0.0	47.8
2005	0.0	0.0	0.0	1.5	5.7	7.9	20.3	14.8	6.5	0.0	0.0	0.0	56.7
2006	0.0	0.0	0.0	0.4	2.9	12.4	12.6	17.4	3.6	0.0	0.0	0.0	49.3
2007	0.0	0.0	0.0	2.0	1.0	4.0	10.4	14.5	4.8	0.0	0.0	0.0	36.7
2008	0.0	0.0	0.0	0.4	5.2	4.4	12.7	13.6	3.6	0.0	0.0	0.0	39.9
2009	0.0	0.0	0.0	0.6	3.3	5.6	21.0	12.8	5.2	0.0	0.0	0.0	48.5
2010	0.0	0.0	0.0	1.2	1.9	5.9	12.6	12.0	1.5	0.0	0.0	0.0	35.1
2011	0.0	0.0	0.0	0.1	6.9	12.2	13.4	9.2	3.7	0.0	0.0	0.0	45.5
2012	0.0	0.0	0.0	0.3	1.4	1.2	16.2	14.7	4.8	0.0	0.0	0.0	38.6
2013	0.0	0.0	0.0	0.1	2.3	2.8	13.9	10.5	4.0	0.0	0.0	0.0	33.6
2014	0.0	0.0	0.0	1.7	6.1	7.1	8.1	17.3	6.3	0.0	0.0	0.0	46.6
2015	0.0	0.0	0.0	0.3	5.4	9.5	14.8	16.3	3.7	0.0	0.0	0.0	50.0
2016	0.0	0.0	0.0	0.1	0.5	9.6	13.2	15.1	2.6	0.0	0.0	0.0	41.1
2017	0.0	0.0	0.0	0.5	3.5	5.0	12.4	10.9	4.1	0.0	0.0	0.0	36.4
2018	0.0	0.0	0.0	0.0	0.8	11.4	11.7	12.7	2.5	0.0	0.0	0.0	39.1
2019	0.0	0.0	0.0	0.2	5.4	9.2	18.1	8.3	3.2	0.0	0.0	0.0	44.4
2020	0.0	0.0	0.0	0.1	3.9	4.3	17.1	13.3	4.6	0.0	0.0	0.0	43.3
2021	0.0	0.0	0.0	0.3	3.8	7.0	12.8	10.7	5.3	0.0	0.0	0.0	39.9
2022	0.0	0.0	0.0	1.0	6.1	10.4	10.3	7.5	4.0	0.0	0.0	0.0	39.3
2023	0.0	0.0	0.0	0.8	3.1	9.5	11.5	10.2	6.1	0.0	0.0	0.0	41.2
2024	0.0	0.0	0.0	0.6	4.2	8.3	10.6	9.8	6.0	0.0	0.0	0.0	39.5
2025	0.0	0.0	0.0	1.4	4.6	8.4	17.2	10.7	4.8	0.0	0.0	0.0	47.1
2026	0.0	0.0	0.0	2.0	2.1	11.0	9.3	12.6	5.6	0.0	0.0	0.0	42.6
2027	0.0	0.0	0.0	0.1	0.0	4.0	14.5	11.8	2.5	0.0	0.0	0.0	32.9
2028	0.0	0.0	0.0	0.0	1.8	6.1	16.1	13.8	5.0	0.0	0.0	0.0	42.8
2029	0.0	0.0	0.0	0.0	3.0	7.9	13.0	14.4	3.4	0.0	0.0	0.0	41.7
2030	0.0	0.0	0.0	1.7	6.7	9.2	15.4	11.8	2.2	0.0	0.0	0.0	47.0
2031	0.0	0.0	0.0	0.1	4.7	6.7	14.7	12.8	1.9	0.0	0.0	0.0	40.9
2032	0.0	0.0	0.0	2.1	1.3	11.5	16.1	11.8	4.0	0.0	0.0	0.0	46.8
2033	0.0	0.0	0.0	0.9	3.5	11.5	15.9	8.6	3.5	0.0	0.0	0.0	43.9
2034	0.0	0.0	0.0	0.6	4.9	10.0	15.5	13.2	2.5	0.0	0.0	0.0	46.7
2035	0.0	0.0	0.0	0.2	1.4	7.9	15.6	14.3	5.0	0.0	0.0	0.0	44.4
2036	0.0	0.0	0.0	0.4	1.5	3.9	15.7	11.7	4.4	0.0	0.0	0.0	37.6
2037	0.0	0.0	0.0	0.9	2.9	4.1	7.9	10.0	5.0	0.0	0.0	0.0	30.8
2038	0.0	0.0	0.0	0.2	5.0	3.6	7.6	4.9	2.3	0.0	0.0	0.0	23.6
2039	0.0	0.0	0.0	0.7	5.8	10.2	14.8	11.7	5.0	0.0	0.0	0.0	48.2
2040	0.0	0.0	0.0	0.0	1.0	4.0	12.6	13.6	2.8	0.0	0.0	0.0	34.0
2041	0.0	0.0	0.0	0.1	0.6	10.4	15.1	7.6	2.7	0.0	0.0	0.0	36.5
2042	0.0	0.0	0.0	0.0	1.5	7.3	4.0	12.2	4.6	0.0	0.0	0.0	29.6
Mean	0.0	0.0	0.0	0.6	3.3	7.7	13.8	12.3	4.1	0.0	0.0	0.0	41.8
Min	0.0	0.0	0.0	0.0	0.0	1.2	4.0	4.9	1.5	0.0	0.0	0.0	23.6
Max	0.0	0.0	0.0	2.1	6.9	12.4	21.0	17.4	6.5	0.0	0.0	0.0	56.7

Table6
Angostura Contract Negotiation EIS
Canal Requirements (kaf)

Year	No Action and Reservoir Recreation Alternative for 10,000 acres												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1998	0.0	0.0	0.0	0.0	3.2	8.6	13.2	10.0	4.5	0.0	0.0	0.0	39.5
1999	0.0	0.0	0.0	1.4	2.7	7.8	14.8	12.8	4.8	0.0	0.0	0.0	44.3
2000	0.0	0.0	0.0	1.6	3.3	6.2	12.0	8.8	1.8	0.0	0.0	0.0	33.7
2001	0.0	0.0	0.0	0.3	1.4	9.5	11.9	9.8	4.2	0.0	0.0	0.0	37.1
2002	0.0	0.0	0.0	0.0	0.1	5.4	13.3	10.0	3.0	0.0	0.0	0.0	31.8
2003	0.0	0.0	0.0	0.4	5.4	6.1	8.0	11.7	5.0	0.0	0.0	0.0	36.6
2004	0.0	0.0	0.0	0.7	2.4	7.1	12.9	14.1	1.9	0.0	0.0	0.0	39.1
2005	0.0	0.0	0.0	1.2	4.7	6.5	16.6	12.1	5.3	0.0	0.0	0.0	46.4
2006	0.0	0.0	0.0	0.4	2.8	10.2	10.3	14.2	3.0	0.0	0.0	0.0	40.4
2007	0.0	0.0	0.0	1.6	0.8	3.2	8.6	11.9	4.0	0.0	0.0	0.0	30.1
2008	0.0	0.0	0.0	0.3	4.8	3.6	10.4	11.1	2.9	0.0	0.0	0.0	32.6
2009	0.0	0.0	0.0	0.5	2.7	4.6	17.2	10.5	4.3	0.0	0.0	0.0	39.8
2010	0.0	0.0	0.0	1.0	1.5	4.8	10.3	9.8	1.2	0.0	0.0	0.0	28.6
2011	0.0	0.0	0.0	0.1	5.6	10.0	11.0	7.5	3.1	0.0	0.0	0.0	37.3
2012	0.0	0.0	0.0	0.3	1.2	1.0	13.3	12.1	3.9	0.0	0.0	0.0	31.8
2013	0.0	0.0	0.0	0.1	1.9	2.3	11.3	8.6	3.3	0.0	0.0	0.0	27.5
2014	0.0	0.0	0.0	1.4	5.0	5.8	6.6	14.2	5.1	0.0	0.0	0.0	38.1
2015	0.0	0.0	0.0	0.3	4.4	7.8	12.2	13.3	3.0	0.0	0.0	0.0	41.0
2016	0.0	0.0	0.0	0.1	0.4	7.9	10.8	12.3	2.1	0.0	0.0	0.0	33.6
2017	0.0	0.0	0.0	0.4	2.8	4.1	10.1	8.9	3.4	0.0	0.0	0.0	29.7
2018	0.0	0.0	0.0	0.0	0.6	9.3	9.6	10.4	2.0	0.0	0.0	0.0	31.9
2019	0.0	0.0	0.0	0.2	4.4	7.5	14.8	6.8	2.6	0.0	0.0	0.0	36.3
2020	0.0	0.0	0.0	0.1	3.2	3.5	14.0	10.9	3.7	0.0	0.0	0.0	35.4
2021	0.0	0.0	0.0	0.2	3.1	5.7	10.5	8.7	4.4	0.0	0.0	0.0	32.6
2022	0.0	0.0	0.0	0.8	5.0	8.5	8.5	6.2	3.2	0.0	0.0	0.0	32.2
2023	0.0	0.0	0.0	0.6	2.5	7.8	9.4	8.4	5.0	0.0	0.0	0.0	33.7
2024	0.0	0.0	0.0	0.5	3.4	6.8	8.6	8.0	4.9	0.0	0.0	0.0	32.2
2025	0.0	0.0	0.0	1.1	3.7	6.9	14.1	8.7	3.9	0.0	0.0	0.0	38.4
2026	0.0	0.0	0.0	1.6	1.7	9.0	7.6	10.3	4.6	0.0	0.0	0.0	34.8
2027	0.0	0.0	0.0	0.1	0.0	3.3	11.9	9.7	2.0	0.0	0.0	0.0	27.0
2028	0.0	0.0	0.0	0.0	1.5	5.0	13.1	11.3	4.1	0.0	0.0	0.0	35.0
2029	0.0	0.0	0.0	0.0	2.5	6.4	10.6	11.8	2.8	0.0	0.0	0.0	34.1
2030	0.0	0.0	0.0	1.4	5.5	7.5	12.6	9.6	1.8	0.0	0.0	0.0	38.4
2031	0.0	0.0	0.0	0.1	3.8	5.4	12.0	10.5	1.5	0.0	0.0	0.0	33.3
2032	0.0	0.0	0.0	1.7	1.1	9.4	13.2	9.6	3.3	0.0	0.0	0.0	38.3
2033	0.0	0.0	0.0	0.7	2.9	9.4	13.0	7.0	2.8	0.0	0.0	0.0	35.8
2034	0.0	0.0	0.0	0.5	4.0	8.2	12.7	10.8	2.1	0.0	0.0	0.0	38.3
2035	0.0	0.0	0.0	0.2	1.1	6.5	12.7	11.7	4.1	0.0	0.0	0.0	36.3
2036	0.0	0.0	0.0	0.3	1.2	3.2	12.9	9.6	3.6	0.0	0.0	0.0	30.8
2037	0.0	0.0	0.0	0.7	2.4	3.4	6.5	8.2	4.1	0.0	0.0	0.0	25.3
2038	0.0	0.0	0.0	0.2	4.1	3.0	6.2	4.0	1.9	0.0	0.0	0.0	19.4
2039	0.0	0.0	0.0	0.5	4.7	8.4	12.1	9.6	4.1	0.0	0.0	0.0	39.4
2040	0.0	0.0	0.0	0.0	0.8	3.3	10.3	11.2	2.3	0.0	0.0	0.0	27.9
2041	0.0	0.0	0.0	0.1	0.5	8.5	12.4	6.3	2.2	0.0	0.0	0.0	30.0
2042	0.0	0.0	0.0	0.0	1.2	6.0	3.3	10.0	3.8	0.0	0.0	0.0	24.3
Mean	0.0	0.0	0.0	0.5	2.7	6.8	11.3	10.1	3.3	0.0	0.0	0.0	34.2
Min	0.0	0.0	0.0	0.0	0.0	1.0	3.3	4.0	1.2	0.0	0.0	0.0	19.4
Max	0.0	0.0	0.0	1.7	5.6	10.2	17.2	14.2	5.3	0.0	0.0	0.0	46.4

Appendix M-6

Table 7
Angostura Contract Negotiation EIS
Canal Requirements (kaf)

Year	Improved Efficiency Alternative for 12,218 acres												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1998	0.0	0.0	0.0	0.0	3.2	8.4	12.9	9.8	4.4	0.0	0.0	0.0	38.7
1999	0.0	0.0	0.0	1.4	2.6	7.6	14.5	12.6	4.7	0.0	0.0	0.0	43.4
2000	0.0	0.0	0.0	1.5	3.2	6.1	11.8	8.7	1.8	0.0	0.0	0.0	33.1
2001	0.0	0.0	0.0	0.3	1.3	9.4	11.7	9.6	4.1	0.0	0.0	0.0	36.4
2002	0.0	0.0	0.0	0.0	0.1	5.3	13.1	9.8	3.0	0.0	0.0	0.0	31.3
2003	0.0	0.0	0.0	0.4	5.3	6.0	7.9	11.5	4.9	0.0	0.0	0.0	36.0
2004	0.0	0.0	0.0	0.7	2.4	7.0	12.7	13.8	1.9	0.0	0.0	0.0	38.5
2005	0.0	0.0	0.0	1.2	4.6	6.4	16.3	11.9	5.2	0.0	0.0	0.0	45.6
2006	0.0	0.0	0.0	0.4	2.3	10.0	10.1	14.0	2.9	0.0	0.0	0.0	39.7
2007	0.0	0.0	0.0	1.6	0.8	3.2	8.4	11.7	3.9	0.0	0.0	0.0	29.6
2008	0.0	0.0	0.0	0.3	4.2	3.5	10.2	10.9	2.9	0.0	0.0	0.0	32.0
2009	0.0	0.0	0.0	0.4	2.6	4.5	16.9	10.3	4.2	0.0	0.0	0.0	38.9
2010	0.0	0.0	0.0	0.9	1.5	4.7	10.1	9.6	1.2	0.0	0.0	0.0	28.0
2011	0.0	0.0	0.0	0.1	5.5	9.8	10.8	7.4	3.0	0.0	0.0	0.0	36.6
2012	0.0	0.0	0.0	0.3	1.1	1.0	13.1	11.9	3.9	0.0	0.0	0.0	31.3
2013	0.0	0.0	0.0	0.1	1.9	2.2	11.2	8.5	3.3	0.0	0.0	0.0	27.2
2014	0.0	0.0	0.0	1.4	4.9	5.7	6.5	13.9	5.0	0.0	0.0	0.0	37.4
2015	0.0	0.0	0.0	0.3	4.3	7.6	11.9	13.1	3.0	0.0	0.0	0.0	40.2
2016	0.0	0.0	0.0	0.1	0.4	7.7	10.6	12.1	2.1	0.0	0.0	0.0	33.0
2017	0.0	0.0	0.0	0.4	2.8	4.1	9.9	8.8	3.3	0.0	0.0	0.0	29.3
2018	0.0	0.0	0.0	0.0	0.6	9.2	9.4	10.2	2.0	0.0	0.0	0.0	31.4
2019	0.0	0.0	0.0	0.2	4.3	7.4	14.6	6.7	2.5	0.0	0.0	0.0	35.7
2020	0.0	0.0	0.0	0.1	3.2	3.5	13.7	10.7	3.7	0.0	0.0	0.0	34.9
2021	0.0	0.0	0.0	0.2	3.1	5.6	10.3	8.6	4.3	0.0	0.0	0.0	32.1
2022	0.0	0.0	0.0	0.8	4.9	8.4	8.3	6.1	3.2	0.0	0.0	0.0	31.7
2023	0.0	0.0	0.0	0.6	2.5	7.7	9.3	8.2	4.9	0.0	0.0	0.0	33.2
2024	0.0	0.0	0.0	0.4	3.4	6.6	8.5	7.9	4.8	0.0	0.0	0.0	31.6
2025	0.0	0.0	0.0	1.1	3.7	6.8	13.8	8.6	3.9	0.0	0.0	0.0	37.9
2026	0.0	0.0	0.0	1.6	1.7	8.8	7.5	10.1	4.5	0.0	0.0	0.0	34.2
2027	0.0	0.0	0.0	0.1	0.0	3.2	11.7	9.5	2.0	0.0	0.0	0.0	26.5
2028	0.0	0.0	0.0	0.0	1.5	4.9	12.9	11.1	4.0	0.0	0.0	0.0	34.4
2029	0.0	0.0	0.0	0.0	2.4	6.3	10.4	11.6	2.7	0.0	0.0	0.0	33.4
2030	0.0	0.0	0.0	1.4	5.4	7.4	12.4	9.5	1.8	0.0	0.0	0.0	37.9
2031	0.0	0.0	0.0	0.1	3.8	5.4	11.8	10.3	1.5	0.0	0.0	0.0	32.9
2032	0.0	0.0	0.0	1.7	1.0	9.2	13.0	9.5	3.2	0.0	0.0	0.0	37.6
2033	0.0	0.0	0.0	0.7	2.8	9.3	12.8	6.9	2.8	0.0	0.0	0.0	35.3
2034	0.0	0.0	0.0	0.5	3.9	8.1	12.5	10.6	2.0	0.0	0.0	0.0	37.6
2035	0.0	0.0	0.0	0.2	1.1	6.4	12.5	11.5	4.1	0.0	0.0	0.0	35.8
2036	0.0	0.0	0.0	0.3	1.2	3.1	12.7	9.4	3.5	0.0	0.0	0.0	30.2
2037	0.0	0.0	0.0	0.7	2.4	3.3	6.4	8.1	4.0	0.0	0.0	0.0	24.9
2038	0.0	0.0	0.0	0.2	4.0	2.9	6.1	4.0	1.8	0.0	0.0	0.0	19.0
2039	0.0	0.0	0.0	0.5	4.7	8.2	11.9	9.4	4.1	0.0	0.0	0.0	38.8
2040	0.0	0.0	0.0	0.0	0.8	3.2	10.2	11.0	2.3	0.0	0.0	0.0	27.5
2041	0.0	0.0	0.0	0.1	0.4	8.3	12.2	6.1	2.2	0.0	0.0	0.0	29.3
2042	0.0	0.0	0.0	0.0	1.2	5.9	8.3	9.8	3.7	0.0	0.0	0.0	23.9
Mean	0.0	0.0	0.0	0.5	2.6	6.2	11.1	9.9	3.3	0.0	0.0	0.0	33.6
Min	0.0	0.0	0.0	0.0	0.0	1.0	3.3	4.0	1.2	0.0	0.0	0.0	19.0
Max	0.0	0.0	0.0	1.7	5.5	10.0	16.9	14.0	5.2	0.0	0.0	0.0	45.6

Table 8
Angostura Contract Negotiation EIS
Canal Requirements (kaf)

Year	Improved Efficiency Alternative for 10,000 acres												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1998	0.0	0.0	0.0	0.0	2.6	6.9	10.6	8.0	3.6	0.0	0.0	0.0	31.7
1999	0.0	0.0	0.0	1.2	2.2	6.2	11.9	10.3	3.9	0.0	0.0	0.0	35.7
2000	0.0	0.0	0.0	1.2	2.6	5.0	9.7	7.1	1.5	0.0	0.0	0.0	27.1
2001	0.0	0.0	0.0	0.2	1.1	7.7	9.5	7.8	3.4	0.0	0.0	0.0	29.7
2002	0.0	0.0	0.0	0.0	0.1	4.4	10.7	8.0	2.4	0.0	0.0	0.0	25.6
2003	0.0	0.0	0.0	0.3	4.4	4.9	6.5	9.4	4.0	0.0	0.0	0.0	29.5
2004	0.0	0.0	0.0	0.6	1.9	5.7	10.4	11.3	1.6	0.0	0.0	0.0	31.5
2005	0.0	0.0	0.0	1.0	3.8	5.2	13.4	9.7	4.3	0.0	0.0	0.0	37.4
2006	0.0	0.0	0.0	0.3	1.9	8.2	8.3	11.4	2.4	0.0	0.0	0.0	32.5
2007	0.0	0.0	0.0	1.3	0.7	2.6	6.9	9.6	3.2	0.0	0.0	0.0	24.3
2008	0.0	0.0	0.0	0.2	3.4	2.9	8.3	9.0	2.4	0.0	0.0	0.0	26.2
2009	0.0	0.0	0.0	0.4	2.2	3.7	13.8	8.4	3.4	0.0	0.0	0.0	31.9
2010	0.0	0.0	0.0	0.8	1.2	3.9	8.3	7.9	1.0	0.0	0.0	0.0	23.1
2011	0.0	0.0	0.0	0.1	4.5	8.0	8.8	6.1	2.5	0.0	0.0	0.0	30.0
2012	0.0	0.0	0.0	0.2	0.9	0.8	10.7	9.7	3.2	0.0	0.0	0.0	25.5
2013	0.0	0.0	0.0	0.1	1.5	1.8	9.1	6.9	2.7	0.0	0.0	0.0	22.1
2014	0.0	0.0	0.0	1.1	4.0	4.7	5.3	11.4	4.1	0.0	0.0	0.0	30.6
2015	0.0	0.0	0.0	0.2	3.6	6.3	9.8	10.7	2.4	0.0	0.0	0.0	33.0
2016	0.0	0.0	0.0	0.1	0.4	6.3	8.7	9.9	1.7	0.0	0.0	0.0	27.1
2017	0.0	0.0	0.0	0.4	2.3	3.3	8.1	7.2	2.7	0.0	0.0	0.0	24.0
2018	0.0	0.0	0.0	0.0	0.5	7.5	7.7	8.3	1.6	0.0	0.0	0.0	25.6
2019	0.0	0.0	0.0	0.1	3.5	6.1	11.9	5.5	2.1	0.0	0.0	0.0	29.2
2020	0.0	0.0	0.0	0.1	2.6	2.8	11.2	8.8	3.0	0.0	0.0	0.0	28.5
2021	0.0	0.0	0.0	0.2	2.5	4.6	8.4	7.0	3.5	0.0	0.0	0.0	26.2
2022	0.0	0.0	0.0	0.7	4.0	6.8	6.8	5.0	2.6	0.0	0.0	0.0	25.9
2023	0.0	0.0	0.0	0.5	2.0	6.3	7.6	6.7	4.0	0.0	0.0	0.0	27.1
2024	0.0	0.0	0.0	0.4	2.8	5.4	7.0	6.4	4.0	0.0	0.0	0.0	26.0
2025	0.0	0.0	0.0	0.9	3.0	5.6	11.3	7.0	3.2	0.0	0.0	0.0	31.0
2026	0.0	0.0	0.0	1.3	1.4	7.2	6.1	8.3	3.7	0.0	0.0	0.0	28.0
2027	0.0	0.0	0.0	0.1	0.0	2.6	9.5	7.8	1.6	0.0	0.0	0.0	21.6
2028	0.0	0.0	0.0	0.0	1.2	4.0	10.6	9.1	3.3	0.0	0.0	0.0	28.2
2029	0.0	0.0	0.0	0.0	2.0	5.2	8.5	9.5	2.2	0.0	0.0	0.0	27.4
2030	0.0	0.0	0.0	1.1	4.4	6.1	10.1	7.8	1.4	0.0	0.0	0.0	30.9
2031	0.0	0.0	0.0	0.1	3.1	4.4	9.7	8.4	1.2	0.0	0.0	0.0	26.9
2032	0.0	0.0	0.0	1.4	0.9	7.6	10.6	7.8	2.6	0.0	0.0	0.0	30.9
2033	0.0	0.0	0.0	0.6	2.3	7.6	10.5	5.7	2.3	0.0	0.0	0.0	29.0
2034	0.0	0.0	0.0	0.4	3.2	6.6	10.2	8.7	1.7	0.0	0.0	0.0	30.8
2035	0.0	0.0	0.0	0.1	0.9	5.2	10.2	9.4	3.3	0.0	0.0	0.0	29.1
2036	0.0	0.0	0.0	0.2	1.0	2.6	10.4	7.7	2.9	0.0	0.0	0.0	24.8
2037	0.0	0.0	0.0	0.6	1.9	2.7	5.2	6.6	3.3	0.0	0.0	0.0	20.3
2038	0.0	0.0	0.0	0.2	3.3	2.4	5.0	3.2	1.5	0.0	0.0	0.0	15.6
2039	0.0	0.0	0.0	0.4	3.8	6.7	9.8	7.7	3.3	0.0	0.0	0.0	31.7
2040	0.0	0.0	0.0	0.0	0.6	2.6	8.3	9.0	1.9	0.0	0.0	0.0	22.4
2041	0.0	0.0	0.0	0.0	0.4	6.8	10.0	5.0	1.8	0.0	0.0	0.0	24.0
2042	0.0	0.0	0.0	0.0	1.0	4.8	2.7	8.0	3.1	0.0	0.0	0.0	19.6
Mean	0.0	0.0	0.0	0.4	2.2	5.1	9.1	8.1	2.7	0.0	0.0	0.0	27.5
Min	0.0	0.0	0.0	0.0	0.0	0.8	2.7	3.2	1.0	0.0	0.0	0.0	15.6
Max	0.0	0.0	0.0	1.4	4.5	8.2	13.8	11.4	4.3	0.0	0.0	0.0	37.4

Appendix M-8