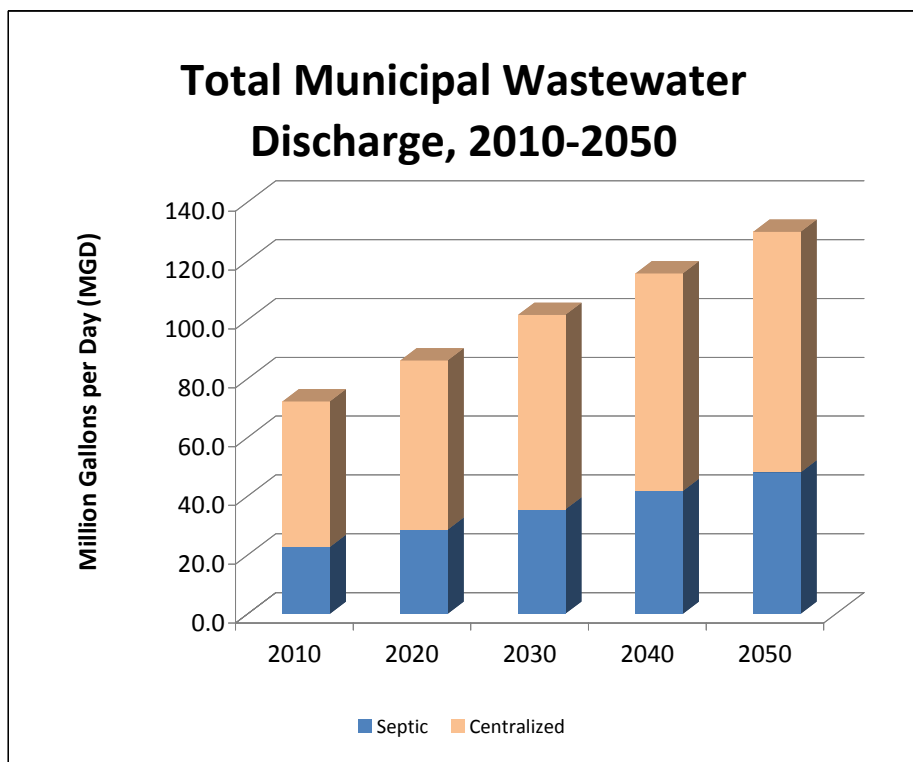


Draft March 2010 Municipal Wastewater Demand Forecasts for the Coastal Georgia Water Planning Region

These draft forecasts are for discussion and use in regional water planning only. They reflect an application of current management practices into the future. As such, Councils may opt to adjust this current application.

CG3. Total Municipal Wastewater Produced (mgd), max monthly demand

COUNTY	2010	2020	2030	2040	2050
Bryan	2.85	3.81	4.93	5.88	6.99
Bulloch	6.15	7.48	9.07	10.58	11.99
Camden	5.88	8.09	10.93	13.62	16.44
Chatham	32.69	36.14	39.45	42.30	44.90
Effingham	4.87	6.87	9.41	11.71	13.77
Glynn	10.85	12.68	14.65	16.70	18.89
Liberty	6.62	8.25	9.64	10.80	12.08
Long	1.08	1.29	1.51	1.76	2.05
McIntosh	1.25	1.63	2.06	2.42	2.81
Grand Total	72.24	86.25	101.64	115.78	129.93



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CG3.1 Municipal Septic Wastewater (mgd), max month

COUNTY	2010	2020	2030	2040	2050
Bryan	2.13	2.84	3.68	4.39	5.21
Bulloch	4.07	4.96	6.01	7.00	7.94
Camden	1.66	2.28	3.07	3.82	4.60
Chatham	2.86	3.14	3.41	3.63	3.83
Effingham	4.27	6.02	8.24	10.26	12.06
Glynn	3.76	4.39	5.06	5.76	6.50
Liberty	1.98	2.47	2.88	3.23	3.61
Long	0.94	1.12	1.31	1.53	1.78
McIntosh	1.14	1.49	1.88	2.21	2.57
Grand Total	22.81	28.70	35.53	41.82	48.09

CG3.2 Municipal Septic Wastewater (% of wastewater flow)

COUNTY	2010	2020	2030	2040	2050
Bryan	75%	75%	75%	75%	75%
Bulloch	66%	66%	66%	66%	66%
Camden	28%	28%	28%	28%	28%
Chatham	9%	9%	9%	9%	9%
Effingham	88%	88%	88%	88%	88%
Glynn	35%	35%	35%	34%	34%
Liberty	30%	30%	30%	30%	30%
Long	87%	87%	87%	87%	87%
McIntosh	91%	91%	91%	91%	91%
Grand Total	32%	33%	35%	36%	37%

CG3.3 Municipal Centralized Wastewater (mgd), max month

COUNTY	2010	2020	2030	2040	2050
Bryan	0.72	0.97	1.25	1.50	1.78
Bulloch	2.07	2.53	3.06	3.57	4.05
Camden	4.22	5.81	7.86	9.80	11.85
Chatham	29.83	33.00	36.04	38.67	41.07
Effingham	0.60	0.85	1.17	1.46	1.71
Glynn	7.09	8.30	9.59	10.94	12.38
Liberty	4.64	5.79	6.76	7.58	8.48
Long	0.14	0.17	0.20	0.23	0.27
McIntosh	0.11	0.14	0.18	0.21	0.25
Grand Total	49.43	57.55	66.11	73.96	81.84

CG3.4 Municipal Centralized Wastewater (% of wastewater flow)

COUNTY	2010	2020	2030	2040	2050
Bryan	25%	25%	25%	25%	25%
Bulloch	34%	34%	34%	34%	34%
Camden	72%	72%	72%	72%	72%
Chatham	91%	91%	91%	91%	91%
Effingham	12%	12%	12%	12%	12%
Glynn	65%	65%	65%	66%	66%
Liberty	70%	70%	70%	70%	70%
Long	13%	13%	13%	13%	13%
McIntosh	9%	9%	9%	9%	9%
Grand Total	68%	67%	65%	64%	63%

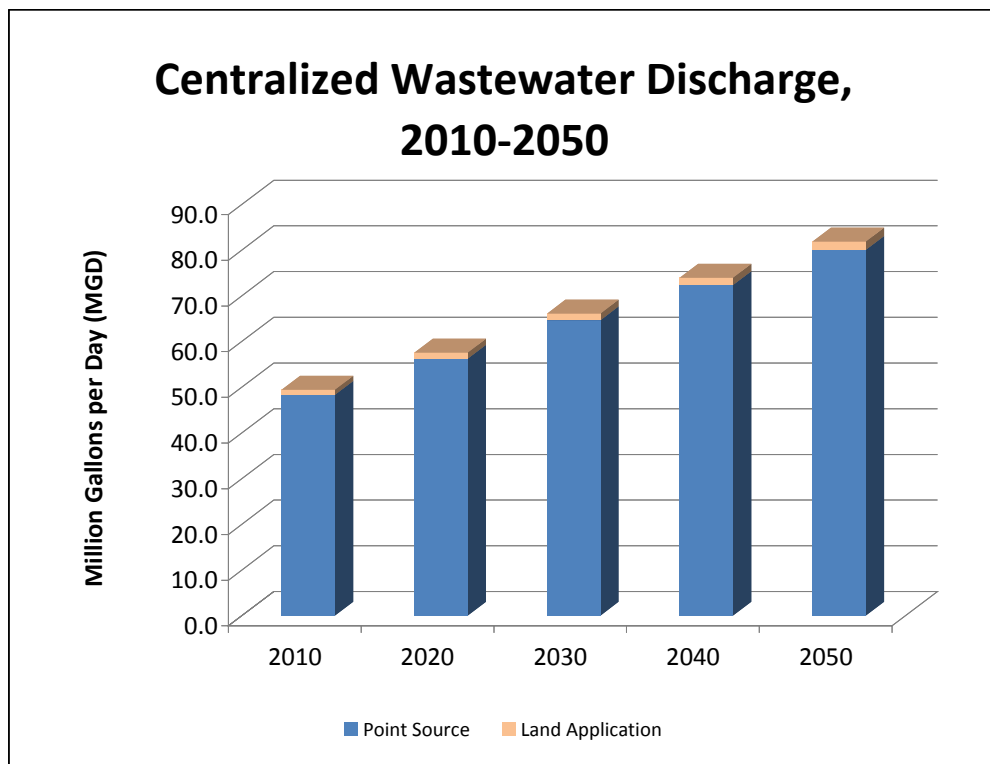
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CG3.5 Municipal Centralized Wastewater, Point Source Discharge

COUNTY	2010	2020	2030	2040	2050
Bryan	0.72	0.97	1.25	1.50	1.78
Bulloch	2.07	2.53	3.06	3.57	4.05
Camden	4.22	5.81	7.86	9.80	11.85
Chatham	29.12	32.21	35.18	37.74	40.09
Effingham	0.54	0.77	1.05	1.31	1.54
Glynn	6.99	8.18	9.45	10.78	12.20
Liberty	4.38	5.47	6.39	7.16	8.01
Long	0.14	0.17	0.20	0.23	0.27
McIntosh	0.11	0.14	0.18	0.21	0.25
Grand Total	48.30	56.24	64.62	72.31	80.04

CG3.6 Municipal Centralized Wastewater, Land Application Discharge

COUNTY	2010	2020	2030	2040	2050
Bryan	0.00	0.00	0.00	0.00	0.00
Bulloch	0.00	0.00	0.00	0.00	0.00
Camden	0.00	0.00	0.00	0.00	0.00
Chatham	0.71	0.79	0.86	0.92	0.98
Effingham	0.06	0.09	0.12	0.15	0.18
Glynn	0.10	0.12	0.14	0.16	0.18
Liberty	0.25	0.32	0.37	0.41	0.46
Long	0.00	0.00	0.00	0.00	0.00
McIntosh	0.00	0.00	0.00	0.00	0.00
Grand Total	1.13	1.31	1.49	1.65	1.80



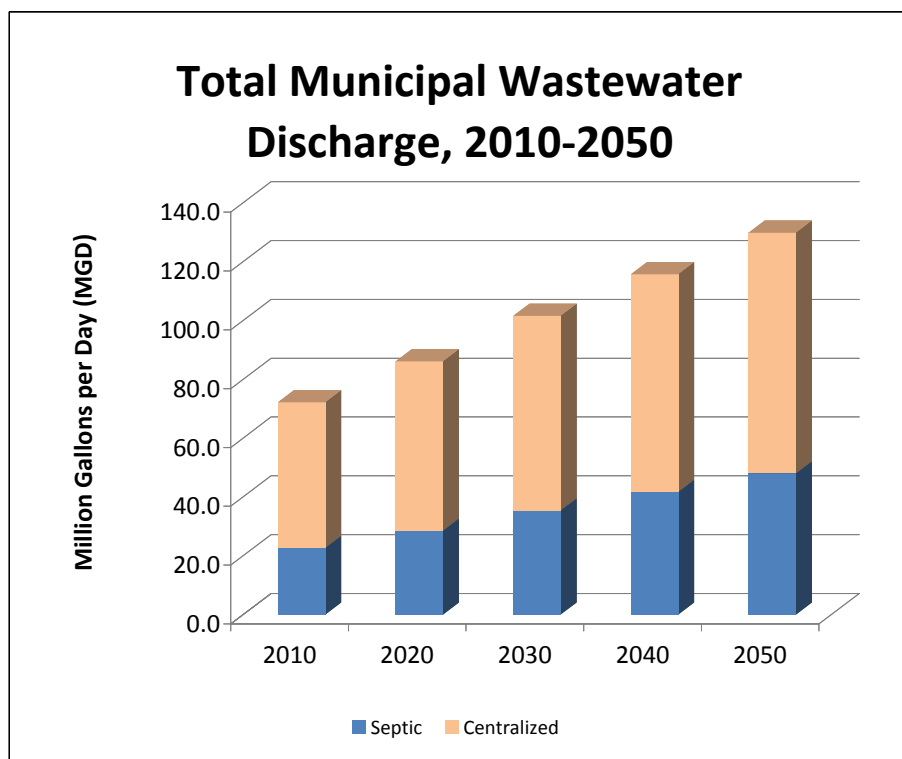
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4/20/2010

Draft March 2010 Municipal Wastewater Demand Forecasts for the Coastal Georgia Water Planning Region

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CG3. Total Municipal Wastewater Produced (mgd), max monthly demand

COUNTY	2010	2020	2030	2040	2050
Bryan	2.85	3.81	4.93	5.88	6.99
Bulloch	6.15	7.48	9.07	10.58	11.99
Camden	5.88	8.09	10.93	13.62	16.44
Chatham	32.69	36.14	39.45	42.30	44.90
Effingham	4.87	6.87	9.41	11.71	13.77
Glynn	10.85	12.68	14.65	16.70	18.89
Liberty	6.62	8.25	9.64	10.80	12.08
Long	1.08	1.29	1.51	1.76	2.05
McIntosh	1.25	1.63	2.06	2.42	2.81
Grand Total	72.24	86.25	101.64	115.78	129.93



These draft forecasts are for discussion and use in regional water planning only. They reflect an application of current management practices into the future. As such, Councils may opt to adjust this current application.

CG3.1 Municipal Septic Wastewater (mgd), max month

COUNTY	2010	2020	2030	2040	2050
Bryan	2.13	2.84	3.68	4.39	5.21
Bulloch	4.07	4.96	6.01	7.00	7.94
Camden	1.66	2.28	3.07	3.82	4.60
Chatham	2.86	3.14	3.41	3.63	3.83
Effingham	4.27	6.02	8.24	10.26	12.06
Glynn	3.76	4.39	5.06	5.76	6.50
Liberty	1.98	2.47	2.88	3.23	3.61
Long	0.94	1.12	1.31	1.53	1.78
McIntosh	1.14	1.49	1.88	2.21	2.57
Grand Total	22.81	28.70	35.53	41.82	48.09

CG3.2 Municipal Septic Wastewater (% of wastewater flow)

COUNTY	2010	2020	2030	2040	2050
Bryan	75%	75%	75%	75%	75%
Bulloch	66%	66%	66%	66%	66%
Camden	28%	28%	28%	28%	28%
Chatham	9%	9%	9%	9%	9%
Effingham	88%	88%	88%	88%	88%
Glynn	35%	35%	35%	34%	34%
Liberty	30%	30%	30%	30%	30%
Long	87%	87%	87%	87%	87%
McIntosh	91%	91%	91%	91%	91%
Grand Total	32%	33%	35%	36%	37%

CG3.3 Municipal Centralized Wastewater (mgd), max month

COUNTY	2010	2020	2030	2040	2050
Bryan	0.72	0.97	1.25	1.50	1.78
Bulloch	2.07	2.53	3.06	3.57	4.05
Camden	4.22	5.81	7.86	9.80	11.85
Chatham	29.83	33.00	36.04	38.67	41.07
Effingham	0.60	0.85	1.17	1.46	1.71
Glynn	7.09	8.30	9.59	10.94	12.38
Liberty	4.64	5.79	6.76	7.58	8.48
Long	0.14	0.17	0.20	0.23	0.27
McIntosh	0.11	0.14	0.18	0.21	0.25
Grand Total	49.43	57.55	66.11	73.96	81.84

CG3.4 Municipal Centralized Wastewater (% of wastewater flow)

COUNTY	2010	2020	2030	2040	2050
Bryan	25%	25%	25%	25%	25%
Bulloch	34%	34%	34%	34%	34%
Camden	72%	72%	72%	72%	72%
Chatham	91%	91%	91%	91%	91%
Effingham	12%	12%	12%	12%	12%
Glynn	65%	65%	65%	66%	66%
Liberty	70%	70%	70%	70%	70%
Long	13%	13%	13%	13%	13%
McIntosh	9%	9%	9%	9%	9%
Grand Total	68%	67%	65%	64%	63%

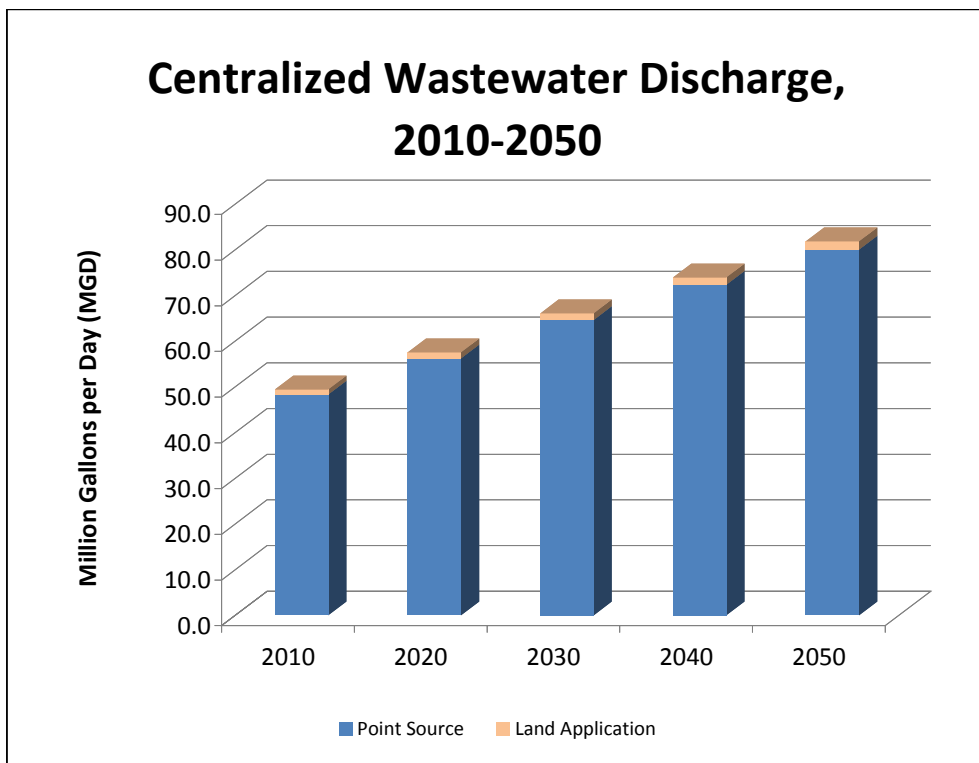
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CG3.5 Municipal Centralized Wastewater, Point Source Discharge

COUNTY	2010	2020	2030	2040	2050
Bryan	0.72	0.97	1.25	1.50	1.78
Bulloch	2.07	2.53	3.06	3.57	4.05
Camden	4.22	5.81	7.86	9.80	11.85
Chatham	29.12	32.21	35.18	37.74	40.09
Effingham	0.54	0.77	1.05	1.31	1.54
Glynn	6.99	8.18	9.45	10.78	12.20
Liberty	4.38	5.47	6.39	7.16	8.01
Long	0.14	0.17	0.20	0.23	0.27
McIntosh	0.11	0.14	0.18	0.21	0.25
Grand Total	48.30	56.24	64.62	72.31	80.04

CG3.6 Municipal Centralized Wastewater, Land Application Discharge

COUNTY	2010	2020	2030	2040	2050
Bryan	0.00	0.00	0.00	0.00	0.00
Bulloch	0.00	0.00	0.00	0.00	0.00
Camden	0.00	0.00	0.00	0.00	0.00
Chatham	0.71	0.79	0.86	0.92	0.98
Effingham	0.06	0.09	0.12	0.15	0.18
Glynn	0.10	0.12	0.14	0.16	0.18
Liberty	0.25	0.32	0.37	0.41	0.46
Long	0.00	0.00	0.00	0.00	0.00
McIntosh	0.00	0.00	0.00	0.00	0.00
Grand Total	1.13	1.31	1.49	1.65	1.80



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4/20/2010