

2011 Concord-Kannapolis IBT Tracking

Calculated Fields

Condition of IBT Certificate (January 25, 2007)

Maximum day transfer from the Catawba River Basin

10 MGD

Maximum day transfer from the Yadkin Pee-Dee River Basin

10 MGD

Maximum day transfer from the South Yadkin River Basin (grandfather)

6 MGD

Maximum day transfer to the South Yadkin River Basin (cannot exceed transfer from South Yadkin by more than 1.99 MGD)

Map Code Source Basin	Water Transfer (MGD) to Rocky River Basin				Water Sales (MGD)	IBT Totals Per Basin				Interbasin Transfer						
	Salisbury 1		Albemarle 1	CMU 1-3		NOTE: All Wastewater discharge is to the Rocky River from RRWWTP, excluding water sales to Landis (subtracted from Total South Yadkin IBT).										
	South Yadkin	Yadkin	Yadkin	Catawba	South Yadkin	South Yadkin	Yadkin	Catawba	Catawba	% of Permitted MDD Transfer	Yadkin	% of Permitted MDD Transfer	Grandfathered IBT from Second Creek - South Yadkin River Basin	% of Permitted MDD Transfer	IBT from Yadkin to South Yadkin River Basin	% of Permitted MDD Transfer
DATE	Raw Water to Kannapolis Lake from Second Creek	Salisbury Finished water Interconnection with Kannapolis	Albemarle Finished water Interconnection with Concord	CMU Finished water Interconnections with Concord	Kannapolis Finished water sales to Landis	Total South Yadkin IBT ¹	Total Yadkin IBT	Total Catawba IBT								
1/1/2011	0.000	0.300	0.000	0.000	0.157	-0.157	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.157	-2.617%	0.157	7.889%
1/2/2011	0.000	0.300	0.000	0.000	0.157	-0.157	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.157	-2.617%	0.157	7.889%
1/3/2011	0.000	0.300	0.000	0.000	0.185	-0.185	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.185	-3.083%	0.185	9.296%
1/4/2011	0.000	0.300	0.000	0.000	0.183	-0.183	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.183	-3.050%	0.183	9.196%
1/5/2011	0.000	0.300	0.000	0.000	0.327	-0.327	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.327	-5.450%	0.327	16.432%
1/6/2011	0.000	0.300	0.000	0.000	0.185	-0.185	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.185	-3.083%	0.185	9.296%
1/7/2011	0.000	0.300	0.000	0.000	0.199	-0.199	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.199	-3.317%	0.199	10.000%
1/8/2011	0.000	0.300	0.000	0.000	0.180	-0.180	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.180	-3.000%	0.180	9.045%
1/9/2011	0.000	0.300	0.000	0.000	0.367	-0.367	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.367	-6.117%	0.367	18.442%
1/10/2011	0.000	0.300	0.000	0.000	0.161	-0.161	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.161	-2.683%	0.161	8.090%
1/11/2011	0.000	0.300	0.000	0.000	0.153	-0.153	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.153	-2.550%	0.153	7.688%
1/12/2011	0.000	0.300	0.000	0.000	0.150	-0.150	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.150	-2.500%	0.150	7.538%
1/13/2011	0.000	0.300	0.000	0.000	0.152	-0.152	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.152	-2.533%	0.152	7.638%
1/14/2011	0.000	0.300	0.000	0.000	0.147	-0.147	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.147	-2.450%	0.147	7.387%
1/15/2011	0.000	0.300	0.000	0.000	0.155	-0.155	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.155	-2.583%	0.155	7.789%
1/16/2011	0.000	0.300	0.000	0.000	0.142	-0.142	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.142	-2.367%	0.142	7.136%
1/17/2011	0.000	0.300	0.000	0.000	0.197	-0.197	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.197	-3.283%	0.197	9.899%
1/18/2011	0.000	0.300	0.000	0.000	0.151	-0.151	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.151	-2.517%	0.151	7.588%
1/19/2011	0.000	0.300	0.000	0.000	0.185	-0.185	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.185	-3.083%	0.185	9.296%
1/20/2011	0.000	0.300	0.000	0.000	0.182	-0.182	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.182	-3.033%	0.182	9.146%
1/21/2011	0.000	0.300	0.000	0.000	0.180	-0.180	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.180	-3.000%	0.180	9.045%
1/22/2011	0.000	0.300	0.000	0.000	0.188	-0.188	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.188	-3.133%	0.188	9.447%
1/23/2011	0.000	0.300	0.000	0.000	0.187	-0.187	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.187	-3.117%	0.187	9.397%
1/24/2011	0.000	0.300	0.000	0.000	0.162	-0.162	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.162	-2.700%	0.162	8.141%
1/25/2011	0.000	0.300	0.000	0.000	0.166	-0.166	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.166	-2.767%	0.166	8.342%
1/26/2011	0.000	0.300	0.000	0.000	0.169	-0.169	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.169	-2.817%	0.169	8.492%
1/27/2011	0.000	0.300	0.000	0.000	0.164	-0.164	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.164	-2.733%	0.164	8.241%
1/28/2011	0.000	0.300	0.000	0.000	0.170	-0.170	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.170	-2.833%	0.170	8.543%
1/29/2011	0.000	0.300	0.000	0.000	0.165	-0.165	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.165	-2.750%	0.165	8.291%
1/30/2011	0.000	0.300	0.000	0.000	0.168	-0.168	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.168	-2.800%	0.168	8.442%
1/31/2011	0.000	0.300	0.000	0.000	0.151	-0.151	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.151	-2.517%	0.151	7.588%
2/1/2011	0.000	0.300	0.000	0.000	0.148	-0.148	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.148	-2.467%	0.148	7.437%
2/2/2011	0.000	0.300	0.000	0.000	0.151	-0.151	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.151	-2.517%	0.151	7.588%
2/3/2011	0.000	0.300	0.000	0.000	0.158	-0.158	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.158	-2.633%	0.158	7.940%
2/4/2011	0.000	0.300	0.000	0.000	0.159	-0.159	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.159	-2.650%	0.159	7.990%
2/5/2011	0.000	0.300	0.000	0.000	0.152	-0.152	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.152	-2.533%	0.152	7.638%
2/6/2011	0.000	0.300	0.000	0.000	0.159	-0.159	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.159	-2.650%	0.159	7.990%
2/7/2011	0.000	0.300	0.000	0.000	0.187	-0.187	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.187	-3.117%	0.187	9.397%
2/8/2011	0.000	0.300	0.000	0.000	0.161	-0.161	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.161	-2.683%	0.161	8.090%
2/9/2011	0.000	0.300	0.000	0.000	0.188	-0.188	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.188	-3.133%	0.188	9.447%
2/10/2011	0.000	0.300	0.000	0.000	0.142	-0.142	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.142	-2.367%	0.142	7.136%
2/11/2011	0.000	0.300	0.000	0.000	0.238	-0.238	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.238	-3.967%	0.238	11.960%
2/12/2011	0.000	0.300	0.000	0.000	0.172	-0.172	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.172	-2.867%	0.172	8.643%
2/13/2011	0.000	0.300	0.000	0.000	0.175	-0.175	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.175	-2.917%	0.175	8.794%
2/14/2011	0.000	0.300	0.000	0.000	0.166	-0.166	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.166	-2.767%	0.166	8.342%
2/15/2011	0.000	0.300	0.000	0.000	0.124	-0.124	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.124	-2.067%	0.124	6.231%
2/16/2011	0.000	0.300	0.000	0.000	0.175	-0.175	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.175	-2.917%	0.175	8.794%

Map Code Source Basin	Water Transfer (MGD) to Rocky River Basin				Water Sales (MGD)	IBT Totals Per Basin			Interbasin Transfer							
	Salisbury 1		Albemarle 1	CMU 1-3		NOTE: All Wastewater discharge is to the Rocky River from RRWWTP, excluding water sales to Landis (subtracted from Total South Yadkin IBT).										
	South Yadkin	Yadkin	Yadkin	Catawba	South Yadkin	South Yadkin	Yadkin	Catawba	Catawba	% of Permitted MDD Transfer	Yadkin	% of Permitted MDD Transfer	Grandfathered IBT from Second Creek - South Yadkin River Basin	% of Permitted MDD Transfer	IBT from Yadkin to South Yadkin River Basin	% of Permitted MDD Transfer
DATE	Raw Water to Kannapolis Lake from Second Creek	Salisbury Finished water Interconnection with Kannapolis	Albemarle Finished water Interconnection with Concord	CMU Finished water Interconnections with Concord	Kannapolis Finished water sales to Landis	Total South Yadkin IBT ¹	Total Yadkin IBT	Total Catawba IBT								
11/19/2011	5.500	0.300	0.000	0.000	0.173	5.327	0.300	0.000	0.000	0.000%	0.300	3.000%	5.327	88.783%	0.173	8.693%
11/20/2011	5.500	0.300	0.000	0.000	0.211	5.289	0.300	0.000	0.000	0.000%	0.300	3.000%	5.289	88.150%	0.211	10.603%
11/21/2011	5.500	0.300	0.000	0.000	0.156	5.344	0.300	0.000	0.000	0.000%	0.300	3.000%	5.344	89.067%	0.156	7.839%
11/22/2011	5.500	0.300	0.000	0.000	0.208	5.292	0.300	0.000	0.000	0.000%	0.300	3.000%	5.292	88.200%	0.208	10.452%
11/23/2011	5.500	0.300	0.000	0.000	0.169	5.331	0.300	0.000	0.000	0.000%	0.300	3.000%	5.331	88.850%	0.169	8.492%
11/24/2011	5.500	0.300	0.000	0.000	0.171	5.329	0.300	0.000	0.000	0.000%	0.300	3.000%	5.329	88.817%	0.171	8.593%
11/25/2011	5.500	0.300	0.000	0.000	0.124	5.376	0.300	0.000	0.000	0.000%	0.300	3.000%	5.376	89.600%	0.124	6.231%
11/26/2011	5.500	0.300	0.000	0.000	0.160	5.340	0.300	0.000	0.000	0.000%	0.300	3.000%	5.340	89.000%	0.160	8.040%
11/27/2011	5.500	0.300	0.000	0.000	0.157	5.343	0.300	0.000	0.000	0.000%	0.300	3.000%	5.343	89.050%	0.157	7.889%
11/28/2011	5.500	0.300	0.000	0.000	0.178	5.322	0.300	0.000	0.000	0.000%	0.300	3.000%	5.322	88.700%	0.178	8.945%
11/29/2011	5.500	0.300	0.000	0.000	0.102	5.398	0.300	0.000	0.000	0.000%	0.300	3.000%	5.398	89.967%	0.102	5.126%
11/30/2011	0.000	0.300	0.000	0.000	0.175	-0.175	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.175	-2.917%	0.175	8.794%
12/1/2011	0.000	0.300	0.000	0.000	0.170	-0.170	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.170	-2.833%	0.170	8.543%
12/2/2011	0.000	0.300	0.000	0.000	0.164	-0.164	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.164	-2.733%	0.164	8.241%
12/3/2011	0.000	0.300	0.000	0.000	0.174	-0.174	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.174	-2.900%	0.174	8.744%
12/4/2011	0.000	0.300	0.000	0.000	0.171	-0.171	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.171	-2.850%	0.171	8.593%
12/5/2011	0.000	0.300	0.000	0.000	0.180	-0.180	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.180	-3.000%	0.180	9.045%
12/6/2011	0.000	0.300	0.000	0.000	0.251	-0.251	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.251	-4.183%	0.251	12.613%
12/7/2011	0.000	0.300	0.000	0.000	0.203	-0.203	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.203	-3.383%	0.203	10.201%
12/8/2011	0.000	0.300	0.000	0.000	0.170	-0.170	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.170	-2.833%	0.170	8.543%
12/9/2011	5.500	0.300	0.000	0.000	0.152	5.348	0.300	0.000	0.000	0.000%	0.300	3.000%	5.348	89.133%	0.152	7.638%
12/10/2011	5.500	0.300	0.000	0.000	0.150	5.350	0.300	0.000	0.000	0.000%	0.300	3.000%	5.350	89.167%	0.150	7.538%
12/11/2011	5.500	0.300	0.000	0.000	0.139	5.361	0.300	0.000	0.000	0.000%	0.300	3.000%	5.361	89.350%	0.139	6.985%
12/12/2011	5.500	0.300	0.000	0.000	0.180	5.320	0.300	0.000	0.000	0.000%	0.300	3.000%	5.320	88.667%	0.180	9.045%
12/13/2011	5.500	0.300	0.000	0.000	0.173	5.327	0.300	0.000	0.000	0.000%	0.300	3.000%	5.327	88.783%	0.173	8.693%
12/14/2011	5.500	0.300	0.000	0.000	0.197	5.303	0.300	0.000	0.000	0.000%	0.300	3.000%	5.303	88.383%	0.197	9.899%
12/15/2011	5.500	0.300	0.000	0.000	0.176	5.324	0.300	0.000	0.000	0.000%	0.300	3.000%	5.324	88.733%	0.176	8.844%
12/16/2011	5.500	0.300	0.000	0.000	0.271	5.229	0.300	0.000	0.000	0.000%	0.300	3.000%	5.229	87.150%	0.271	13.618%
12/17/2011	5.500	0.300	0.000	0.000	0.139	5.361	0.300	0.000	0.000	0.000%	0.300	3.000%	5.361	89.350%	0.139	6.985%
12/18/2011	0.000	0.300	0.000	0.000	0.182	-0.182	0.300	0.000	0.000	0.000%	0.300	3.000%	-0.182	-3.033%	0.182	9.146%
12/19/2011	5.500	0.300	0.000	0.000	0.182	5.318	0.300	0.000	0.000	0.000%	0.300	3.000%	5.318	88.633%	0.182	9.146%
12/20/2011	5.500	0.300	0.000	0.000	0.186	5.314	0.300	0.000	0.000	0.000%	0.300	3.000%	5.314	88.567%	0.186	9.347%
12/21/2011	5.500	0.300	0.000	0.000	0.185	5.315	0.300	0.000	0.000	0.000%	0.300	3.000%	5.315	88.583%	0.185	9.296%
12/22/2011	5.500	0.300	0.000	0.000	0.300	5.200	0.300	0.000	0.000	0.000%	0.300	3.000%	5.200	86.667%	0.300	15.075%
12/23/2011	5.500	0.300	0.000	0.000	0.205	5.295	0.300	0.000	0.000	0.000%	0.300	3.000%	5.295	88.250%	0.205	10.302%
12/24/2011	5.500	0.300	0.000	0.000	0.190	5.310	0.300	0.000	0.000	0.000%	0.300	3.000%	5.310	88.500%	0.190	9.548%
12/25/2011	5.500	0.300	0.000	0.000	0.159	5.341	0.300	0.000	0.000	0.000%	0.300	3.000%	5.341	89.017%	0.159	7.990%
12/26/2011	5.500	0.300	0.000	0.000	0.242	5.258	0.300	0.000	0.000	0.000%	0.300	3.000%	5.258	87.633%	0.242	12.161%
12/27/2011	5.500	0.300	0.000	0.000	0.164	5.336	0.300	0.000	0.000	0.000%	0.300	3.000%	5.336	88.933%	0.164	8.241%
12/28/2011	5.500	0.300	0.000	0.000	0.145	5.355	0.300	0.000	0.000	0.000%	0.300	3.000%	5.355	89.250%	0.145	7.286%
12/29/2011	5.500	0.300	0.000	0.000	0.141	5.359	0.300	0.000	0.000	0.000%	0.300	3.000%	5.359	89.317%	0.141	7.085%
12/30/2011	5.500	0.300	0.000	0.000	0.118	5.382	0.300	0.000	0.000	0.000%	0.300	3.000%	5.382	89.700%	0.118	5.930%
12/31/2011	5.500	0.300	0.000	0.000	0.152	5.348	0.300	0.000	0.000	0.000%	0.300	3.000%	5.348	89.133%	0.152	7.638%
AVG 2010	0.974	0.268	0.000	0.000	0.194	0.778	0.267	0.000	0.000	0.000%	0.268	2.679%	0.780	12.996%	0.194	9.761%
MAX 2010	5.500	0.300	0.000	0.000	0.431	5.398	0.300	0.000	0.000	0.000%	0.300	3.000%	5.398	89.967%	0.431	21.658%

¹ Transfers from Second Creek to Kannapolis Lake (South Yadkin Basin to Rocky River Basin) shall not exceed 6 MGD, positive numbers represent this direction of transfer as dominate
Transfers from Kannapolis (via purchase from Salisbury) to Landis (Yadkin Basin to South Yadkin Basin) shall not exceed 2 MGD; negative numbers represent this direction of transfer as the dominate