

Appendix Chapter 5 Water Quantity Assessment and Planning

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Groundwater Monitoring Network 2024

Table 1 Groundwater monitoring wells in the Cape Fear River Basin as of 2024.

Name	County	Aquifer	Depth (ft)
Du Pont	Bladen	Upper Cape Fear (Kucf)	325
Du Pont	Bladen	Black Creek (Kbc)	197
Du Pont	Bladen	Black Creek (Kbc)	133
Du Pont	Bladen	Surficial (S)	95
Du Pont	Bladen	Upper Cape Fear CU (Kucfcu)	268
Du Pont	Bladen	Surficial (S)	35
Kelly	Bladen	Lower Cape Fear (Klcf)	620
Kelly	Bladen	Upper Cape Fear (Kucf)	463
Kelly	Bladen	Surficial (S)	39
Kelly	Bladen	Surficial (S)	14
Kelly	Bladen	Black Creek (Kbc)	290
Kelly	Bladen	Peedee (Kpd)	84
Smithfield McNair House	Bladen	Black Creek (Kbc)	200
Smithfield McNair House	Bladen	Upper Cape Fear (Kucf)	420
Turnbull State Forest RS1	Bladen	Black Creek (Kbc)	269
Turnbull State Forest RS2	Bladen	Surficial (S)	27
Boiling Springs RS 1	Brunswick	Surficial (S)	80
Boiling Springs RS 2	Brunswick	Peedee (Kpd)	150
Boiling Springs RS 2	Brunswick	Surficial (S)	14
Maco	Brunswick	Surficial (S)	9
Maco	Brunswick	Peedee (Kpd)	36
Southport RS 4	Brunswick	Surficial (S)	21
Southport RS 4	Brunswick	Peedee (Kpd)	200
Southport RS 4	Brunswick	Castle Hayne (Tch)	74
General Timber	Chatham	Basement rock (Br)	342
Bushy Lake	Cumberland	Upper Cape Fear (Kucf)	190
Bushy Lake	Cumberland	Surficial (S)	27
Bushy Lake	Cumberland	Surficial (S)	120
Cedar Creek Fire Tower	Cumberland	Upper Black Creek (Kubc)	65
Cedar Creek Fire Tower	Cumberland	Upper Cape Fear (Kucf)	200
Cedar Creek Fire Tower	Cumberland	Surficial (S)	25
Cedar Creek Fire Tower	Cumberland	Black Creek (Kbc)	140
Seabrook School	Cumberland	Surficial (S)	29
Calypso	Duplin	Upper Cape Fear (Kucf)	156
Calypso	Duplin	Upper Cape Fear (Kucf)	267
Calypso	Duplin	Surficial (S)	35
Calypso	Duplin	Black Creek (Kbc)	60
Chinquapin Elementary School	Duplin	Peedee (Kpd)	180

Name	County	Aquifer	Depth (ft)
Chinquapin Elementary School	Duplin	Upper Cape Fear (Kucf)	465
Chinquapin Elementary School	Duplin	Surficial (S)	34
Chinquapin Elementary School	Duplin	Black Creek (Kbc)	359
Chinquapin Elementary School	Duplin	Lower Cape Fear (Klcf)	800
Chinquapin Elementary School	Duplin	Castle Hayne (Tch)	134
Pink Hill	Duplin	Black Creek (Kbc)	256
Pink Hill	Duplin	Peedee (Kpd)	136
Pink Hill	Duplin	Surficial (S)	25
Pink Hill	Duplin	Black Creek (Kbc)	396
Pink Hill	Duplin	Upper Cape Fear (Kucf)	474
Pink Hill	Duplin	Lower Cape Fear (Klcf)	592
Rose Hill	Duplin	Lower Cape Fear (Klcf)	495
Rose Hill	Duplin	Surficial (S)	14
Rose Hill	Duplin	Black Creek (Kbc)	218
Rose Hill	Duplin	Upper Cape Fear (Kucf)	413
Rose Hill	Duplin	Peedee (Kpd)	98
Rose Hill	Duplin	Surficial (S)	15.4
Rose Hill	Duplin	Surficial (S)	46
Gibsonville	Guilford	Basement rock (Br)	493
Raeford	Hoke	Surficial (S)	101
Eastwood	Moore	Surficial (S)	42
Hog Island	Moore	Surficial (S)	25
Hog Island	Moore	Surficial (S)	61
Hog Island	Moore	Upper Cape Fear (Kucf)	142
Southern Pines Water Plant	Moore	Upper Cape Fear (Kucf)	90
Southern Pines Water Plant	Moore	Surficial (S)	30
Weymouth Woods	Moore	Surficial (S)	45
Williams Old Home Place	Moore	Basement rock (Br)	102
Fort Fisher	New Hanover	Surficial (S)	13
New Hanover Correctional Institute	New Hanover	Surficial (S)	30
Northern Regional Park	New Hanover	Peedee (Kpd)	110
Northern Regional Park	New Hanover	Surficial (S)	45
Northern Regional Park	New Hanover	Peedee (Kpd)	330
Presidio	New Hanover	Peedee (Kpd)	170
Presidio	New Hanover	Peedee (Kpd)	312
Presidio	New Hanover	Surficial (S)	30
Chi Psi Fraternity, UNC	Orange	Basement saprolite (Bs)	48
Burgaw	Pender	Peedee (Kpd)	145
Burgaw	Pender	Black Creek (Kbc)	380
Holly Shelter	Pender	Surficial (S)	47
Holly Shelter	Pender	Upper Cape Fear (Kucf)	690

Name	County	Aquifer	Depth (ft)
Holly Shelter	Pender	Peedee (Kpd)	145
Holly Shelter	Pender	Black Creek (Kbc)	445
Long Creek	Pender	Peedee (Kpd)	235
Long Creek	Pender	Black Creek (Kbc)	560
Long Creek	Pender	Surficial (S)	31
Long Creek	Pender	Upper Black Creek (Kubc)	405
NC Zoo	Randolph	Basement rock (Br)	100
Clinton	Sampson	Lower Cape Fear (Klcf)	483
Clinton	Sampson	Upper Cape Fear (Kucf)	291
Clinton	Sampson	Lower Cape Fear (Klcf)	390
Clinton	Sampson	Surficial (S)	42
Clinton	Sampson	Black Creek (Kbc)	190
Clinton	Sampson	Upper Black Creek (Kubc)	112
Halls	Sampson	Black Creek (Kbc)	160
Halls	Sampson	Upper Cape Fear (Kucf)	280
Halls	Sampson	Surficial (S)	30
Ivanhoe	Sampson	Black Creek (Kbc)	338
Ivanhoe	Sampson	Upper Cape Fear (Kucf)	458
Ivanhoe	Sampson	Surficial (S)	33
Ivanhoe	Sampson	Peedee (Kpd)	135
Ivanhoe	Sampson	Black Creek (Kbc)	220
Pondberry Bay	Sampson	Upper Cape Fear (Kucf)	360
Pondberry Bay	Sampson	Black Creek (Kbc)	199
Pondberry Bay	Sampson	Surficial (S)	38
Six Runs	Sampson	Upper Cape Fear (Kucf)	266
Six Runs	Sampson	Surficial (S)	20
Six Runs	Sampson	Black Creek (Kbc)	206
Six Runs	Sampson	Black Creek (Kbc)	82
Turkey	Sampson	Black Creek (Kbc)	142
Turkey	Sampson	Lower Cape Fear (Klcf)	446
Turkey	Sampson	Black Creek (Kbc)	260
Turkey	Sampson	Surficial (S)	39
Turkey	Sampson	Upper Cape Fear (Kucf)	335

Figure 1 Water levels in groundwater monitoring well GG32T for Southport RS 4.

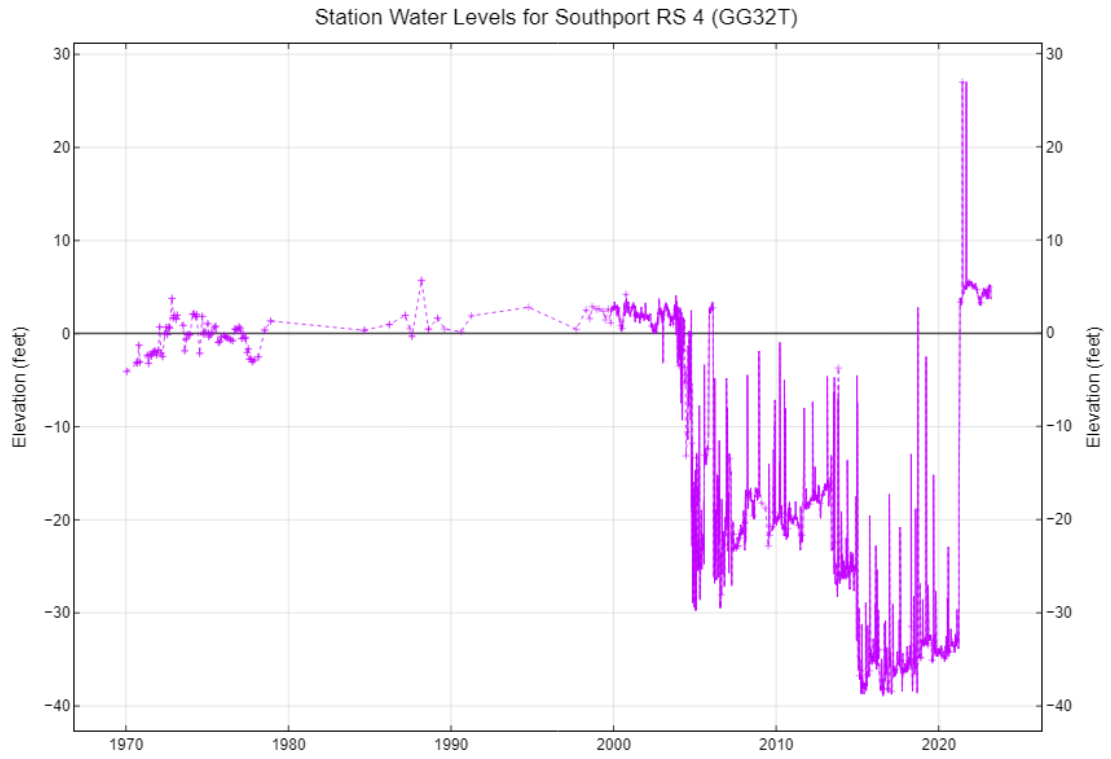
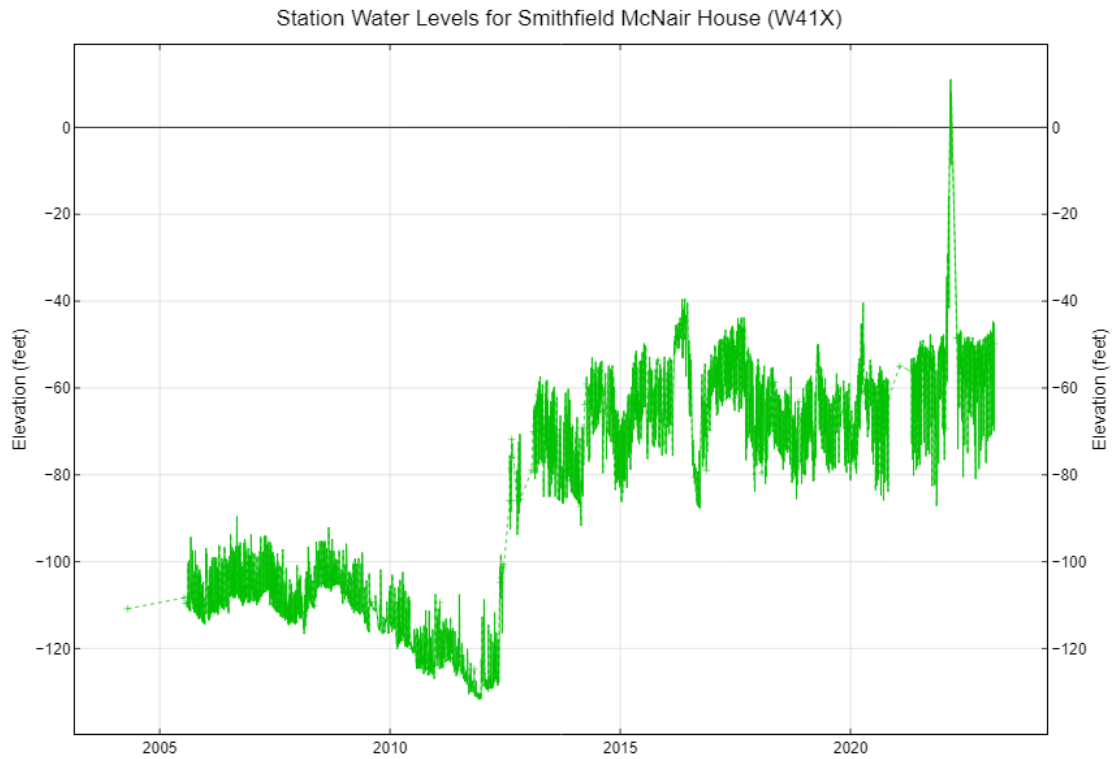


Figure 2 Water levels in groundwater monitoring well W41X for Smithfield McNair House.



USGS Stream Gages 2023

Table 2 Active USGS Gages in the Cape Fear River Basin as of 2023.

Station Name	USGS Site Number	HUC-10	Drainage Area (mi ²)
BOLIN CREEK AT VILLAGE DRIVE AT CHAPEL HILL, NC	0209734440	03030002	7.9
BOOKER CREEK AT SR 1751 NEAR CHAPEL HILL, NC	02097386	03030002	2.32
BRUSH CREEK AT MUIRFIELD RD AT GREENSBORO, NC	02093877	03030002	5.3
BUFFALO CREEK AT SR2819 NR MCLEANSVILLE, NC	0209553650	03030002	88.5
CANE CREEK NEAR ORANGE GROVE, NC	02096846	03030002	7.54
HAW RIVER AT HAW RIVER, NC	02096500	03030002	606
HAW RIVER NEAR BYNUM, NC	02096960	03030002	1275
HAW RIVER NEAR MONCURE, NC	02098206	03030002	1691
HORSEPEN CREEK AT US 220 NR GREENSBORO, NC	0209399200	03030002	15.9
MORGAN CREEK NEAR CHAPEL HILL, NC	02097517	03030002	41
MORGAN CREEK NEAR WHITE CROSS, NC	02097464	03030002	8.35
N BUFFALO CR AT WESTOVER TERRACE AT GREENSBORO, NC	02095181	03030002	9.55
NEW HOPE CREEK NEAR BLANDS, NC	02097314	03030002	75.9
NORTH BUFFALO CREEK AT CHURCH ST AT GREENSBORO, NC	02095271	03030002	14.2
NORTH BUFFALO CREEK NEAR GREENSBORO, NC	02095500	03030002	37.1
NORTHEAST CREEK AT SR1100 NR GENLEE, NC	0209741955	03030002	21.1
NORTHEAST CREEK TRIB AT SR1182 NR LOWES GROVE, NC	0209741387	03030002	3.25
REEDY FORK NEAR GIBSONVILLE, NC	02094500	03030002	131
REEDY FORK NEAR OAK RIDGE, NC	02093800	03030002	20.6
RYAN CREEK BELOW US 220 AT GREENSBORO, NC	02094775	03030002	4.12
SANDY CREEK AT CORNWALLIS RD NEAR DURHAM, NC	0209722970	03030002	4.67
SOUTH BUFFALO CR NEAR GREENSBORO, NC	02095000	03030002	34
SOUTH BUFFALO CREEK AT US 220 AT GREENSBORO, NC	02094770	03030002	15.4
SOUTH BUFFALO CREEK NR POMONA, NC	02094659	03030002	7.33
THIRD FORK CR AT WOODCROFT PARKWAY NR BLANDS, NC	02097280	03030002	14.79
THIRD FORK CREEK AT M.L. KING PARKWAY AT DURHAM, NC	0209725960	03030002	8.43
WHITE OAK CR AT MOUTH NEAR GREEN LEVEL, NC	0209782609	03030002	11.9
DEEP RIVER AT MONCURE, NC	02102000	03030003	1434
DEEP RIVER AT RAMSEUR, NC	02100500	03030003	349
EAST FORK DEEP RIVER NEAR HIGH POINT, NC	02099000	03030003	14.8
ROCKY R AT SR1300 NR CRUTCHFIELD CROSSROADS, NC	0210166029	03030003	7.42
ROCKY R AT US 64 NEAR SILER CITY, NC	02101726	03030003	68.7
TICK CREEK NEAR MOUNT VERNON SPRINGS, NC	02101800	03030003	15.5
BEAVER CR AT ALL AMERICAN FREEWAY FORT BRAGG, NC	0210433975	03030004	6.02
BEAVER CREEK AT GRUBER ROAD AT FORT BRAGG, NC	0210433959	03030004	4.78
BLOUNTS CREEK AT WINSLOW STREET AT FAYETTEVILLE NC	0210398250	03030004	10.3
BUCKHORN CREEK NR CORINTH, NC	02102192	03030004	76.3
CAPE FEAR RIVER AT FAYETTEVILLE, NC	02104000	03030004	4395

Station Name	USGS Site Number	HUC-10	Drainage Area (mi ²)
CAPE FEAR RIVER AT LILLINGTON, NC	02102500	03030004	3464
CROSS CREEK AT BLUE STREET AT FAYETTEVILLE, NC	0210382325	03030004	25.5
FLAT CREEK NEAR INVERNESS, NC	02102908	03030004	7.63
LITTLE RIVER AT MANCHESTER, NC	02103000	03030004	348
LITTLE RIVER NEAR MOUNT PLEASANT, NC	02102907	03030004	NA
ROCKFISH CREEK AT RAEFORD, NC	02104220	03030004	93.1
TANK CREEK AT BUTNER ROAD AT FORT BRAGG, NC	0210307868	03030004	2.99
TANK CREEK AT LONGSTREET ROAD AT FORT BRAGG, NC	0210307850	03030004	1.47
TANK CREEK AT REILLY ROAD AT FORT BRAGG, NC	0210307880	03030004	4.9
CAPE FEAR R AT LOCK #1 NR KELLY, NC	02105769	03030005	5255
CAPE FEAR R AT WILM O HUSKE LOCK NR TARHEEL, NC	02105500	03030005	4852
BLACK RIVER NEAR TOMAHAWK, NC	02106500	03030006	676
NORTHEAST CAPE FEAR R NR BURGAW, NC	02108566	03030007	920
NORTHEAST CAPE FEAR RIVER NEAR CHINQUAPIN, NC	02108000	03030007	599

Minimum, Tiered, and Seasonal Streamflow at Impoundments 2023

Table 3 Minimum releases, tiered releases, and seasonal adjustments for FERC and non-FERC licensed projects in the Cape Fear River Basin.

Project Name	Stream	HUC-8	Drainage Area (mi ²)	Minimum Releases (cfs)	Tiered Releases (cfs)	Seasonal Adjustment (cfs)	County
FERC Licensed Projects							
GLENCOE MILL DAM	HAW RIVER	03030002	481	57	-	-	ALAMANCE
SAXAPAHAW DAM	HAW RIVER	03030002	1016	10 OR .25 x INFLOW, WHICHEVER IS LESS IN WEST CHANNEL	-	-	ALAMANCE
B.EVERETT JORDAN RESERVOIR DAM*	HAW RIVER	03030002	1690	40	-	-	CHATHAM
BYNUM DAM	HAW RIVER	03030002	1265	80	-	-	CHATHAM
LOCKVILLE DAM	DEEP RIVER	03030003	1436	70	-	-	CHATHAM
ROCKY RIVER DAM	ROCKY RIVER	03030003	95	RUN-OF-RIVER OPERATIONS	-	-	CHATHAM
HIGH FALLS DAM	DEEP RIVER	03030003	792	108	-	-	MOORE
COLERIDGE DAM	DEEP RIVER	03030003	401	35	-	-	RANDOLPH
COX LAKE DAM	DEEP RIVER	03030003	254	42	-	-	RANDOLPH
RAEFORD DAM	ROCKFISH CREEK	03030004	179	RUN-OF-RIVER OPERATIONS	-	-	CUMBERLAND
Non-FERC Licensed Projects							
ALTAMAHAW	HAW RIVER	03030002	188	-	-	-	ALAMANCE
BACK CREEK DAM	BACK CREEK	03030002	66	-	Tiered Releases - See Footnote #1	-	ALAMANCE
LAKE MACKINTOSH DAM	BIG ALAMANCE CREEK	03030002	135	-	Tiered Releases - See Footnote #2	-	ALAMANCE
LAKE TOWNSEND DAM	REEDY FORK	03030002	105	-	* See Tiered Releases Footnote #3	*See Tiered Releases Footnote #3	GUILFORD

Project Name	Stream	HUC-8	Drainage Area (mi ²)	Minimum Releases (cfs)	Tiered Releases (cfs)	Seasonal Adjustment (cfs)	County
CANE CREEK DAM	CANE CREEK	03030002	31.5	-	Tiered Releases - See Footnote #4	-	ORANGE
SOUTHERN VILLAGE DAM	WILSON CREEK	03030002	3.4	0.76	-	-	ORANGE
BONNER LAKE DAM	TROUBLESOME CREEK-UT	03030002	2	0.1	-	-	ROCKINGHAM
SILER CITY DAM, LOWER*	ROCKY RIVER	03030003	53.81	-	Tiered Releases - See Footnote #5	Seasonal Adjustments - See Footnote A	CHATHAM
BROWN/KEITH DAM	POCKET CREEK	03030003	1.15	0.3	-	-	LEE
MCLENDON CREEK DAM	MCLENDONS CRK.-UT	03030003	1.3	0	-	-	MOORE
RANDLEMAN RESERVOIR DAM	DEEP RIVER	03030003	169	-	Tiered Releases - See Footnote #6	Seasonal Adjustments - See Footnote B	RANDOLPH
RANDOLPH MILLS DAM #1	DEEP RIVER	03030003	277	46	-	-	RANDOLPH
FOREST LAKE DAM	BRANSON CREEK	03030004	5	3.4	-	-	CUMBERLAND
GLENVILLE LAKE DAM	LITTLE CROSS CREEK	03030004	9.1	3.6	-	-	CUMBERLAND
HOPE MILLS DAM #1	LITTLE ROCKFISH CREEK	03030004	96.1	38	-	-	CUMBERLAND
LAKE RIM DAM	BONES CREEK	03030004	20	-	-	Seasonal Adjustments - See Footnote C	CUMBERLAND
JAMES WOOD DAM	BUFFALO MEADOWS CREEK	03030004	0.76	0.25	-	-	HARNETT
LAKE BUNCE DAM	-	03030004	-	0.75	-	-	HOKE
TWELVE OAKS POND DAM	STEWARTS CREEK-UT	03030004	0.59	0.25	-	-	HOKE
UPCHURCH MILLING CO DAM	NICHOLSON CREEK-UT	03030004	1.2	0.54	-	-	HOKE

Project Name	Stream	HUC-8	Drainage Area (mi ²)	Minimum Releases (cfs)	Tiered Releases (cfs)	Seasonal Adjustment (cfs)	County
LAKE TRACE	UPPER LITTLE RIVER	03030004	54.2	0.5(7Q10)	-	-	LEE
FOREST CREEK GOLF CLUB DAM	JUNIPER BRANCH	03030004	2.2	0.15	-	-	MOORE
RESERVOIR PARK DAM	MILL CREEK	03030004	1.7	0.5	-	-	MOORE
WOODLAKE DAM	CRANE CREEK	03030004	95.2	16	-	-	MOORE
RTP LAKE W-5 DAM	KIT CREEK	03030004	4.4	7Q10	-	-	WAKE
Tiered Release Footnotes							
Footnote #1	Tier 1 release with a maximum flow released of 5 cfs at >40% storage						
Footnote #2	Tier 1 release with a maximum flow release of 9 cfs at >70% storage						
Footnote #3	*Lake Townsend in Greensboro has a minimum flow requirement of 7.1 cfs at full pool as a stipulation for expansion of the water treatment plant from 20 mgd to 30 mgd.						
Footnote #4	Tier 1 release with a maximum flow release of 2.78 cfs at inflow >3 cfs						
Footnote #5	Tier 1** release with a maximum flow release as described in seasonal flow adjustments while the combined storage of the upper and lower reservoirs are = or > 70% combined usable storage. **PULSE RELEASE OF 20CFS FOR 12-HR PERIOD EVERY 30 DAYS WHEN IN TIER 1 OR 2 IF NO NATURAL EVENTS OF SIMILAR MAGNITUDE OCCUR IN PERIOD						
Footnote #6	Tier 1 release with a maximum flow release of 30 cfs at >60% storage						
Seasonal Release Footnotes							
Footnote A	Siler City Dam has a seasonal adjusted release with 9 cfs (April), 8 cfs (May), 7 cfs (December), 6 cfs (January - March), 5 cfs (June and November), 3.5 cfs (October), 2.5 cfs (July), 2 cfs August and September),						
Footnote B	Randleman Reservoir Dam has a seasonal adjusted release with 75* cfs (May - July). *DURING "FILLING" ONLY. TARGET IS AT COLERIDGE FOR CAPE FEAR SHINER. NOT REQUIRED IF FLOWS ARE NATURALLY LOWER. 404 PERMIT.						
Footnote C	Lake Rim Dam has a seasonal adjusted release with a 18 cfs (August - June) and 10.5 cfs in July.						

Local Water Supply Plans 2012, 2017, and 2020

Table 4 Local Water Supply Plans for 2020 used for Cape Fear Water Supply Analysis

Name	PWSID	HUC-8	HUC 8 Name
Alamance	02-01-035	03030002	Haw
Angier	03-43-015	03030006	Black
Apex	03-92-045	03030002	Haw
Archdale	02-76-030	03030003	Deep
Asheboro	02-76-010	03030003	Deep
Atkinson ^{1,2}	70-71-054	03030006	Black
Autryville ^{1,2}	03-82-045	03030006	Black
Bald Head Island Utilities	04-10-130	03030005	Lower Cape Fear
Benson	03-51-025	03030006	Black
Beulaville	04-31-020	03030007	Northeast Cape Fear
Bladen Bluffs - LCFWSA	50-09-012	03030005	Lower Cape Fear
Bladen Co WD (East Bladen) ²	03-09-060	03030005	Lower Cape Fear
Bladen Co WD (West Bladen) ¹	03-09-055	03030005	Lower Cape Fear
Broadway ^{1,2}	03-53-015	03030004	Upper Cape Fear
Brookwood Community ^{1,2}	03-26-127	03030004	Upper Cape Fear
Brunswick County	04-10-045	03030005	Lower Cape Fear
Brunswick Regional WSD	04-10-070	03030005	Lower Cape Fear
Burgaw ^{1,2}	04-71-010	03030007	Northeast Cape Fear
Burlington	02-01-010	03030002	Haw
Calypso	04-31-045	03030007	Northeast Cape Fear
Cameron ¹	03-63-040	03030004	Upper Cape Fear
Candor	03-62-030	03030003	Deep
Cape Fear Public Utility Authority - Wilmington	04-65-010	03030005	Lower Cape Fear
Carolina Beach	04-65-015	03030005	Lower Cape Fear
Carolina Trace WS	03-53-101	03030004	Upper Cape Fear
Carthage ¹	03-63-025	03030004	Upper Cape Fear
Cary	03-92-020	03030002	Haw
Chatham County Asbury Water System	40-19-010	03030003	Deep
Chatham County North Water System ^{1,2}	03-19-126	03030002	Haw
Chatham County Southwest Water System	03-19-050	03030003	Deep
Chinquapin Water Association	04-31-050	03030007	Northeast Cape Fear
Cliffdale West	03-26-332	03030004	Upper Cape Fear
Clinton	03-82-010	03030006	Black
Coats	03-43-020	03030006	Black
Dublin	03-09-025	03030005	Lower Cape Fear
Dunn	03-43-010	03030006	Black
Duplin Co	04-31-085	03030007	Northeast Cape Fear
Durham	03-32-010	03030002	Haw
East Arcadia ^{1,2}	03-09-050	03030005	Lower Cape Fear

Name	PWSID	HUC-8	HUC 8 Name
East Moore Water District	50-63-011	03030004	Upper Cape Fear
Eastover Sanitary District ^{1,2}	50-26-027	03030004	Upper Cape Fear
Elizabethtown	03-09-010	03030005	Lower Cape Fear
Elon	02-01-025	03030002	Haw
Faison ¹	04-31-040	03030007	Northeast Cape Fear
Falcon	03-26-035	03030006	Black
Fayetteville	03-26-010	03030004	Upper Cape Fear
Franklinville	02-76-035	03030003	Deep
Fuquay-Varina	03-92-055	03030004	Upper Cape Fear
Garland	03-82-020	03030006	Black
Gibsonville ¹	02-41-025	03030002	Haw
Godwin ^{1,2}	03-26-050	03030004	Upper Cape Fear
Goldston Gulf SD	03-19-025	03030003	Deep
Graham	02-01-015	03030002	Haw
Green Level	02-01-030	03030002	Haw
Greenevers	04-31-060	03030007	Northeast Cape Fear
Greensboro	02-41-010	03030002	Haw
Harnett Regional Water System	03-43-045	03030004	Upper Cape Fear
Haw River	02-01-020	03030002	Haw
High Point	02-41-020	03030003	Deep
Hoke County Regional Water System ^{1,2}	03-47-025	03030004	Upper Cape Fear
Holly Springs	03-92-050	03030004	Upper Cape Fear
Jamestown	02-41-030	03030003	Deep
Kenansville	04-31-030	03030007	Northeast Cape Fear
Kure Beach	04-65-025	03030005	Lower Cape Fear
LCFWSA - Kings Bluff	50-09-013	03030005	Lower Cape Fear
Leland	70-10-058	03030005	Lower Cape Fear
Liberty	02-76-025	03030003	Deep
Lillington ^{1,2}	03-43-025	03030004	Upper Cape Fear
Linden	03-26-045	03030004	Upper Cape Fear
Magnolia	04-31-035	03030007	Northeast Cape Fear
Mebane	02-01-018	03030002	Haw
Montgomery Co	03-62-010	03030003	Deep
Moore County Public Utilities-High Falls	50-63-021	03030003	Deep
Moore County Public Utilities-Hyland Hills	03-63-103	03030004	Upper Cape Fear
Moore County Public Utilities-Pinehurst	03-63-108	03030004	Upper Cape Fear
Moore County Public Utilities-Robbins	03-63-155	03030003	Deep
Moore County Public Utilities-Seven Lakes ¹	03-63-117	03030003	Deep
Moore County Public Utilities-The Carolina	03-63-152	03030004	Upper Cape Fear
Moore County Public Utilities-Vass	03-63-045	03030004	Upper Cape Fear
Mount Olive ^{1,2}	04-96-015	03030007	Northeast Cape Fear
Navassa ¹	04-10-065	03030005	Lower Cape Fear

Name	PWSID	HUC-8	HUC 8 Name
Newton Grove ¹	03-82-035	03030006	Black
Oak Island	04-10-020	03030005	Lower Cape Fear
Old North Utility Services, Inc.	50-26-019	03030004	Upper Cape Fear
Orange Water and Sewer Authority	03-68-010	03030002	Haw
Orange-Alamance	03-68-020	03030002	Haw
Ossipee SD	02-01-123	03030002	Haw
Pender County Utilities	70-71-011	03030007	Northeast Cape Fear
Piedmont Triad Regional Water Authority	30-76-010	03030003	Deep
Pittsboro ^{1,2}	03-19-015	03030002	Haw
Raeford	03-47-010	03030004	Upper Cape Fear
Ramseur	02-76-020	03030003	Deep
Randleman	02-76-015	03030003	Deep
Reidsville	02-79-020	03030002	Haw
Robbins Water System	03-63-015	03030003	Deep
Rockingham Co	02-79-050	03030002	Haw
Rose Hill	04-31-025	03030007	Northeast Cape Fear
Roseboro ^{1,2}	03-82-015	03030006	Black
Salemburg ^{1,2}	03-82-025	03030006	Black
Sampson County WD I - Clinton ^{1,2}	03-82-050	03030006	Black
Sampson County WD II - Dunn ^{1,2}	03-82-070	03030006	Black
Sampson County WD II - Plainview ^{1,2}	50-82-022	03030006	Black
Sandyfield ^{1,2}	70-24-024	03030005	Lower Cape Fear
Sanford	03-53-010	03030004	Upper Cape Fear
Seagrove-Ulah Metro Water District ¹	02-76-040	03030003	Deep
Siler City	03-19-010	03030003	Deep
Southern Pines	03-63-010	03030004	Upper Cape Fear
Southport ^{1,2}	04-10-010	03030005	Lower Cape Fear
Spring Lake ^{1,2}	03-26-020	03030004	Upper Cape Fear
Stedman	03-26-030	03030006	Black
Stokesdale	02-41-035	03030002	Haw
Swepsonville	30-01-005	03030002	Haw
Taylortown ^{1,2}	03-63-035	03030004	Upper Cape Fear
Teachey ¹	04-31-044	03030007	Northeast Cape Fear
The Cape Master	04-65-199	03030005	Lower Cape Fear
Turkey	03-82-040	03030006	Black
Wade ¹	03-26-040	03030004	Upper Cape Fear
Wallace	04-31-010	03030007	Northeast Cape Fear
Warsaw	04-31-015	03030006	Black
Whispering Pines ^{1,2}	03-63-112	03030004	Upper Cape Fear
White Lake	03-09-030	03030005	Lower Cape Fear
Winston-Salem	02-34-010	03030003	Deep

¹Alternate year Local Water Supply Plan (LWSP) used in-lieu of 2020 LWSP.

²Alternate year Local Water Supply Plan (LWSP) used in-lieu of 2012 LWSP.

Table 5 Alternative year LWSPs used in-lieu of complete 2020 LWSPs for systems in the Cape Fear River Basin.

Alternate Plan Year Systems (2020)	PWSID	Alternate Year	Max Projection Year
Broadway	03-53-015	2019	2060
Carthage	03-63-025	2019	2060
Faison	04-31-040	2019	2060
Gibsonville	02-41-025	2019	2060
Godwin	03-26-050	2019	2060
Hoke County	03-47-025	2018	2060
Moore County - Seven Lakes	03-63-117	2019	2060
Newton Grove	03-82-035	2016	2060
Pittsboro	03-19-015	2019	2060
Seagrove-Ulah Metro Water District	02-76-040	2019	2060
Teachey	04-31-044	2019	2060
Wade	03-26-040	2019	2060
Cameron	03-63-040	2019	2060
Navassa	04-10-065	2019	2060

Table 6 Alternative year LWSPs used in-lieu of complete 2012 LWSPs for systems in the Cape Fear River Basin.

Alternate Plan Year Systems (2012)	PWSID	Alternate Year	Max Projection
Atkinson	70-71-054	N/A	N/A
Autoryville	03-82-045	2007	2050
Bladen Co WD (West Bladen)	03-09-055	2007	2050
Broadway	03-53-015	2007	2050
Brookwood Community	03-26-127	2007	2050
Burgaw	04-71-010	2007	2050
Chatham County North Water System	03-19-126	2007	2050
East Arcadia	03-09-050	N/A	N/A
Eastover Sanitary District	50-26-027	N/A	N/A
Godwin	03-26-050	2007	2050
Hoke County Regional Water System	03-47-025	N/A	N/A
Lillington	03-43-025	2007	2050
Mount Olive	04-96-015	2007	2050
Pittsboro	03-19-015	2007	2050
Roseboro	03-82-015	2007	2050
Salemburg	03-82-025	2007	2050
Sampson County WD I - Clinton	03-82-050	N/A	N/A
Sampson County WD II - Dunn	03-82-070	N/A	N/A
Sampson County WD II - Plainview	50-82-022	N/A	N/A
Sandyfield	70-24-024	N/A	N/A

Alternate Plan Year Systems (2012)	PWSID	Alternate Year	Max Projection
Southport	04-10-010	2007	2050
Spring Lake	03-26-020	2007	2050
Taylortown	03-63-035	N/A	N/A
Whispering Pines	03-63-112	2007	2050

N/A

No data representation

Water Withdraw and Transfer Registration 2020

Table 7 Water Withdraw and Transfer Registration (WWATR) data for systems in the Cape Fear River Basin for the year 2020.

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0831-0001	3M Pittsboro Mine	Chatham	Deep River (02-2)	Quarry	03030003	0.338
0043-0001	Alamance Country Club	Alamance	Haw River (02-1)	Well	03030002	0.004
0043-0001	Alamance Country Club	Alamance	Haw River (02-1)	Pond	03030002	0.021
0043-0001	Alamance Country Club	Alamance	Haw River (02-1)	Well	03030002	0.003
0218-0020	Allendale	Randolph	Deep River (02-2)	Well	03030003	0.003
0219-0001	American Stone	Orange	Haw River (02-1)	Quarry	03030002	0.548
0218-0023	Arbor Run	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0023	Arbor Run	Guilford	Haw River (02-1)	Well	03030002	0.049
0218-0023	Arbor Run	Guilford	Haw River (02-1)	Well	03030002	0.01
0872-0001	Arclin	Chatham	Haw River (02-1)	River	03030002	0.185
0218-0024	Armfield 1A	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0024	Armfield 1A	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0703	Armfield 1B	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0703	Armfield 1B	Guilford	Haw River (02-1)	Well	03030002	0.012
0218-0703	Armfield 1B	Guilford	Haw River (02-1)	Well	03030002	0.001
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.003
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.002
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.005
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.005
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.008
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.009
0218-0705	Avocet	Wake	Cape Fear River (02-3)	Well	03030004	0.003
0742-0001	Azalea/Challenge Course	Moore	Cape Fear River (02-3)	Pond	03040203	0.01

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0608-0001	Bald Head Island Club	Brunswick	Cape Fear River (02-3)	Pond	03030005	0.226
0218-0036	Ballard Farm	Guilford	Haw River (02-1)	Well	03030002	0.009
0638-0001	Bayonet At Puppy Creek	Hoke	Cape Fear River (02-3)	Pond	03030004	0.023
0218-0721	Beacon Hill	Guilford	Haw River (02-1)	Well	03030002	0.012
0833-0001	Bluberry Land Sand Mine	Pender	South River (02-4)	Pond	03030006	\N
0218-0060	Bonaire	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0006	Bragg Estates	Cumberland	Cape Fear River (02-3)	Well	03030004	0.006
0218-0006	Bragg Estates	Cumberland	Cape Fear River (02-3)	Well	03030004	0.01
0218-0066	Braxton Hills/Simmons Heights	Cumberland	Cape Fear River (02-3)	Well	03030004	0.025
0218-0066	Braxton Hills/Simmons Heights	Cumberland	Cape Fear River (02-3)	Well	03030004	0.037
0218-0071	Bridal Woods	Rockingham	Haw River (02-1)	Well	03030002	0.001
0033-0001	Brunswick Steam Electric Plant	Brunswick	Cape Fear River (02-3)	River	03030005	1381.051
0042-0001	Bryan Park Golf Course	Guilford	Haw River (02-1)	Reservoir	03030002	0.013
0042-0001	Bryan Park Golf Course	Guilford	Haw River (02-1)	Pond	03030002	0.074
0219-0034	Buchanan/Central Rock Quarry	Guilford	Haw River (02-1)	Quarry	03030002	0.824
0219-0035	Burlington Quarry	Alamance	Haw River (02-1)	Quarry	03030002	0.183
0218-0009	Candy Creek	Rockingham	Haw River (02-1)	Well	03030002	0.006
0218-0085	Cane Creek	Alamance	Haw River (02-1)	Well	03030002	0.012
0218-0085	Cane Creek	Alamance	Haw River (02-1)	Well	03030002	0.001
0218-0087	Canterbury Trails	Randolph	Deep River (02-2)	Well	03030003	0.007
0218-0087	Canterbury Trails	Randolph	Deep River (02-2)	Well	03030003	0
0218-0087	Canterbury Trails	Randolph	Deep River (02-2)	Well	03030003	0.008
0661-0001	Cape Fear Country Club, Inc.	New Hanover	Cape Fear River (02-3)	Well	03030007	0.025
0661-0001	Cape Fear Country Club, Inc.	New Hanover	Cape Fear River (02-3)	Well	03030007	0.025
0661-0001	Cape Fear Country Club, Inc.	New Hanover	Cape Fear River (02-3)	Well	03030007	0.025
0661-0001	Cape Fear Country Club, Inc.	New Hanover	Cape Fear River (02-3)	Lake	03030007	0.101
0661-0001	Cape Fear Country Club, Inc.	New Hanover	Cape Fear River (02-3)	Well	03030007	0.025
0056-0001	Capital Power Corp. - Southport Facility	Brunswick	Cape Fear River (02-3)	Well	03030005	0.23
0056-0001	Capital Power Corp. - Southport Facility	Brunswick	Cape Fear River (02-3)	Well	03030005	0.072
0056-0001	Capital Power Corp. - Southport Facility	Brunswick	Cape Fear River (02-3)	Well	03030005	0.329

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0056-0001	Capital Power Corp. - Southport Facility	Brunswick	Cape Fear River (02-3)	Well	03030005	0.115
0056-0001	Capital Power Corp. - Southport Facility	Brunswick	Cape Fear River (02-3)	Well	03030005	0.374
0653-0001	Cardinal Golf & Country Club	Guilford	Haw River (02-1)	Lake	03030002	0.016
0653-0001	Cardinal Golf & Country Club	Guilford	Haw River (02-1)	Stream	03030002	\N
0218-0091	Castle Bay	Pender	Northeast Cape Fear River (02-5)	Well	03030007	0.017
0218-0091	Castle Bay	Pender	Northeast Cape Fear River (02-5)	Well	03030007	0.023
0219-0003	Castle Hayne Quarry	New Hanover	Northeast Cape Fear River (02-5)	Quarry	03030007	6.835
0218-0097	Cedar Terrace	Chatham	Haw River (02-1)	Well	03030002	0.006
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Cumberland	Cape Fear River (02-3)	River	03030005	15.646
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Cumberland	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Well	03030005	0
0843-0001	Chemours Company - Fayetteville Works	Bladen	Cape Fear River (02-3)	Stream	03030005	0.207
0429-0003	Clinton Plant	Sampson	South River (02-4)	Well	03030006	0.636
0429-0003	Clinton Plant	Sampson	South River (02-4)	Well	03030006	0.485
0771-0001	Coharie Country Club	Sampson	South River (02-4)	Pond	03030006	0.017
0771-0001	Coharie Country Club	Sampson	South River (02-4)	River	03030006	0.001
0218-0708	Colvard Farms	Chatham	Haw River (02-1)	Well	03030002	0.031
0218-0708	Colvard Farms	Chatham	Haw River (02-1)	Well	03030002	0.014
0218-0708	Colvard Farms	Chatham	Haw River (02-1)	Well	03030002	0
0218-0708	Colvard Farms	Chatham	Haw River (02-1)	Well	03030002	0.013
0854-0001	Cone Denim LLC-White Oak Plant	Guilford	Haw River (02-1)	Reservoir	03030002	0
0854-0001	Cone Denim LLC-White Oak Plant	Guilford	Haw River (02-1)	Reservoir	03030002	0.008

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0116	Copeland Acres	Cumberland	Cape Fear River (02-3)	Well	03030004	0.013
0218-0116	Copeland Acres	Cumberland	Cape Fear River (02-3)	Well	03030004	0
0218-0117	Copper Trace	Alamance	Haw River (02-1)	Well	03030002	0.003
0779-0001	Corning - Wilmington Plant	New Hanover	Cape Fear River (02-3)	Well	03030007	0.051
0779-0001	Corning - Wilmington Plant	New Hanover	Cape Fear River (02-3)	Well	03030007	0.082
0779-0001	Corning - Wilmington Plant	New Hanover	Cape Fear River (02-3)	Well	03030007	0.082
0779-0001	Corning - Wilmington Plant	New Hanover	Cape Fear River (02-3)	Well	03030007	0.012
0779-0001	Corning - Wilmington Plant	New Hanover	Cape Fear River (02-3)	Well	03030007	0.001
0218-0132	Countryside	Guilford	Deep River (02-2)	Well	03030003	0.002
0218-0145	Crutchfield Farms	Guilford	Haw River (02-1)	Well	03030002	0.006
0219-0006	Cumberland Quarry	Cumberland	Cape Fear River (02-3)	Quarry	03030004	0.383
0615-0001	Cypress Lakes Golf Course	Cumberland	Cape Fear River (02-3)	Pond	03030005	0.094
0218-0159	Dorsett Downs	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0163	Duncan Ridge	Wake	Cape Fear River (02-3)	Well	03030004	0.006
0218-0163	Duncan Ridge	Wake	Cape Fear River (02-3)	Well	03030004	0.004
0218-0163	Duncan Ridge	Wake	Cape Fear River (02-3)	Well	03030004	0.01
0219-0007	East Alamance	Alamance	Haw River (02-1)	Quarry	03030002	0.231
0141-0001	Elementis Chromium Castle Hayne Plant	New Hanover	Northeast Cape Fear River (02-5)	Well	03030007	0.033
0141-0001	Elementis Chromium Castle Hayne Plant	New Hanover	Northeast Cape Fear River (02-5)	Well	03030007	0.033
0141-0001	Elementis Chromium Castle Hayne Plant	New Hanover	Northeast Cape Fear River (02-5)	Well	03030007	0.033
0141-0001	Elementis Chromium Castle Hayne Plant	New Hanover	Northeast Cape Fear River (02-5)	River	03030007	0.977
0340-0007	Elliot Sand & Gravel	Harnett	Cape Fear River (02-3)	Quarry	03030004	0.047
0340-0007	Elliot Sand & Gravel	Harnett	Cape Fear River (02-3)	Pond	03030004	0
0340-0007	Elliot Sand & Gravel	Harnett	Cape Fear River (02-3)	Well	03030004	0.033
0347-0002	Finley Golf Course	Orange	Haw River (02-1)	Pond	03030002	0.054
0347-0002	Finley Golf Course	Orange	Haw River (02-1)	Stream	03030002	\N

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0201	Foxboro Estates	Orange	Haw River (02-1)	Well	03030002	0
0218-0201	Foxboro Estates	Orange	Haw River (02-1)	Well	03030002	0.002
0218-0202	Foxbury	Guilford	Haw River (02-1)	Well	03030002	0.004
0218-0203	Foxbury Meadows	Guilford	Haw River (02-1)	Well	03030002	0.007
0219-0039	Fuquay Quarry	Wake	Cape Fear River (02-3)	Quarry	03030004	0.542
0340-0016	Gardner Quarry	Harnett	Cape Fear River (02-3)	River	03030004	0.378
0340-0016	Gardner Quarry	Harnett	Cape Fear River (02-3)	Quarry	03030004	1.06
0644-0001	Gates Four Golf & Country Club	Cumberland	Cape Fear River (02-3)	Lake	03030004	0.019
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.003
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.019
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.037
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.032
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.001
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.026
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.04
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.048
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.001
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.003
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.002
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.102
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.023
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.001

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.018
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.003
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0.018
0296-0001	GE Wilmington	New Hanover	Cape Fear River (02-3)	Well	03030007	0
0296-0001	GE Wilmington	New Hanover	Northeast Cape Fear River (02-5)	Well	03030007	0.012
0218-0215	Glynnwood	New Hanover	Cape Fear River (02-3)	Well	03030007	0.007
0218-0215	Glynnwood	New Hanover	Cape Fear River (02-3)	Well	03030007	0.007
0787-0001	Governors Club	Chatham	Haw River (02-1)	Well	03030002	0.013
0787-0001	Governors Club	Chatham	Haw River (02-1)	Pond	03030002	0.044
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Lake	03030002	0.03
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Lake	03030002	0.03
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Lake	03030002	0.056
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Well	03030002	0.008
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Well	03030002	0.026
0018-0002	Greensboro Country Club Farm Course	Guilford	Haw River (02-1)	Well	03030002	0.001
0018-0001	Greensboro Country Club Irving Park Course	Guilford	Haw River (02-1)	Well	03030002	0
0018-0001	Greensboro Country Club Irving Park Course	Guilford	Haw River (02-1)	Well	03030002	0.001
0018-0001	Greensboro Country Club Irving Park Course	Guilford	Haw River (02-1)	Lake	03030002	0.033
0018-0001	Greensboro Country Club Irving Park Course	Guilford	Haw River (02-1)	Well	03030002	0.003
0018-0001	Greensboro Country Club Irving Park Course	Guilford	Haw River (02-1)	Well	03030002	0
0218-0228	Greenwood - Surry	Surry	Haw River (02-1)	Well	03030002	0.001
0790-0001	Hall Rackley & Cameron Pits	Harnett	Cape Fear River (02-3)	Quarry	03030004	1.389
0790-0001	Hall Rackley & Cameron Pits	Harnett	Cape Fear River (02-3)	Quarry	03030004	0.035

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0232	Hampton Park	Wake	Cape Fear River (02-3)	Well	03030004	0
0218-0232	Hampton Park	Wake	Cape Fear River (02-3)	Well	03030004	0.018
0218-0235	Happy Valley	Moore	Cape Fear River (02-3)	Well	03030004	0.004
0033-0011	Harris Nuclear Plant	Wake	Cape Fear River (02-3)	Lake	03030004	28.378
0218-0240	Hartman Farm	Guilford	Haw River (02-1)	Well	03030002	0.008
0219-0041	Haw River Quarry	Alamance	Haw River (02-1)	Quarry	03030002	0
0218-0242	Heartwood	Orange	Haw River (02-1)	Well	03030002	0.002
0218-0242	Heartwood	Orange	Haw River (02-1)	Well	03030002	0.004
0218-0248	Henson Farms	Guilford	Haw River (02-1)	Well	03030002	0.013
0218-0248	Henson Farms	Guilford	Haw River (02-1)	Well	03030002	0.019
0218-0248	Henson Farms	Guilford	Haw River (02-1)	Well	03030002	0.004
0218-0249	Henson Forest	Guilford	Haw River (02-1)	Well	03030002	0.023
0218-0249	Henson Forest	Guilford	Haw River (02-1)	Well	03030002	0.023
0219-0042	Hicone Quarry	Guilford	Haw River (02-1)	Quarry	03030002	1.601
0646-0001	Highland Country Club	Cumberland	Cape Fear River (02-3)	Pond	03030004	0.09
0218-0265	Holiday Hills	Guilford	Haw River (02-1)	Well	03030002	0
0218-0265	Holiday Hills	Guilford	Haw River (02-1)	Well	03030002	0.007
0218-0266	Holland Downs	Wake	Cape Fear River (02-3)	Well	03030004	0.003
0340-0010	Holly Springs Quarry	Wake	Cape Fear River (02-3)	Quarry	03030004	0.198
0340-0010	Holly Springs Quarry	Wake	Cape Fear River (02-3)	Pond	03030004	0.121
0218-0279	Huntcliff	Guilford	Haw River (02-1)	Well	03030002	0.014
0218-0279	Huntcliff	Guilford	Haw River (02-1)	Well	03030002	0.002
0218-0283	Hunting Ridge	Guilford	Haw River (02-1)	Well	03030002	0.003
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Pond	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Pond	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Pond	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Stream	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Reservoir	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Pond	03030006	0.37
0683-0001	Jackson Farming Company	Sampson	South River (02-4)	Pond	03030006	0.37
0219-0026	Jamestown Quarry	Guilford	Deep River (02-2)	Quarry	03030003	0.755
0785-0001	Keith Hills Country Club	Harnett	Cape Fear River (02-3)	Lake	03030004	0.061
0218-0298	Kendale Woods	Guilford	Deep River (02-2)	Well	03030003	0.006
0218-0314	Lake Springs	Wake	Cape Fear River (02-3)	Well	03030004	0.001

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0314	Lake Springs	Wake	Cape Fear River (02-3)	Well	03030004	0.002
0218-0323	Laurel Acres	Guilford	Haw River (02-1)	Well	03030002	0.004
0219-0043	Lemon Springs Quarry	Lee	Cape Fear River (02-3)	Quarry	03030004	0.897
0218-0328	Lennox Woods	Guilford	Haw River (02-1)	Well	03030002	0.019
0218-0328	Lennox Woods	Guilford	Haw River (02-1)	Well	03030002	0.015
0218-0330	Linville Oaks	Guilford	Haw River (02-1)	Well	03030002	0.012
0742-0002	Magnolia course	Moore	Cape Fear River (02-3)	Pond	03030004	0.121
0218-0359	Melville Heights	Randolph	Deep River (02-2)	Well	03030003	0.005
0218-0361	Merriman Estates	Guilford	Haw River (02-1)	Well	03030002	0.007
0873-0001	Merritt's Gravel Pit	Orange	Haw River (02-1)	Quarry	03030002	0
0381-0001	Methodist College Golf Course	Cumberland	Cape Fear River (02-3)	River	03030004	\N
0381-0001	Methodist College Golf Course	Cumberland	Cape Fear River (02-3)	Pond	03030004	0
0293-0002	Mid Pines Inn & Golf Club	Moore	Cape Fear River (02-3)	Stream	03030004	0.06
0293-0002	Mid Pines Inn & Golf Club	Moore	Cape Fear River (02-3)	Well	03030004	0.089
0218-0003	Mill Creek Farms	Cumberland	Cape Fear River (02-3)	Well	03030004	0.011
0218-0003	Mill Creek Farms	Cumberland	Cape Fear River (02-3)	Well	03030004	0.026
0218-0003	Mill Creek Farms	Cumberland	Cape Fear River (02-3)	Well	03030004	0.018
0218-0003	Mill Creek Farms	Cumberland	Cape Fear River (02-3)	Well	03030004	0.004
0385-0001	Moncure Division	Chatham	Haw River (02-1)	River	03030002	0.033
0855-0001	Moncure Holdings Utility, LLC & Moncure Holdings W	Chatham	Haw River (02-1)	River	03030002	0
0202-0001	Moncure Quarry	Lee	Deep River (02-2)	Quarry	03030003	0.433
0218-0010	Monticello Estates	Guilford	Haw River (02-1)	Well	03030002	0.001
0218-0010	Monticello Estates	Guilford	Haw River (02-1)	Well	03030002	0.006
0218-0378	Morris Grove	Orange	Haw River (02-1)	Well	03030002	0.006
0218-0390	Nantucket Village	Guilford	Haw River (02-1)	Well	03030002	0.006
0218-0390	Nantucket Village	Guilford	Haw River (02-1)	Well	03030002	0.002
0218-0393	New Chartwell	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0395	Northfield at Creekwood	Orange	Haw River (02-1)	Well	03030002	0.002
0874-0001	Northwest Mine	Brunswick	Cape Fear River (02-3)	Quarry	03030005	0
0218-0397	Northwood	Orange	Haw River (02-1)	Well	03030002	0
0218-0397	Northwood	Orange	Haw River (02-1)	Well	03030002	0.013
0218-0426	Peabody Forest	Forsyth	Deep River (02-2)	Well	03030003	0.004

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0428	Pearman Estates	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0430	Penman Heights	Randolph	Deep River (02-2)	Well	03030003	0.004
0218-0432	Pepper Ridge	Guilford	Haw River (02-1)	Well	03030002	0.012
0218-0432	Pepper Ridge	Guilford	Haw River (02-1)	Well	03030002	0.006
0218-0433	Pheasant Ridge	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0433	Pheasant Ridge	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0435	Piedmont Estates	Randolph	Deep River (02-2)	Well	03030002	0.008
0218-0435	Piedmont Estates	Randolph	Deep River (02-2)	Well	03030002	0
0285-0007	Pilgrim's Pride Water Treatment Plant	Lee	Deep River (02-2)	River	03030003	1.192
0293-0001	Pine Needles Lodge & Country Club	Moore	Cape Fear River (02-3)	Pond	03030004	0.098
0293-0001	Pine Needles Lodge & Country Club	Moore	Cape Fear River (02-3)	Pond	03030004	0.536
0150-0007	Pinehurst Resort #8	Moore	Cape Fear River (02-3)	Pond	03030004	0.098
0218-0447	Polk's Trail	Chatham	Haw River (02-1)	Well	03030002	0.002
0219-0017	Pomona Quarry	Guilford	Deep River (02-2)	Quarry	03030003	1.13
0218-0453	Providence North	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0454	Quail Meadows	Guilford	Deep River (02-2)	Well	03030003	0.004
0378-0053	Quail Ridge	Lee	Cape Fear River (02-3)	Well	03030004	0.02
0378-0053	Quail Ridge	Lee	Cape Fear River (02-3)	Well	03030004	0.008
0218-0457	Quail's Nest	Guilford	Haw River (02-1)	Well	03030002	0.015
0218-0457	Quail's Nest	Guilford	Haw River (02-1)	Well	03030002	0.004
0218-0466	Ridgecrest	Guilford	Haw River (02-1)	Well	03030002	0.016
0218-0466	Ridgecrest	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0471	Ridgewood	Guilford	Haw River (02-1)	Well	03030002	0.036
0218-0471	Ridgewood	Guilford	Haw River (02-1)	Well	03030002	0.029
0218-0471	Ridgewood	Guilford	Haw River (02-1)	Well	03030002	0
0066-0001	Riegelwood Mill	Columbus	Cape Fear River (02-3)	River	03030005	32.589
0803-0001	River Landing at Sandy Ridge	Guilford	Deep River (02-2)	Pond	03030003	0.007
0218-0476	River Oaks - Guilford	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0476	River Oaks - Guilford	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0476	River Oaks - Guilford	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0479	River Run	Rockingham	Haw River (02-1)	Well	03030002	0.001
0218-0479	River Run	Rockingham	Haw River (02-1)	Well	03030002	0.008
0218-0479	River Run	Rockingham	Haw River (02-1)	Well	03030002	0.01
0218-0479	River Run	Rockingham	Haw River (02-1)	Well	03030002	0.001
0218-0720	Riverside at Oak Ridge	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0720	Riverside at Oak Ridge	Guilford	Haw River (02-1)	Well	03030002	0.002

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0487	Robinswood	Orange	Haw River (02-1)	Well	03030002	0.013
0218-0487	Robinswood	Orange	Haw River (02-1)	Well	03030002	0
0219-0005	Rocky Point Quarry	Pender	Northeast Cape Fear River (02-5)	Quarry	03030007	2.166
0612-0001	Russell Underwood Farm	Chatham	Deep River (02-2)	River	03030003	0.019
0253-0001	Sandhill Turf Inc.	Moore	Deep River (02-2)	Lake	03030003	4.822
0218-0503	Sanford's Creek	Guilford	Haw River (02-1)	Well	03030002	0.003
0813-0001	Shelter Creek Quarry	Pender	Northeast Cape Fear River (02-5)	Quarry	03030007	0.536
0218-0520	Smoke Ridge	Guilford	Haw River (02-1)	Well	03030002	0.003
0218-0520	Smoke Ridge	Guilford	Haw River (02-1)	Well	03030002	0.004
0218-0539	Southern Woods	Rockingham	Haw River (02-1)	Well	03030002	0.004
0009-0001	Southport Plant 789	Brunswick	Cape Fear River (02-3)	Well	03030005	\N
0218-0552	Springdale	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0552	Springdale	Guilford	Haw River (02-1)	Well	03030002	0.015
0218-0011	Springfield Estates	Alamance	Haw River (02-1)	Well	03030002	0.005
0218-0557	Staffordshire Estates	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0557	Staffordshire Estates	Guilford	Haw River (02-1)	Well	03030002	0.009
0358-0002	Stepan Company	New Hanover	Cape Fear River (02-3)	Well	03030007	0.013
0358-0002	Stepan Company	New Hanover	Cape Fear River (02-3)	Well	03030007	0.118
0358-0002	Stepan Company	New Hanover	Cape Fear River (02-3)	Well	03030007	0.357
0358-0002	Stepan Company	New Hanover	Cape Fear River (02-3)	Well	03030007	0.27
0358-0002	Stepan Company	New Hanover	Cape Fear River (02-3)	Well	03030007	0.182
0218-0566	Sterlingshire	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0566	Sterlingshire	Guilford	Haw River (02-1)	Well	03030002	0.008
0218-0730	Sterlingshire East	Guilford	Haw River (02-1)	Well	03030002	0.007
0218-0730	Sterlingshire East	Guilford	Haw River (02-1)	Well	03030002	0.004
0199-0015	Stokesdale Quarry	Guilford	Haw River (02-1)	Quarry	03030002	0.356
0218-0569	Stoneridge/Sedgefield/Creekwood	Orange	Haw River (02-1)	Well	03030002	0.011
0218-0569	Stoneridge/Sedgefield/Creekwood	Orange	Haw River (02-1)	Well	03030002	0.012
0218-0569	Stoneridge/Sedgefield/Creekwood	Orange	Haw River (02-1)	Well	03030002	0.016
0218-0569	Stoneridge/Sedgefield/Creekwood	Orange	Haw River (02-1)	Well	03030002	0.009
0218-0569	Stoneridge/Sedgefield/Creekwood	Orange	Haw River (02-1)	Well	03030002	0.012
0218-0004	Stoney Point - Cumberland	Cumberland	Cape Fear River (02-3)	Well	03030004	0.023
0218-0577	Sturbridge Village	Orange	Haw River (02-1)	Well	03030002	0.004
0218-0580	Summerfield Farms	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0581	Summerfield Village	Guilford	Haw River (02-1)	Well	03030002	0.001

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	River	03030005	0.069
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Lake	03030005	0.001
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0.564
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0.007
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	Well	03030005	0
0033-0007	Sutton Steam Electric Plant	New Hanover	Cape Fear River (02-3)	River	03030005	0.059
0378-0057	Tanglewood Estates	Cumberland	Cape Fear River (02-3)	Well	03030004	0.003
0378-0057	Tanglewood Estates	Cumberland	Cape Fear River (02-3)	Well	03030004	0.013
0218-0592	The Estates @ Oakridge Lake	Guilford	Haw River (02-1)	Well	03030002	0.007
0218-0592	The Estates @ Oakridge Lake	Guilford	Haw River (02-1)	Well	03030002	0.01
0218-0592	The Estates @ Oakridge Lake	Guilford	Haw River (02-1)	Well	03030002	0.006
0218-0592	The Estates @ Oakridge Lake	Guilford	Haw River (02-1)	Well	03030002	0.003
0218-0698	The Villas	Alamance	Haw River (02-1)	Well	03030002	0.002
0218-0598	The Vineyard	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0598	The Vineyard	Guilford	Haw River (02-1)	Well	03030002	0.015
0218-0598	The Vineyard	Guilford	Haw River (02-1)	Well	03030002	0.008
0681-0001	Tobacco Road Golf, LLC	Lee	Cape Fear River (02-3)	Well	03030004	0.013
0681-0001	Tobacco Road Golf, LLC	Lee	Cape Fear River (02-3)	Pond	03030004	0.016
0681-0001	Tobacco Road Golf, LLC	Lee	Cape Fear River (02-3)	Well	03030004	0.013
0218-0609	Triple Lakes	Guilford	Haw River (02-1)	Well	03030002	0.015
0218-0609	Triple Lakes	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0615	Twelve Oaks	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0615	Twelve Oaks	Guilford	Haw River (02-1)	Well	03030002	0.011
0218-0619	Tyndrum	Durham	Haw River (02-1)	Well	03030002	0.007
0218-0619	Tyndrum	Durham	Haw River (02-1)	Well	03030002	0.004
0219-0051	Viewmont Quarry	Guilford	Deep River (02-2)	Quarry	03030003	0.33
0218-0704	Vintage Acres	Wake	Cape Fear River (02-3)	Well	03030004	0.007

WWATR ID	Facility Name	County	IBT Basin	Source Type	HUC-8	Annual Average Daily Use (MGD)
0218-0012	Walker Estates	Guilford	Haw River (02-1)	Well	03030002	0.004
0135-0010	Watha State Fish Hatchery	Pender	Northeast Cape Fear River (02-5)	Well	03030007	0.117
0135-0010	Watha State Fish Hatchery	Pender	Northeast Cape Fear River (02-5)	Well	03030007	0.167
0135-0010	Watha State Fish Hatchery	Pender	Northeast Cape Fear River (02-5)	Well	03030007	0.321
0218-0630	Weatherstone - Guilford	Guilford	Haw River (02-1)	Well	03030002	0.01
0218-0630	Weatherstone - Guilford	Guilford	Haw River (02-1)	Well	03030002	0.004
0218-0635	Wellington (Bevill Lakes Farm)	Guilford	Haw River (02-1)	Well	03030002	0.009
0218-0635	Wellington (Bevill Lakes Farm)	Guilford	Haw River (02-1)	Well	03030002	0.021
0218-0649	Whitetail Farm	Wake	Cape Fear River (02-3)	Well	03030004	0
0218-0649	Whitetail Farm	Wake	Cape Fear River (02-3)	Well	03030004	0.003
0218-0649	Whitetail Farm	Wake	Cape Fear River (02-3)	Well	03030004	0.009
0218-0652	Wildcat Creek	Orange	Haw River (02-1)	Well	03030002	0.006
0218-0654	Williard Oaks	Guilford	Haw River (02-1)	Well	03030002	0.003
0218-0654	Williard Oaks	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0662	Wilson Farms	Guilford	Haw River (02-1)	Well	03030002	0.014
0218-0662	Wilson Farms	Guilford	Haw River (02-1)	Well	03030002	0.014
0218-0662	Wilson Farms	Guilford	Haw River (02-1)	Well	03030002	0.005
0218-0672	Woodbridge - Chatham	Chatham	Haw River (02-1)	Well	03030002	0.003
0218-0672	Woodbridge - Chatham	Chatham	Haw River (02-1)	Well	03030002	0.001
0218-0672	Woodbridge - Chatham	Chatham	Haw River (02-1)	Well	03030002	0.001
0218-0008	Wrightsboro	Hoke	Cape Fear River (02-3)	Well	03030004	0.004
0844-0001	Zink Holdings LLC	Guilford	Haw River (02-1)	Well	03030002	0.004
0844-0001	Zink Holdings LLC	Guilford	Haw River (02-1)	Well	03030002	0.04

\N - NULL values in the database, meaning the registrant left the field blank. If there is a zero (0) then that was the value entered into the database.

Central Coastal Plain Capacity Use Area 2020

Table 8 Facilities that withdrawal water within the Central Coastal Plain Capacity Use Area in the Cape Fear River Basin

Registration or Permit ID#	PWSID	Name	Type of Use	Reported Average Daily Water Use (MGD) 2020	County
CU3010	04-31-025	Town of Rose Hill	Public Supply	0.21	Duplin
CU3012	04-31-035	Town of Magnolia	Public Supply	0.03	Duplin
CU3013	04-31-010	Town of Wallace	Public Supply	0.63	Duplin
CU3014	04-31-050	Chinquapin Water Assoc. Inc.	Public Supply	0.32	Duplin
CU3058	04-31-040	Town of Faison	Public Supply	0.42	Duplin
CU3085	04-31-015	Town of Warsaw	Public Supply	0.37	Duplin
CU3086	04-31-020	Town of Beulaville	Public Supply	0.13	Duplin
CU3091	04-31-030	Town of Kenansville	Public Supply	0.12	Duplin
CU3099	04-31-060	Town of Greenevers	Public Supply	0.07	Duplin
CU3114	04-31-085	Duplin County Regional Water System	Public Supply	1.76	Duplin
CU3142	04-31-045	Town of Calypso	Public Supply	0.06	Duplin
CU3027	04-67-035	Onslow Water and Sewer Authority	Public Supply	0.59	Onslow
CU3006	04-96-045	Southeastern Wayne Sanitary District	Public Supply	0.40	Wayne
CU3020	04-96-015	Town of Mount Olive	Public Supply	1.55	Wayne
CUR0139		Tarheel Concrete - Devans Sand Pit	Mining	0.00	Duplin
CU3199		Martin Marietta Materials, Inc. (Haws Run Rd. Expl Well)	Mine Dewatering	0.00	Onslow
CUR0161		New Gen Farms, LLC.	Livestock	0.00	Duplin
CUR0166		Ila Davis	Livestock	0.00	Duplin
CU3195		Goodson & Wells Farms, Inc. (Hill Farm)	Irrigation, Agricultural	0.02	Duplin
CU3196		Goodson & Wells Farms, Inc. (Gurley Farm)	Irrigation, Agricultural	0.09	Duplin
CU3216		Britt Family Farms (Deaver Lane Farm)	Irrigation, Agricultural	0.06	Duplin
CU3219		Goodson & Wells Farm, Inc. (Brock Farm)	Irrigation, Agricultural	0.02	Duplin
CU3220		Goodson & Wells Farm, Inc. (Rackley/Wells Farm)	Irrigation, Agricultural	0.05	Duplin

Registration or Permit ID#	PWSID	Name	Type of Use	Reported Average Daily Water Use (MGD) 2020	County
CU3224		Lee Farm	Irrigation, Agricultural	0.01	Duplin
CU3241		Goodson & Wells Farms, Inc. (Jackson Farm)	Irrigation, Agricultural	0.09	Duplin
CU3245		L. J. Beasley Farming LLC (Huffman Farm)	Irrigation, Agricultural	0.05	Duplin
CU3247		Bradshaw Farms	Irrigation, Agricultural	0.00	Duplin
CU3248		Goodson & Wells Farms, Inc. (Dail Farm)	Irrigation, Agricultural	0.05	Duplin
CU3258		Goodson & Wells Farms, Inc. (Bazemore Farm)	Irrigation, Agricultural	0.03	Duplin
CU3259		Goodson & Wells Farms, Inc. (Garner Tram Rd)	Irrigation, Agricultural	0.00	Duplin
CU3262		Burch Farms, LLC (Luby Byrd Farm)	Irrigation, Agricultural	0.00	Duplin
CU3267		Goodson & Wells Farms, Inc. (Ruth Waller Farm)	Irrigation, Agricultural	0.02	Duplin
CU3268		Goodson & Wells Farm, Inc. (Garner Wells Farm)	Irrigation, Agricultural	0.01	Duplin
CU3276		Goodson & Wells Farms, Inc. (Herbert Wells Farm)	Irrigation, Agricultural	0.03	Duplin
CU3278		Phillips Farm and Grain (Kenansville Farm)	Irrigation, Agricultural	0.04	Duplin
CU3287		Goodson & Wells Farm, Inc. (Reardon Farm)	Irrigation, Agricultural	0.02	Duplin
CU3288		Goodson & Wells Farm, Inc. (Nellie Francis Farm)	Irrigation, Agricultural	0.01	Duplin
CU3291		Jack Alphin Farm	Irrigation, Agricultural	0.03	Duplin
CU3294		University of Mount Olive (Agriculture Div.)	Irrigation, Agricultural	0.00	Duplin
CU3296		Burch Farms LLC (County Line Farm)	Irrigation, Agricultural	0.00	Duplin
CU3297		Burch Farms LLC (Pridgen Farm)	Irrigation, Agricultural	0.17	Duplin
CU3304		Britt Family Farms (Lois Farm)	Irrigation, Agricultural	0.03	Duplin
CU3305		Britt Family Farms (Cole Farm)	Irrigation, Agricultural	0.01	Duplin
CU3306		Britt Family Farms (Hick Farm)	Irrigation, Agricultural	0.02	Duplin
CU3307		Britt Family Farms (Parker Farm)	Irrigation, Agricultural	0.01	Duplin
CU3308		Britt Family Farms (Reggie Farm)	Irrigation, Agricultural	0.01	Duplin
CU3309		Phillips Farm and Grain (Mercer Farm)	Irrigation, Agricultural	0.06	Duplin
CU3315		Goodson & Wells Farms, Inc. (TC&I Farm)	Irrigation, Agricultural	0.00	Duplin

Registration or Permit ID#	PWSID	Name	Type of Use	Reported Average Daily Water Use (MGD) 2020	County
CU3316		Goodson & Wells Farms, Inc. (Turner Farm)	Irrigation, Agricultural	0.00	Duplin
CU3322		Cottle Farms (Will Cottle Farm)	Irrigation, Agricultural	0.10	Duplin
CU3340		Goodson & Wells Farms, Inc. (Thurman Herring & Jones Farm)	Irrigation, Agricultural	0.06	Duplin
CU3341		Goodson & Wells Farm, Inc. (Rackley GSR Farm)	Irrigation, Agricultural	0.00	Duplin
CU3342		Goodson & Wells Farm, Inc. (Precythe Farm)	Irrigation, Agricultural	0.00	Duplin
CU3345		Phillips Farm and Grain (West Farm)	Irrigation, Agricultural	0.00	Duplin
CU3347		Phillips Farm and Grain (Vance Phillip Farm)	Irrigation, Agricultural	0.00	Duplin
CU3217		Cashwell Farms, LLC. - Home Place Farm	Irrigation, Agricultural	0.00	Wayne
CU3277		Goodson & Wells Farms, Inc. (Grantham School Farm)	Irrigation, Agricultural	0.00	Wayne
CUR0169		Smithfield Hog Production Division - The Chief Mill	Industrial, Public Water System	0.00	Duplin
CU3019		Butterball, LLC	Industrial	1.00	Duplin
CU3093		House of Raeford - Wallace Division	Industrial	1.03	Duplin
CU3094		Lear Corporation	Industrial	0.64	Duplin
CU3207		Darling Ingredients, Inc.	Industrial	0.09	Duplin
CU3328		United States Cold Storage, Inc.	Industrial	0.03	Duplin
CUR0070		Warsaw Feed Mill	Industrial	0.00	Duplin
CUR0110		Bay Valley Foods, LLC	Industrial	0.00	Duplin
CU3107		Mt. Olive Pickle Company	Industrial	0.25	Wayne

xx-xx-xxx

Public Water Supply Identification

CUxxxx

Central Coastal Plain Capacity Use Area-Permit

CURxxxx

Central Coastal Plain Capacity Use Area-Registration

¹ Considers only the groundwater wells installed within the Cape Fear River Basin

² For planning purposes, the total annual water use was divided by 365 days to align with annual reported average values from other water use programs in DEQ. This differs from the CCPCUA program which establishes maximum daily withdrawal limits. For compliance monitoring, average daily use reported on the public CCPCUA website is calculated as the total annual water use divided by # of days of use.

Jordan Lake Round 4 Allocation

Figure 3 City of Raleigh Letter to the EMC rescinding their Jordan Lake Round 4 Allocation.



March 26, 2019

A. Stanley Meiburg, Ph.D, Chairman,
North Carolina Environmental Management Commission
North Carolina Department of Environmental Quality
217 West Jones Street
Raleigh, NC 27603

Ref: City of Raleigh Jordan Lake Allocation

Dr. Meiburg:

As a result of uncertainly associated with water supply planning options, on January 13, 2015, the City of Raleigh made application to the North Carolina Department of Environmental Quality (NCDEQ) for 4.7% of the water supply pool in Jordan Lake. That application was made with the stated assumption that the City would rescind the request if other water supplies became available. On March 9, 2017 the North Carolina Environmental Management Commission awarded an allocation from Jordan Lake to the City of Raleigh.

On January 24th, 2019, the City received an additional 17,300 acre-feet of storage in Falls Lake via contract with the United States Army Corps of Engineers.

With the Falls Lake reallocation complete, the Jordan Lake allocation is now unnecessary and cost prohibitive to retain. In addition, the City has not completed contracts with the State necessary to memorialize the allocation.

On March 5th, 2019, the Raleigh City Council authorized staff to formally notify NCDEQ of the City's desire to rescind the request for allocation in Jordan Lake and return the allocation granted on March 9, 2017. Please accept this formal notice of the City's desire to surrender the Jordan Lake allocation granted on March 9, 2017.

Sincerely,



Robert Massengill, P.E.
Public Utilities Director
City of Raleigh

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Mailing address: City of Raleigh | Post Office Box 590 | Raleigh, North Carolina 27602-0590