

**Table 1 – Monitoring Site Descriptions in 2005**

UCF Stn	LOCATION	Station Information	LATITUDE (dd.dddd)	LONGITUDE (dd.dddd)	COUNTY	STREAM CLASS	SUB-BASIN
1	Troublesome Crk at US 29 Bus nr Reidsville	major trib, nonpoint input	36.2768	-79.6499	ROCKINGHAM	C, NSW	03-06-01
2	Haw Riv at US 29 Business nr Benaja	Ups Reidsville WWTP	36.2652	-79.6523	ROCKINGHAM	C, NSW	03-06-01
3	Haw Riv at SR 2620/2614 High Rock Rd nr Williamsburg	Dns Reidsville WWTP	36.2514	-79.5647	ROCKINGHAM	C, NSW	03-06-01
4	Reedy Fork at SR 2719 High Rock Rd nr Monticello	Model verification data	36.1778	-79.6177	GUILFORD	C, NSW	03-06-02
5	N Buffalo Crk at N Buffalo Crk WWTP Influent Conduit Pier at Greensboro	Ups N. Buffalo WWTP	36.1074	-79.7502	GUILFORD	C, NSW	03-06-02
6	N Buffalo Crk at sr 2770 Huffine Mill Rd nr McLeansville	Dns N. Buffalo WWTP	36.1299	-79.6626	GUILFORD	C, NSW	03-06-02
7	S Buffalo Crk at SR 3000 McConnell Rd nr Greensboro	Ups TZ Osborne WWTP; USGS gage	36.0598	-79.7256	GUILFORD	C, NSW	03-06-02
8	S Buffalo Crk at SR 2821 Harvest Rd at McLeansville	Dns TZ Osborne WWTP	36.1128	-79.6718	GUILFORD	C NSW	03-06-02
9	Haw Riv at SR 1530 Gerringer Mill Rd nr Ossipee	above Burlington, below Reedy Fk	36.1531	-79.4894	ALAMANCE	C, NSW	03-06-02
10	Moadams Crk at Corrigdor Rd ups of Discharge nr Mebane	Ups Mebane WWTP	36.0885	-79.2844	ALAMANCE	C, NSW	03-06-02
11	Moadams Crk at SR 1940 Gibson Rd nr Florence Town	Dns Mebane WWTP	36.0891	-79.3074	ALAMANCE	C, NSW	03-06-02
12	Haw Riv at SR 2158 Swepsonville Rd nr Swepsonville	Dns Graham WWTP	36.0256	-79.3682	ALAMANCE	C, NSW	03-06-02
13	Haw Riv at NC 54 nr Graham	Between Burlington East & Graham	36.0481	-79.3667	ALAMANCE	C, NSW	03-06-02
14	Big Alamance Crk at NC 87 nr Swepsonville	Ups Burlington S. WWTP	36.0242	-79.3943	ALAMANCE	C, NSW	03-06-02
15	Big Alamance Crk at SR 2116 Boy Wood Rd at Swepsonville	Dns Burlington S. WWTP	36.0177	-79.3670	ALAMANCE	C, NSW	03-06-02
16	Haw Riv at SR 1005 Greensboro-Chapel Hill Rd nr Eli Whitney	Rural area; dns Cane Creek	35.8953	-79.2585	ALAMANCE	C, NSW	03-06-04
17	Haw River at SR1713 NR Bynum	USGS gage; ups Jordan Lake	35.7716	-79.1449	CHATHAM	WS-IV, NSW	03-06-04
18	Roberson Crk at SR 1943 Gum Springs Rd nr Hanks Chapel	Dns Pittsboro WWTP	35.7029	-79.1037	CHATHAM	S-IV, NSW, C	03-06-04
19	New Hope Creek at NC54 nr Durham	Ups S. Durham WRF	35.9167	-78.9704	DURHAM	WS-IV, NSW	03-06-05
20	New Hope Crk at SR 1107 Stagecoach Rd nr Blands	ambient site	35.8847	-78.9656	DURHAM	WS-IV, NSW	03-06-05
21	Northeast Crk at SR 1102 Sedwick Road nr RTP	Ups Durham Co/RTP WWTP	35.8870	-78.8994	DURHAM	WS-IV, NSW	03-06-05
22	Northeast Crk at SR 1731 O Kelly Church Road nr Durham	Dns Durham Co/RTP WWTP	35.8555	-78.9397	CHATHAM	WS-IV, NSW	03-06-05
23	Third Fork Crk at NC 54 nr Durham	Drains Durham	35.9187	-78.9548	DURHAM	WS-IV, NSW	03-06-05
24	Morgan Crk at Mason Farm WWTP Entrance at Chapel Hill	Ups OWASA	35.8987	-79.0263	ORANGE	S-IV, NSW, C	03-06-06
25	Morgan Crk at SR 1726 Old Farrington Rd nr Farrington	Dns OWASA, DO sag	35.8612	-79.0100	CHATHAM	S-IV, NSW, C	03-06-06
26	Haw Riv at SR 1011 Old US 1 nr Haywood	Dns Performance Fibers, ups Neste Resins, gage	35.6164	-79.0569	CHATHAM	WS-IV	03-06-04
27	Deep Riv at SR 1011 Old US 1 nr Moncure	Ups confluence with Haw River	35.6176	-79.0912	CHATHAM	WS-IV	03-06-11
28	Richland Crk at SR 1154 Kersey Valley Rd nr Highpoint	Ups High Point Eastside WWTP, urban, landfill	35.9410	-79.9322	GUILFORD	WS-IV, CA	03-06-08
29	Deep Riv at SR 1113 Kivett Dr nr Hayworth Spring	Ups of confluence with Richland Creek	35.9594	-79.9061	GUILFORD	WS-IV, CA	03-06-08
30	Richland Creek at SR 1145 Riverdale Rd nr High Point	Dns Eastside WWTP	35.9406	-79.9023	GUILFORD	WS-IV, CA	03-06-08
31	Muddy Crk at SR 1922 Muddy Creek Rd nr Glenola	fecals problems	35.8836	-79.8950	RANDOLPH	WS-IV, CA	03-06-08
32	Hasketts Crk at Asheboro WWTP Bridge nr Asheboro	ups Asheboro WWTP	35.7649	-79.7864	RANDOLPH	C	03-06-09
33	Deep Riv at Bus 220 Main St at Randleman	Ups Randleman WWTP, prior to conf. Hasketts Creek	35.8233	-79.8033	RANDOLPH	C	03-06-08
34	Deep Riv at SR 2122/2128 Worthville Rd at Worthville	dns Randleman WWTP & Worthville impoundments,above Asheboro	35.8021	-79.7771	RANDOLPH	C	03-06-09
35	Deep Riv at SR 2261 Old Liberty Rd nr Central Falls	Dns Asheboro WWTP, below conf. Hasketts Creek	35.7642	-79.7734	RANDOLPH	C	03-06-09
36	Deep Riv at SR 2615 Brooklyn Ave at Ramseur	Ups Ramseur WWTP	35.7302	-79.6558	RANDOLPH	C	03-06-09
37	Deep Riv at SR 2628 Hinshaw Town Rd nr Parks Crossroads	Dns Ramseur WWTP	35.6724	-79.6274	RANDOLPH	C	03-06-09
38	Deep Riv at NC 22 at High Falls	Dns Robbins WWTP	35.4777	-79.5195	MOORE	C, HQW	03-06-10
39	Cotton Crk at SR 1372 Auman Rd culvert	Dns Star WWTP	35.3782	-79.7551	MONTGOMERY	WS-III	03-06-10
40	Deep Riv at NC 42 at Carbondon (delete in May 05)	behind Carbondon dam	35.5200	-79.3485	CHATHAM	WS-IV	03-06-10
41	Deep Riv at Deep River Park Bridge nr Cumnock	Ups Golden Poultry	35.5704	-79.2411	CHATHAM	C	03-06-11
42	Deep Riv at US 15 And 501 nr Sanford	Dns Sanford WWTP	35.5782	-79.1942	LEE	C	03-06-11
43	Rocky Riv at US 64 nr Siler City	dns reservoir, ups Loves Cr, ups Siler City	35.7351	-79.4233	CHATHAM	C	03-06-11
44	Rocky Riv at SR 2170 Rives Chapel Rd nr Siler City	Dns Loves Cr, dns Siler City	35.6985	-79.3756	CHATHAM	C	03-06-11

**Table 2 – Parameters Sampled at each Site 2005**

ESB STATION NUMBER	UCF Stn	LOCATION	Field Par. #/year	Nutrients #/year	Fecal #/year	Turbidity #/year	TSS #/year	Metals #/year (Jan-Apr)	Metals #/year (May-Dec)
B0070010	1	Troublesome Crk at US 29 Bus nr Reidsville	M	M	M	M	M		
B0050000	2	Haw Riv at US 29 Business nr Benaja	M	M	M	M	M	M	Q
B0170000	3	Haw Riv at SR 2620/2614 High Rock Rd nr Williamsburg	M	M	M	M	M	M	Q
B0400000	4	Reedy Fork at SR 2719 High Rock Rd nr Monticello	M	M	M	M	M		
B0480050	5	N Buffalo Crk at N Buffalo Crk WWTP Influent Conduit Pier at Greensboro	M	M	M	M	M	M	Q
B0540050	6	N Buffalo Crk at sr 2770 Huffine Mill Rd nr McLeansville	M +2SM	M	M	M	M	M	Q
B0670000	7	S Buffalo Crk at SR 3000 McConnell Rd nr Greensboro	M +2SM	M	M	M	M	M	Q
B0750000	8	S Buffalo Crk at SR 2821 Harvest Rd at McLeansville	M +2SM	M	M	M	M	M	Q
B0850000	9	Haw Riv at SR 1530 Gerringer Mill Rd nr Ossipee	M +2SM	M	M	M	M		Q + Hg
B1350000	10	Moadams Crk at Corrigdor Rd ups of Discharge nr Mebane	M +2SM	M	M	M	M	M	Q
B1380000	11	Moadams Crk at SR 1940 Gibson Rd nr Florence Town	M +2SM	M	M	M	M	M	Q
B1440000	12	Haw Riv at SR 2158 Swepsonville Rd nr Swepsonville	M +2SM	M	M	M	M	M	Q
B1200000	13	Haw Riv at NC 54 nr Graham	M +2SM	M	M	M	M	M	Q
B1940000	14	Big Alamance Crk at NC 87 nr Swepsonville	M +2SM	M	M	M	M	M	Q
B1960000	15	Big Alamance Crk at SR 2116 Boy Wood Rd at Swepsonville	M +2SM	M	M	M	M	M	Q
B2000000	16	Haw Riv at SR 1005 Greensboro-Chapel Hill Rd nr Eli Whitney	M	M	M	M	M		
B2100000	17	Haw River at SR1713 NR Bynum	M	M	M	M	M		Q + Hg
B2450000	18	Roberson Crk at SR 1943 Gum Springs Rd nr Hanks Chapel	M +2SM	M	M	M	M		
B3020000	19	New Hope Creek at NC54 nr Durham	M +2SM	M	M	M	M	M + Mn	Q + Mn
B3040000	20	New Hope Crk at SR 1107 Stagecoach Rd nr Blands	M +2SM	M	M	M	M	M + Mn	Q+Mn+Hg
B3300000	21	Northeast Crk at SR 1102 Sedwick Road nr RTP	M +2SM	M	M	M	M	M + Mn	Q + Mn
B3670000	22	Northeast Crk at SR 1731 O Kelly Church Road nr Durham	M +2SM	M	M	M	M	M + Mn	Q+Mn+Hg
B3025000	23	Third Fork Crk at NC 54 nr Durham	M +2SM	M	M	M	M	M	Q + Mn
B3899180	24	Morgan Crk at Mason Farm WWTP Entrance at Chapel Hill	M +2SM	M	M	M	M	M + Mn	Q + Mn
B3900000	25	Morgan Crk at SR 1726 Old Farrington Rd nr Farrington	M +2SM	M	M	M	M	M + Mn	Q+Mn+Hg
B4080000	26	Haw Riv at SR 1011 Old US 1 nr Haywood	M +2SM	M	M	M	M	M + Mn	Q + Mn
B6040300	27	Deep Riv at SR 1011 Old US 1 nr Moncure	M	M	M	M	M	M + Mn	Q+Mn+Hg
B4380000	28	Richland Crk at SR 1154 Kersey Valley Rd nr Highpoint	M +2SM	M	M	M	M	M	Q + Mn
B4350000	29	Deep Riv at SR 1113 Kivett Dr nr Hayworth Spring	M +2SM	M	M	M	M	M + Mn	Q + Mn
B4410000	30	Richland Creek at SR 1145 Riverdale Rd nr High Point	M +2SM	M	M	M	M	M	Q + Mn
B4625000	31	Muddy Crk at SR 1922 Muddy Creek Rd nr Glenola	M	M	M	M	M		
B4870000	32	Hasketts Crk at Asheboro WWTP Bridge nr Asheboro	M	M	M	M	M	M	Q
B4770500	33	Deep Riv at Bus 220 Main St at Randleman	M +2SM	M	M	M	M		
B4800000	34	Deep Riv at SR 2122/2128 Worthville Rd at Worthville	M +2SM	M	M	M	M	M	Q
B4920000	35	Deep Riv at SR 2261 Old Liberty Rd nr Central Falls	M +2SM	M	M	M	M		Q + Hg
B5070000	36	Deep Riv at SR 2615 Brooklyn Ave at Ramseur	M +2SM	M	M	M	M		Q
B5100000	37	Deep Riv at SR 2628 Hinshaw Town Rd nr Parks Crossroads	M +2SM	M	M	M	M	M	Q
B5520000	38	Deep Riv at NC 22 at High Falls	M	M	M	M	M		
B5390800	39	Cotton Crk at SR 1372 Auman Rd culvert	M +2SM	M	M	M	M	M + Mn	Q + Mn
B5575000	40	Deep Riv at NC 42 at Carbonton (delete in May 05)	M	M	M	M	M		
B5685000	41	Deep Riv at Deep River Park Bridge nr Cumnock	M +2SM	M	M	M	M		
B5820000	42	Deep Riv at US 15 And 501 nr Sanford	M +2SM	M	M	M	M	M + Mn	Q
B5950000	43	Rocky Riv at US 64 nr Siler City	M +2SM	M	M	M	M	M	
B5980000	44	Rocky Riv at SR 2170 Rives Chapel Rd nr Siler City	M +2SM	M	M	M	M	M	Q

Note: M=Monthly, Q=Quarterly, Mn=Manganese, Hg=Mercury, 2SM=Second monthly sampling.