

Catawba River Basin
Basinwide Assessment Report
Whole Effluent Toxicity Program
2003-2007



The Division of Water Quality's Whole Effluent Toxicity Monitoring Program

Acute and/or chronic toxicity tests are used to determine toxicity of discharges to sensitive aquatic species (usually fathead minnows or the water flea, *Ceriodaphnia dubia*). Results of these tests have been shown by researchers to be predictive of discharge effects to receiving stream populations.

Many facilities are required to monitor whole effluent toxicity (WET) by their NPDES permit. Facilities without monitoring requirements may have their effluents evaluated for toxicity by DWQ's Aquatic Toxicology Laboratory. If toxicity is detected, DWQ may include aquatic toxicity testing upon permit renewal.

DWQ's Aquatic Toxicology Unit maintains a compliance summary for all facilities required to perform tests and provides a monthly update of this information to regional offices and WQ administration. Ambient toxicity tests can be used to evaluate stream water quality relative to other stream sites and/or a point source discharge.

WET Monitoring in the Catawba River Basin – 2003-2007

Ninety-Five facility permits in the Catawba River basin currently require whole effluent toxicity (WET) monitoring (Figure 1 and Table 1). Seventy facility permits have a WET limit while twenty-five requires monitoring without a limit. Some of these facilities have more than one permit because they have multiple outfalls.

Figure 1. Catawba River basin facilities required to conduct whole effluent toxicity testing

Key

1	CMUD-Sugar Cr. WWTP	23	Pharr Yarns, Inc.	45	Dallas WWTP	67	Catawba WWTP
2	Union Co-12 Mile Ck WWTP	24	Lithium Corp	46	Gastonia-Long Cr. WWTP	68	Claremont North WWTP
3	Union Co-Six Mile Ck WWTP	25	Unocal Corp-Rhom & Haas Facility	47	Stanley WWTP	69	SGL Carbon, LLC
4	CMUD-McAlpine WWTP	26	Mt. Holly WWTP	48	Duke Power-River Bend 002	70	Conover NE WWTP
5	AquAir WWTP	27	Lowell WWTP	49	CMUD-McDowell Cr. WWTP	71	Huffman Finishing
6	Hoechst Celanese Corp-	28	Motiva Enterprises-Paw Creek	50	Cherryville WWTP	72	Lake Rhodhiss WWTP
7	Gastonia-Crowders Creek	29	Kinder Morgan-Charlotte Terminal#3	51	Duke Power-McGuire	73	Morganton-Catawba R. PCF
8	Duke Power-Allen 002	30	TransMontaigne Charlotte Paw Ck	52	Duke Power-Lincoln Turbine	74	Coats American-Sevier Plant
9	SKF USA (CR Industries)	31	Kinder Morgan SE Terminals LLC	53	Lincolnton WWTP	75	Granite Falls WWTP
10	CMUD-Irwin Creek WWTP	32	Motiva Enterprises LLC Charlotte 1,2	54	CWS The Point WTP - Well 1	76	Hickory-N.E. WWTP Lenoir
11	Rhodia, Inc. (Handex)	33	Williams Terminals Holdings, L.P.	55	CWS Harbour WTP Wells 1&2	77	Baxter Healthcare Corp
12	Southhaus	34	Clariant Corp.-Mt. Holly Plant	56	CWS Harbour Well #4 WTP	78	Lenoir- Gunpowder Ck WWTP
13	Textron, Inc. GWR WWTP	35	Refuel Terminal Operations WWTP	57	Maiden WWTP	79	Switzerland Inn WWTP
14	The Green at Wach. WWTP	36	Marathon Petroleum	58	Delta Apparel	80	Lenoir- Lower Creek WWTP
15	Wachovia Tryon Street	37	Citgo-Paw Crk Bulk Terminal	59	Duke Power-Marshall 002	81	Taylorsville WWTP
16	National Welders Supply Co	38	Magellan Terminal Holdings- Char	60	Newton - Clark Creek WWTP	82	N C Outward Bound School
17	Belmont WWTP	39	Kinder Morgan-Charlotte Terminal#1	61	Old Fort WWTP	83	Schneider Mills, Inc.- 001
18	Cornerstone Carillon, LLC	40	Kinder Morgan-Charlotte Terminal#1	62	Sugar Hill Truck Stop	84	Linville Resorts, Inc.
19	Charlotte-Douglas Airport	41	Yorkshire Americas, Inc.- Kings Mt	63	Comm Scope Inc-0	85	Conover SE WWTP
20	Cramerton WWTP	42	Colonial Pipeline-Charlotte	64	Marion-Corpening Cr. WWTP	69	SGL Carbon, LLC
21	Cousins Real Estate	43	Livingstone Coating Corporation	65	Hickory-Henry Fork WWTP	70	Conover NE WWTP
22	American Truetschler, Inc.	44	PYA/Monarch Inc.	66	Claremont - McLin Ck WWTP	71	Huffman Finishing

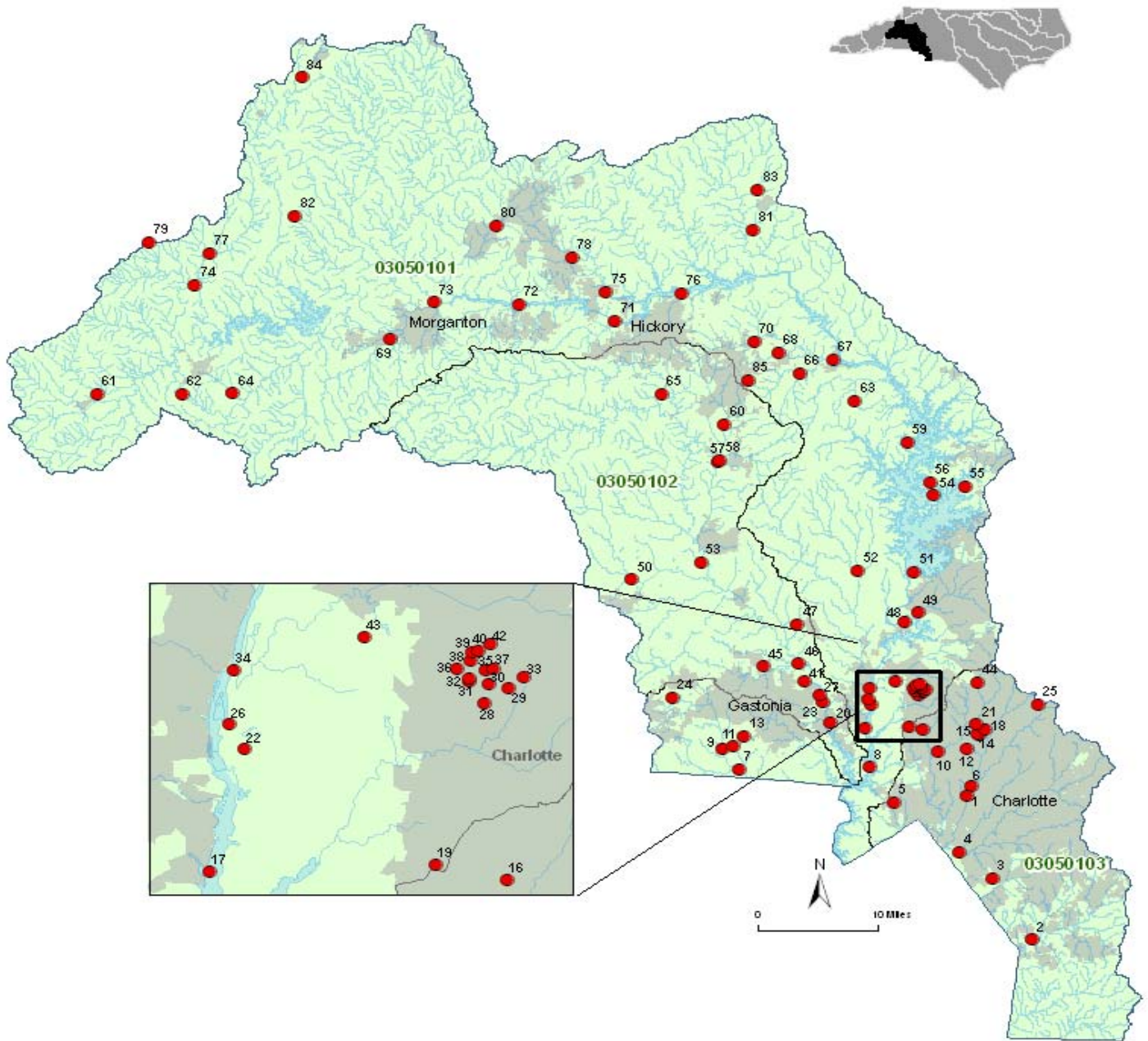


Table 1. Catawba River basin facilities required to conduct whole effluent toxicity testing

Subbasin/Facility	NPDES Permit No.	Receiving Stream	County	Flow (MGD)	IWC (%)	7Q10 (cfs)
03-08-30						
Baxter Healthcare Corp.	NC0006564/001	N Fork Catawba R.	McDowell	1.2	15.5	10.2
Switzerland Inn WWTP	NC0030996/001	UT Buchanan Cr.	McDowell	0.010	100	0.0
Coats American-Sevier Plant	NC0004243/001	N Fork Catawba R.	McDowell	2.0	14.7	18.0
Marion-Corpening Creek WWTP	NC0031879/001	Corpening Cr.	McDowell	3.0	66.9	2.3
Old Fort WWTP	NC0021229/001	Curtis Cr.	McDowell	1.2	28	4.9
Sugar Hill Truck Stop	NC0029831/001	UT N. Muddy Cr.	McDowell	0.005	2.36	0.320
Linville Resorts, Inc.	NC0039446/001	Linville R.	Avery	0.10	10.0	2.1
03-08-31						
Lenoir-Lower Creek WWTP	NC0023981/001	Lower Cr.	Caldwell	6.0	44	11.75
SGL Carbon, LLC	NC0005258/001	Silver Cr.	Burke	1.5	10	20.9
Morganton-Catawba R. PCF	NC0026573/001	Catawba R.	Burke	8.0	8.96	126
Lake Rhodhiss-Valdese)WWTP	NC0041696/001	Lake Rhodhiss	Burke	7.5	4.8	228.7
North Carolina Outward Bound School	NC0040754/001	Roses Cr.	Burke	0.0075	100	
03-08-32						
Claremont North WWTP	NC0032662/001	Mull Cr.	Catawba	0.10	13	1.0
Comm Scope Inc-001,002,003,004	NC0034754	UT Terrapin Cr.	Catawba	0.02	34	0.06
Duke Power –Marshall 002	NC0004987/002	Lake Norman	Catawba	5.3	12.0	60.0
Duke Power- McGuire 001	NC0024392/001	Lake Norman	Mecklenburg	NA	90	80
Granite Falls WWTP	NC0021890/001	Gunpowder Cr.	Caldwell	0.90	13	9.3
Hickory- N. E. WWTP	NC0020401/001	Catawba R.	Catawba	6.0	13	60.0
Huffman Finishing	NC0025135/001	Catawba R.	Caldwell	0.25	0.96	40
Lenoir-Gunpowder Creek WWTP	NC0023736/001	Gunpowder Cr.	Caldwell	2.0	52.0	3.0
Claremont-McLin Creek WWTP	NC0081370/001	McLin Cr.	Catawba	0.3	9.0	5.0
Conover NE WWTP	NC0024252/001	Lyle Cr.	Catawba	1.5	32.0	5.0
Schneider Mills, Inc.	NC0034860/001	Muddy Fork Cr.	Alexander	0.78	46	1.40
Catawba WWTP	NC0025542/001	Lyle Cr.	Catawba	0.225	2.1	16
Taylorsville WWTP	NC0026271/001	Lower Little R.	Alexander	0.83	8.2	14.4
Conover WWTP	NC0024279/001	McLin Creek	Catawba	0.30	48	0.5
CWS-The Harbour Well #4 WTP	NC0086606/001	UT Lake Norman	Iredell	NA	NA	0.0
CWS-The Harbour Well 1 & # 2 WTP	NC0084565/001	UT Lake Norman	Iredell	NA	NA	0.0
CWS-The Point WTP-Well #1	NC0086592/001		Iredell	NA	NA	0.0
03-08-33						
CMUD-McDowell Cr. WWTP	NC0036277/001	McDowell Cr.	Mecklenburg	6.0	85	1.80
Duke Power-Lincoln Turbine	NC0080781/001	Killian Cr.	Lincoln	0.4	23	2.1
Duke Power-McGuire 002	NC0024392/002	Catawba River	Mecklenburg	0.3315	0.64	80.0
Duke Power-McGuire 005	NC0024392/005	Catawba R.	Mecklenburg	0.754	1.4	80.0
Duke Power-River Bend	NC0004961/002	Catawba R.	Gaston	NA	10.36	80.0
Mt. Holly WWTP	NC0021156/001	Catawba R.	Gaston	4.0	6.0	95.0
03-08-34						
TransMontaigne Charlotte Paw Creek #1	NC0005771/001	UT Paw Cr.	Mecklenburg	VAR	100	0.0
Belmont WWTP	NC0021181/001	UT Catawba R.	Gaston	5.0	8.0	95.0
Kinder Morgan- Charlotte Terminal #1	NC0032891/002	UT Gum Br.	Mecklenburg	VAR	100	0.0
CITGO Paw Creek Bulk Terminal	NC0021962/001	UT Gum Br.	Mecklenburg	NA	100	0.0
CMUD- Irwin Creek WWTP	NC0024945/001	Irwin Cr.	Mecklenburg	15.0	83.0	4.9
CMUD- McAlpine WWTP	NC0024970/001	McAlpine Cr.	Mecklenburg	64	99.35	0.3
CMUD- Sugar Creek WWTP	NC0024937/001	Little Sugar Cr.	Mecklenburg	20.0	90	3.4
Williams Terminals Holdings, L.P.	NC0074705/001	UT Paw Cr.	Mecklenburg	0	100	0
Refuel Terminal Operations WWTP	NC0046531/001	UT Gum Branch	Mecklenburg	NA	100	0.0
Duke Power-Allen 002	NC0004979/002	Catawba R.	Gaston	11.6	16	95.0
Kinder Morgan Southeast Terminals LLC	NC0004839/001	UT Long Cr.	Mecklenburg	NA	NA	0.0
Kinder Morgan – Charlotte Terminal #3	NC0004723/001	UT Paw Cr.	Mecklenburg	NA	NA	0.0
Marathon Petroleum	NC0046213/001	UT Long Cr.	Mecklenburg	VAR	100	0.0
Colonial Pipeline – Charlotte	NC0031038/001	UT Gum Branch	Mecklenburg	N/A	100.0	0
Clariant Corp- Mt. Holly Plant	NC0004375/001	Catawba R.	Mecklenburg	3.9	1.8	329
Motiva Enterprises LLC Charlotte 001	NC0046892/001	UT Long Cr.	Mecklenburg	NA	100	0.0
Motiva Enterprises- Paw Creek	NC0022187/001	UT Gum Branch	Mecklenburg	NA	100	0.0
TransMontaigne- Paw Creek #2	NC0021971/009	UT Paw Cr.	Mecklenburg	VAR	100	0.0
Kinder Morgan – Charlotte Terminal #1	NC0032891/001	UT Gum Branch	Mecklenburg	VAR	100	0.0

Magellan Terminal Holdings- Charlotte	NC0005185/006	UT Long Cr.	Mecklenburg	NA	100	0.0
Motiva Enterprises LLC Charlotte 002	NC0046892/002	UT Long Cr.	Mecklenburg	0.864	100	0.0
Hoechst Celanese Corp – Dreyfus	NC0084301/001	Little Sugar Cr.	Mecklenburg	0.1152	4.9	3.5
Unocal Corp- Rhom and Haas Facility	NC0085057/001	UT Brier Cr.	Mecklenburg	0.0432	100	0.0
PYA/ Monarch Inc.	NC0085561/001	UT Taggart Cr.	Mecklenburg	0.0216	100	0.0
Charlotte- Douglas Airport- 001	NC0083887/001	UT Ticer Cr.	Mecklenburg	VAR	NA	0.0
American Truetzschler, Inc.	NC0085928/001	UT Catawba R.	Mecklenburg	0.05	100	0.0
National Welders Supply Company	NC0079758/001	UT Taggart Cr.	Mecklenburg	0.0143	100	0.0
Livingstone Coating Corporation	NC0086002/001	UT Long Cr.	Mecklenburg	0.0216	100	0.0
Cousins Real Estate – Gateway Village	NC0086517/001	Irwin Cr.	Mecklenburg	0.050	100	0.0
AquaAir WWTP	NC0086673/001	UT Steele Cr.	Mecklenburg	0.0864	100	0.0
The Green at Wachovia WWTP	NC0086886/001	UT Little Sugar Cr.	Mecklenburg	0.086	100	0.85
Cornerstone Carillon, LLC	NC0085731/001	Irwin Cr.	Mecklenburg	0.0316	100	0.0
Charlotte Douglas Airport- 002	NC0083887/002	Coffey Cr.	Mecklenburg	NA	NA	NA
Charlotte Douglas Airport- 003	NC0083887/003	UT Taggart Cr.	Mecklenburg	NA	NA	NA
Wachovia Tryon Street- 001,002	NC0088226	UT Little Sugar Cr.	Mecklenburg	VAR	NA	1.25
Southhaus – ABS 2525 South, LLC	NC0088595/001	Dairy Branch	Mecklenburg	0.050	NA	0.0
03-08-35						
Cherryville WWTP	NC0044440/001	Indian Cr.	Gaston	2.0	34	6.1
Delta Apparel	NC0006190/001	Clark Cr.	Catawba	1.0	11	12
Hickory – Henry Fork WWTP	NC0040797/001	Henry Fork R.	Catawba	9.0	34	27
Lincolnton WWTP	NC0025496/001	SF Catawba R.	Lincoln	6.0	11.0	77.0
Maiden WWTP	NC0039594/001	Clark Cr.	Catawba	1.0	11	12.0
Newton – Clark Creek WWTP	NC0036196/001	Clark Cr.	Catawba	5.0	56.32	6.0
Stanley WWTP	NC0020036/001	Mauney Cr.	Gaston	0.5	65	0.41
03-08-36						
Yorkshire Americas, Inc. Kings Mt	NC0005274/001	SF Catawba R.	Gaston	0.40	0.50	123.0
Dallas WWTP	NC0068888/001	UT Long Cr.	Gaston	0.75	93.93	0.075
Gastonia-Long Creek WWTP	NC0020184/001	SF Catawba R.	Gaston	16.0	10	109
Cramerton WWTP	NC0006033/001	SF Catawba R.	Gaston	0.6	0.74	124.0
Lowell WWTP	NC0025861/001	SF Catawba R.	Gaston	0.5	1.22	125.0
Pharr Yarns, Inc.	NC0004812/001	UT Long Cr.	Gaston	0.75	93.93	0.075
03-08-37						
SKF USA (CR Industries)	NC0004260/001	Crowders Cr.	Gaston	0.0144	0.33	6.7
Gastonia-Crowders Creek	NC0074268/001	Crowders Cr.	Gaston	6.0	41	13.3
Lithium Corp	NC0005177/001	UT Abernathy Cr.	Gaston	0.615	78	0.27
Rhodia, Inc. (Handex)	NC0084638/001	UT Crowders Cr.	Gaston	0.1944	100	0.0
Textron, Inc. GWR WWTP	NC0084662/001	UT Crowders Cr.	Gaston	0.3	66	0.24
03-08-38						
Union County- Six Mile Creek	NC0066559/001	Six Mile Cr.	Union	1.0	100	0.0
Union County- Twelve Mile Creek WWTP	NC0085359/001	Twelve Mile Cr.	Union	2.5	100	0.0

The number of facilities in this basin with whole effluent toxicity limits has increased from 1985 (first year monitoring required) to 1994. Since that time, the number of new permits has remained stable. The compliance rate of those facilities has generally risen since the inception of the program. In 2002, the compliance rate stabilized in the range of 98% (Figure 2 and Table 2).

Dallas WWTP, discharging to unknown tributary to Long Creek (subbasin 36), had experienced WET non-compliances in 2003. Evaluation of the facility shows that they have had trouble regulating their disinfectant and have since corrected that problem.

Stanly WWTP, discharging to Mauney Creek, have had intermittent failures but have been able to stay in compliance for each quarter.

American Truetzschler, Inc., discharging to an unknown tributary to the Catawba River, has had failures since 2003. They entered into a SOC (Special Order of Consent) in January of 2003 with the Division of Water Quality to determine the cause of toxicity. They added a new filter process to their treatment and ask for a permit modification to allow a grab instead of a composite because of batch processing instead of continuous effluent flow. The facility had limited success with this filter process

and continues to address problems with filter media causing other issues such as high ammonia levels. SOC was extended through May 2005 to work through the toxicity problems. Since 2005, the facility has been compliant for toxicity on a quarterly basis.

North Carolina Outward Bound School, discharging to Roses Creek, has had problems passing toxicity test due to an older water well which is galvanized and leaching metals into the effluent due the low pH of 6.3. The facility has started hand feeding soda ash to raise the pH and thus decreased the amount of metals being leached into the effluent. As of 2006, the facility has been compliant for each quarter.

The Green at Wachovia WWTP has had some intermittent toxicity failures. The facility thought that better management would correct the problem and has been compliant on a quarterly basis since the end of 2004.

Cornerstone Carillion, LLC has had problems passing the toxicity test in 2003. Consultants thought the problems were because of metals. Since 2004, the facility has been compliant on a quarterly basis.

Figure 2. NPDES facility whole effluent toxicity compliance in the Catawba River basin, 1985-2007. The compliance values were calculated by determining whether facilities with WET limits were meeting their ultimate permit limits during the given time period, regardless of any SOC's in force.

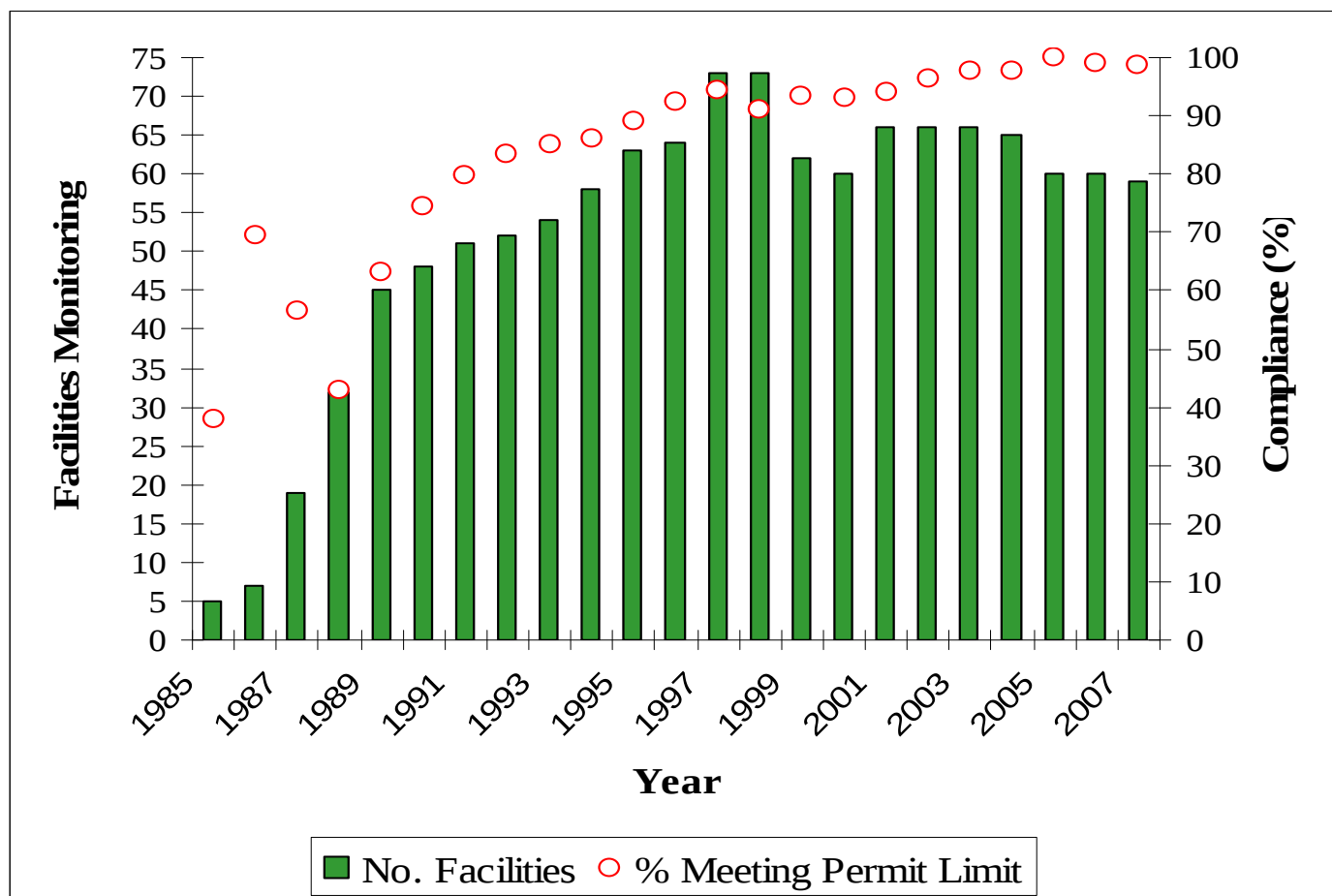


Table 2. Recent compliance record of facilities performing whole effluent toxicity testing in the Catawba River basin

Subbasin/Facility	NPDES	2003		2004		2005		2006		2007	
		Permit No.	Pass	Fail	Pass	Fail	Pass	Fail	Pass	Fail	Pass
03-08-30											
Baxter Healthcare Corp.	NC0006564/001	4	0	4	0	4	0	4	0	4	0
Switzerland Inn WWTP	NC0030996/001	2	1	1	3	2	0	2	0	2	0
Coats American-Sevier Plant	NC0004243/001	4	0	4	4	9	0	4	0	4	0
Marion-Corpening Creek WWTP	NC0031879/001	4	0	4	0	4	0	4	0	4	0
Old Fort WWTP	NC0021229/001	4	0	7	0	4	0	4	0	4	0
Sugar Hill Truck Stop	NC0029831/001	2	3	5	0	4	0	4	0	4	0
Linville Resorts, Inc.	NC0039446/001	4	0	4	0	4	0	4	0	4	0
03-08-31											
Lenoir-Lower Creek WWTP	NC0023981/001	4	0	6	0	4	0	4	0	5	1
SGL Carbon, LLC	NC0005258/001	4	0	4	0	4	0	4	0	4	0
Morganton-Catawba R. PCF	NC0026573/001	4	0	4	0	4	0	4	0	4	0
Lake Rhodhiss-Valdese)WWTP	NC0041696/001	4	0	6	0	4	0	4	0	4	0
North Carolina Outward Bound School	NC0040754/001	4	3	3	3	4	1	4	1	4	0
03-08-32											
Claremont North WWTP	NC0032662/001	4	0	4	0	4	0	4	0	4	0
Comm Scope Inc-001,002,003,004 *	NC0034754	4	0	3	3	4	0	4	0	4	0
Duke Power –Marshall 002	NC0004987/002	4	0	4	0	4	0	4	0	4	0
Duke Power- McGuire 001	NC0024392/001	4	0	4	0	4	0	4	0	4	0
Granite Falls WWTP	NC0021890/001	4	0	4	0	4	0	4	0	4	0
Hickory- N. E. WWTP	NC0020401/001	4	0	4	0	4	0	4	0	4	0
Huffman Finishing	NC0025135/001	4	0	4	0	4	0	4	0	4	0
Lenoir-Gunpowder Creek WWTP	NC0023736/001	4	0	6	0	4	0	4	0	4	0
Claremont-McLin Creek WWTP	NC0081370/001	4	0	4	0	4	0	4	0	4	0
Conover NE WWTP	NC0024252/001	4	0	4	0	4	0	4	0	4	0
Schneider Mills, Inc.	NC0034860/001	4	0	4	0	4	0	4	0	4	0
Catawba WWTP	NC0025542/001	4	0	4	0	4	0	4	0	4	0
Taylorsville WWTP	NC0026271/001	4	0	4	0	4	0	4	0	4	0
Conover WWTP	NC0024279/001	4	0	4	0	-	-	-	-	-	-
CWS-The Harbour Well #4 WTP	NC0086606/001	-	-	-	-	-	-	-	-	-	-
CWS-The Harbour Well 1 & # 2 WTP	NC0084565/001	-	-	-	-	-	-	-	-	-	-
03-08-33											
CMUD-McDowell Cr. WWTP	NC0036277/001	5	0	4	0	4	0	4	0	4	0
Duke Power-Lincoln Turbine	NC0080781/001	4	0	3	0	3	0	3	0	4	0
Duke Power-McGuire 002	NC0024392/002	5	0	4	0	4	0	4	0	4	0
Duke Power-McGuire 005	NC0024392/005	4	0	4	0	4	0	4	0	4	0
Duke Power-River Bend 002	NC0004961/002	4	0	4	0	4	0	4	0	4	0
Mt. Holly WWTP	NC0021156/001	4	0	4	0	4	0	4	0	4	0
03-08-34											
TransMontaigne Charlotte Paw Creek #1	NC000577/001	1	0	2	0	1	0	1	0	1	0
Belmont WWTP	NC0021181/001	4	1	4	0	4	0	4	0	4	0
Kinder Morgan- Charlotte Terminal #1	NC0032891/002	1	0	0	1	1	0	4	0	2	0
CITGO Paw Creek Bulk Terminal	NC0021962/001	1	0	1	0	1	0	1	0	1	0
CMUD- Irwin Creek WWTP	NC0024945/001	6	0	4	0	5	1	4	0	6	0
CMUD- McAlpine WWTP	NC0024970/001	4	0	3	1	6	0	4	0	4	0
CMUD- Sugar Creek WWTP	NC0024937/001	6	0	4	0	4	0	6	0	4	0
Williams Terminals Holdings, L.P.	NC0074705/001	1	0	1	0	1	0	1	0	1	0
Refuel Terminal Operations WWTP	NC0046531/001	1	0	1	0	-	-	-	-	-	-
Duke Power-Allen 002	NC0004979/002	5	1	4	0	4	0	4	0	4	0
Kinder Morgan Southeast Terminals LLC	NC0004839/001	1	0	0	1	1	0	4	0	2	0
Kinder Morgan – Charlotte Terminal #3	NC0004723/001	1	0	1	0	1	0	1	0	1	0
Marathon Petroleum	NC0046213/001	1	0	1	0	1	0	1	0	1	0
Colonial Pipeline – Charlotte	NC0031038/001	1	0	1	0	1	0	1	0	1	0
Clariant Corp- Mt. Holly Plant	NC0004375/001	5	1	4	0	4	0	4	0	4	0
Motiva Enterprises LLC Charlotte 001	NC0046892/001	1	0	1	0	1	0	-	-	-	-
Motiva Enterprises- Paw Creek	NC0022187/001	1	0	1	0	1	0	1	0	1	-

TransMontaigne- Paw Creek #2	NC0021971/009	1	0	1	0	1	0	-	-	-	-
Kinder Morgan – Charlotte Terminal #1	NC0032891/001	1	0	1	0	1	0	1	0	1	0
Magellan Terminal Holdings- Charlotte	NC0005185/006	1	0	2	0	1	0	1	0		
Motiva Enterprises LLC Charlotte 002	NC0046892/002	1	0	1	0	1	0	1	0	1	0
Hoechst Celanese Corp – Dreyfus	NC0084301/001	-	-	-	-	-	-	-	-	-	-
Unocal Corp- Rhom and Haas Facility	NC0085057/001	4	0	-	-	-	-	-	-	-	-
PYA/ Monarch Inc.	NC0085561/001	-	-	-	-	-	-	-	-	-	-
American Truetzschler, Inc.	NC0085928/001	9	2	6	3	8	0	5	2	5	0
National Welders Supply Company	NC0079758/001	1	0	1	0	-	-	-	-	-	-
Livingstone Coating Corporation	NC0086002/001	4	0	4	0	4	0	4	0	4	0
Cousins Real Estate – Gateway Village	NC0086517/001	-	-	-	-	-	-	-	-	-	-
AquaAir WWTP	NC0086673/001	5	1	4	0	-	-	4	0	3	0
The Green at Wachovia WWTP	NC0086886/001	4	1	5	2	6	1	4	0	4	1
Cornerstone Carillon, LLC	NC0085731/001	3	4	4	1	4	2	6	0	4	0
Wachovia Tryon Street	NC0088226/001	-	-	-	-	-	-	2	2	5	1
Wachovia Tryon Street	NC0088226/002	-	-	-	-	-	-	2	0	3	1
Southhaus – ABS 2525 South, LLC	NC0088595/001	-	-	-	-	-	-	-	-	-	-
03-08-35											
Cherryville WWTP	NC0044440/001	4	0	4	0	5	0	4	0	3	0
Delta Apparel	NC0006190/001	5	3	4	0	4	0	4	0	4	0
Hickory – Henry Fork WWTP	NC0040797/001	6	0	4	0	4	1	5	0	1	0
Lincolnton WWTP	NC0025496/001	7	1	4	0	4	0	4	0	4	0
Maiden WWTP	NC0039594/001	5	1	4	0	4	0	4	0	4	0
Newton – Clark Creek WWTP	NC0036196/001	6	0	6	0	4	0	4	0	4	0
Stanley WWTP	NC0020036/001	4	0	5	1	4	2	5	2	2	4
03-08-36											
Yorkshire Americas, Inc. Kings Mt	NC0005274/001	4	0	4	0	-	-	-	-	-	-
Dallas WWTP	NC0068888/001	4	2	8	1	4	0	4	1	5	1
Gastonia-Long Creek WWTP	NC0020184/001	4	0	6	0	4	0	4	0	4	0
Cramerton WWTP	NC0006033/001	4	0	4	0	4	0	4	0	4	0
Lowell WWTP	NC0025861/001	4	0	4	0	6	0	5	3	5	0
Pharr Yarns, Inc.	NC0004812/001	4	0	4	0	4	0	4	0	4	0
03-08-37											
SKF USA (CR Industries)	NC0004260/001	1	2	5	1	4	0	5	1	4	0
Gastonia-Crowders Creek	NC0074268/001	4	0	4	0	4	0	4	0	4	0
Lithium Corp	NC0005177/001	4	2	3	0	4	0	4	0	4	0
Rhodia, Inc. (Handex)	NC0084638/001	4	0	4	2	8	2	2	0	2	0
Textron, Inc. GWR WWTP	NC0084662/001	4	0	4	0	4	0	4	0	4	0
03-08-38											
Union County- Six Mile Creek	NC0066559/001	-	-	-	-	-	-	-	-	-	-
Union County- Twelve Mile Creek WWTP	NC0085359/001	4	0	4	0	4	0	4	0	4	0

Note that “pass” denotes meeting a permit limit or, for those facilities with a monitoring requirement, meeting a target value. The actual test result may be a “pass” (from a pass/fail acute or chronic test), LC₅₀, or chronic value. Conversely, “fail” means failing to meet a permit limit or target value.