

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Permit	Facility	Well	Month	Year	Parameter	EPA Groundwater Standard	Concentration Reported	Unit of Measure	Greatest Exceedences			
2	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2011	00400 - pH	6.5-8.5	7.3	su	Substances Failing Groundwater Standards:	Highest % Exceedence	Row # for This Exceedence	
3	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2011	00400 - pH	6.5-8.5	7.4	su	Antimony	60%	487	
4	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	9	2011	00400 - pH	6.5-8.5	7.4	su	Arsenic	238%	135	
5	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2012	00400 - pH	6.5-8.5	7.7	su	Boron	6%	196	
6	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2012	00400 - pH	6.5-8.5	7.4	su	Iron	6367%	315	
7	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2011	00400 - pH	6.5-8.5	6	su	Manganese	2000%	364	
8	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2011	00400 - pH	6.5-8.5	6	su	PH	9%	11, 27	
9	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	9	2011	00400 - pH	6.5-8.5	6	su	Sulfates	40%	103	
10	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2012	00400 - pH	6.5-8.5	6.2	su	Thallium	400%	379, 384, 389, 394	
11	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2012	00400 - pH	6.5-8.5	5.9	su	Total Dissolved Solids	54%	535	
12	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2011	00400 - pH	6.5-8.5	7.2	su	POLLUTANTS			HEALTH EFFECTS
13	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2011	00400 - pH	6.5-8.5	7.2	su	Aluminum	Lung disease, developmental problems		
14	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	9	2011	00400 - pH	6.5-8.5	7.1	su	Antimony	Eye irritation, heart damage, lung problems		
15	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2012	00400 - pH	6.5-8.5	7.4	su	Arsenic	Multiple types of cancer, darkening of skin, hand warts		
16	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2012	00400 - pH	6.5-8.5	7.1	su	Barium	Gastrointestinal problems, muscle weakness, heart problems		
17	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2011	00400 - pH	6.5-8.5	6.8	su	Beryllium	Lung cancer, pneumonia, respiratory problems		
18	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2011	00400 - pH	6.5-8.5	6.8	su	Boron	Reproductive problems, gastrointestinal illness		
19	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	9	2011	00400 - pH	6.5-8.5	6.6	su	Cadmium	Lung disease, kidney disease, cancer		
20	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2012	00400 - pH	6.5-8.5	7.1	su	Chromium	Cancer, ulcers and other stomach problems		
21	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2012	00400 - pH	6.5-8.5	6.7	su	Chlorine	Respiratory distress		
22	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	1	2012	00400 - pH	6.5-8.5	7.5	su	Cobalt	Lung/heart/liver/kidney problems, dermatitis		
23	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	5	2012	00400 - pH	6.5-8.5	7.5	su	Lead	Decreases in IQ, nervous system, developmental and behavioral problems		
24	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	1	2012	00400 - pH	6.5-8.5	6.8	su	Manganese	Nervous system, muscle problems, mental problems		
25	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	5	2012	00400 - pH	6.5-8.5	6.8	su	Mercury	Cognitive deficits, developmental delays, behavioral problems		
26	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2011	00400 - pH	6.5-8.5	6.9	su	Molybdenum	Mineral imbalance, anemia, developmental problems		
27	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2011	00400 - pH	6.5-8.5	5.9	su	Nickel	Cancer, lung problems, allergic reactions		
28	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	9	2011	00400 - pH	6.5-8.5	6.1	su	Selenium	Birth defects, nervous system/reproductive problems		
29	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2012	00400 - pH	6.5-8.5	6.2	su	Vanadium	Birth Defects, lung/throat/eye problems		
30	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2012	00400 - pH	6.5-8.5	6.7	su	Zinc	Gastrointestinal effects, reproductive problems		
31	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2011	620 - Nitrogen, Nitrate Total (as		0.02	mg/l				
32	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
33	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	9	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
34	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
35	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
36	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2011	620 - Nitrogen, Nitrate Total (as		0.02	mg/l				
37	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
38	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	9	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
39	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
40	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
41	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2011	620 - Nitrogen, Nitrate Total (as		0.02	mg/l				
42	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
43	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	9	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
44	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
45	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
46	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2011	620 - Nitrogen, Nitrate Total (as		0.02	mg/l				
47	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2011	620 - Nitrogen, Nitrate Total (as		0.03	mg/l				
48	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	9	2011	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
49	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2012	620 - Nitrogen, Nitrate Total (as		0.06	mg/l				
50	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
51	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	1	2012	620 - Nitrogen, Nitrate Total (as		0.04	mg/l				
52	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	5	2012	620 - Nitrogen, Nitrate Total (as		0.28	mg/l				
53	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	1	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
54	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	5	2012	620 - Nitrogen, Nitrate Total (as		0.023	mg/l				
55	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2011	620 - Nitrogen, Nitrate Total (as		0.56	mg/l				
56	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2011	620 - Nitrogen, Nitrate Total (as		0.22	mg/l				
57	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	9	2011	620 - Nitrogen, Nitrate Total (as		0.03	mg/l				
58	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2012	620 - Nitrogen, Nitrate Total (as		0.03	mg/l				
59	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2012	620 - Nitrogen, Nitrate Total (as		0.03	mg/l				
60	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2011	00940 - Chloride (as Cl)	250	5.3	mg/l				
61	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2011	00940 - Chloride (as Cl)	250	4.7	mg/l				
62	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	9	2011	00940 - Chloride (as Cl)	250	4.9	mg/l				
63	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2012	00940 - Chloride (as Cl)	250	4.9	mg/l				
64	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2012	00940 - Chloride (as Cl)	250	4.6	mg/l				
65	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2011	00940 - Chloride (as Cl)	250	21	mg/l				
66	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2011	00940 - Chloride (as Cl)	250	21	mg/l				
67	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	9	2011	00940 - Chloride (as Cl)	250	21	mg/l				
68	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2012	00940 - Chloride (as Cl)	250	21	mg/l				
69	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2012	00940 - Chloride (as Cl)	250	20	mg/l				
70	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2011	00940 - Chloride (as Cl)	250	17	mg/l				
71	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2011	00940 - Chloride (as Cl)	250	15	mg/l				
72	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	9	2011	00940 - Chloride (as Cl)	250	16	mg/l				
73	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2012	00940 - Chloride (as Cl)	250	18	mg/l				

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	Permit	Facility	Well	Month	Year	Parameter	EPA Groundwater Standard	Concentration Reported	Unit of Measure	Greatest Exceedences			
578	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2011	71900 - Mercury, Total (as Hg)	1	0.05	ug/l				
579	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	9	2011	71900 - Mercury, Total (as Hg)	1	0.05	ug/l				
580	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2012	71900 - Mercury, Total (as Hg)	1	0.05	ug/l				
581	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2012	71900 - Mercury, Total (as Hg)	1	0.05	ug/l				
582	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2011	/ater level, distance from measuring point		3.19	feet				
583	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2011	/ater level, distance from measuring point		3.02	feet				
584	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	9	2011	/ater level, distance from measuring point		6.06	feet				
585	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	1	2012	/ater level, distance from measuring point		1.91	feet				
586	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20D	5	2012	/ater level, distance from measuring point		3.58	feet				
587	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2011	/ater level, distance from measuring point		4.17	feet				
588	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2011	/ater level, distance from measuring point		4.26	feet				
589	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	9	2011	/ater level, distance from measuring point		7.58	feet				
590	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	1	2012	/ater level, distance from measuring point		3.36	feet				
591	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-20S	5	2012	/ater level, distance from measuring point		5.22	feet				
592	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2011	/ater level, distance from measuring point		1.8	feet				
593	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2011	/ater level, distance from measuring point		1.47	feet				
594	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	9	2011	/ater level, distance from measuring point		0.79	feet				
595	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	1	2012	/ater level, distance from measuring point		1.18	feet				
596	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21D	5	2012	/ater level, distance from measuring point		1.62	feet				
597	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2011	/ater level, distance from measuring point		5.26	feet				
598	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2011	/ater level, distance from measuring point		5.47	feet				
599	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	9	2011	/ater level, distance from measuring point		4.29	feet				
600	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	1	2012	/ater level, distance from measuring point		5.46	feet				
601	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-21S	5	2012	/ater level, distance from measuring point		6.19	feet				
602	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	1	2012	/ater level, distance from measuring point		33.55	feet				
603	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22D	5	2012	/ater level, distance from measuring point		20.25	feet				
604	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	1	2012	/ater level, distance from measuring point		18.57	feet				
605	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-22S	5	2012	/ater level, distance from measuring point		19.33	feet				
606	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2011	/ater level, distance from measuring point		11.78	feet				
607	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2011	/ater level, distance from measuring point		6.92	feet				
608	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	9	2011	/ater level, distance from measuring point		8.62	feet				
609	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	1	2012	/ater level, distance from measuring point		7.18	feet				
610	NC0003468	Duke Energy Carolinas LLC - Dan River	MW-23D	5	2012	/ater level, distance from measuring point		13.55	feet				