

NC0003468 Dan River Ash Pond Exceedances 2010-7/16/2013

Permit	Facility	Well	Month	Year	Parameter	2L Standard	Value	Units
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2013	00400 - pH	6.5-8.5	5.8	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2012	00400 - pH	6.5-8.5	5.9	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2012	00400 - pH	6.5-8.5	5.9	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2011	00400 - pH	6.5-8.5	6	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2011	00400 - pH	6.5-8.5	6	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2011	00400 - pH	6.5-8.5	6	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2013	00400 - pH	6.5-8.5	6	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2012	00400 - pH	6.5-8.5	6.2	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	5	2011	00400 - pH	6.5-8.5	5.9	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	9	2011	00400 - pH	6.5-8.5	6.1	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2012	00400 - pH	6.5-8.5	6.2	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2013	00400 - pH	6.5-8.5	6.3	su
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2011	00945 - Sulfate, Total (as SO4)	250	310	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2011	00945 - Sulfate, Total (as SO4)	250	320	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2012	00945 - Sulfate, Total (as SO4)	250	320	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2011	00945 - Sulfate, Total (as SO4)	250	340	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2012	00945 - Sulfate, Total (as SO4)	250	340	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2013	00945 - Sulfate, Total (as SO4)	250	340	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2013	00945 - Sulfate, Total (as SO4)	250	340	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2012	00945 - Sulfate, Total (as SO4)	250	350	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2013	01002 - Arsenic, Total (as As)	10	21	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2013	01002 - Arsenic, Total (as As)	10	25	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2011	01002 - Arsenic, Total (as As)	10	29	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2012	01002 - Arsenic, Total (as As)	10	30	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2012	01002 - Arsenic, Total (as As)	10	30	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2011	01002 - Arsenic, Total (as As)	10	32	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	9	2011	01002 - Arsenic, Total (as As)	10	33.8	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	9	2012	01002 - Arsenic, Total (as As)	10	45	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	5	2012	01022 - Boron, Total (as B)	700	711	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2012	01022 - Boron, Total (as B)	700	743	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2013	01022 - Boron, Total (as B)	700	793	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	5	2013	01022 - Boron, Total (as B)	700	903	ug/l

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Permit	Facility	Well	Month	Year	Parameter	2L Standar	Value	Units
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2013	01045 - Iron, Total (as Fe)	300	2350	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2013	01045 - Iron, Total (as Fe)	300	2570	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2011	01045 - Iron, Total (as Fe)	300	2890	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2012	01045 - Iron, Total (as Fe)	300	2960	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2011	01045 - Iron, Total (as Fe)	300	3070	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2012	01045 - Iron, Total (as Fe)	300	3090	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2012	01045 - Iron, Total (as Fe)	300	3100	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2011	01045 - Iron, Total (as Fe)	300	3190	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	9	2012	01045 - Iron, Total (as Fe)	300	829	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2012	01045 - Iron, Total (as Fe)	300	1010	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	5	2013	01045 - Iron, Total (as Fe)	300	9360	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	1	2013	01045 - Iron, Total (as Fe)	300	13900	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	9	2012	01045 - Iron, Total (as Fe)	300	14100	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	1	2012	01045 - Iron, Total (as Fe)	300	17000	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	5	2012	01045 - Iron, Total (as Fe)	300	19400	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2011	01045 - Iron, Total (as Fe)	300	326	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	9	2012	01045 - Iron, Total (as Fe)	300	517	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2013	01045 - Iron, Total (as Fe)	300	522	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	5	2011	01045 - Iron, Total (as Fe)	300	592	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	9	2011	01045 - Iron, Total (as Fe)	300	1050	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2012	01045 - Iron, Total (as Fe)	300	1410	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	5	2012	01045 - Iron, Total (as Fe)	300	1700	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	9	2011	01055 - Manganese, Total (as Mn)	50	489	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	5	2013	01055 - Manganese, Total (as Mn)	50	503	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	1	2012	01055 - Manganese, Total (as Mn)	50	506	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	5	2011	01055 - Manganese, Total (as Mn)	50	510	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	5	2012	01055 - Manganese, Total (as Mn)	50	510	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	1	2011	01055 - Manganese, Total (as Mn)	50	512	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	1	2013	01055 - Manganese, Total (as Mn)	50	513	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20D	9	2012	01055 - Manganese, Total (as Mn)	50	519	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2013	01055 - Manganese, Total (as Mn)	50	864	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2011	01055 - Manganese, Total (as Mn)	50	880	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2011	01055 - Manganese, Total (as Mn)	50	889	ug/l

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NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	1	2012	01055 - Manganese, Total (as Mn)	50	894	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2011	01055 - Manganese, Total (as Mn)	50	914	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	9	2012	01055 - Manganese, Total (as Mn)	50	923	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2013	01055 - Manganese, Total (as Mn)	50	939	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2012	01055 - Manganese, Total (as Mn)	50	945	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2011	01055 - Manganese, Total (as Mn)	50	901	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2011	01055 - Manganese, Total (as Mn)	50	934	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2013	01055 - Manganese, Total (as Mn)	50	957	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2012	01055 - Manganese, Total (as Mn)	50	959	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2011	01055 - Manganese, Total (as Mn)	50	997	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2013	01055 - Manganese, Total (as Mn)	50	998	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2012	01055 - Manganese, Total (as Mn)	50	1000	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2012	01055 - Manganese, Total (as Mn)	50	1050	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2011	01055 - Manganese, Total (as Mn)	50	306	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	9	2011	01055 - Manganese, Total (as Mn)	50	342	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2011	01055 - Manganese, Total (as Mn)	50	345	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2012	01055 - Manganese, Total (as Mn)	50	424	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2012	01055 - Manganese, Total (as Mn)	50	567	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	9	2012	01055 - Manganese, Total (as Mn)	50	584	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2013	01055 - Manganese, Total (as Mn)	50	668	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2013	01055 - Manganese, Total (as Mn)	50	345	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	5	2013	01055 - Manganese, Total (as Mn)	50	424	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	9	2012	01055 - Manganese, Total (as Mn)	50	567	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2012	01055 - Manganese, Total (as Mn)	50	584	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	5	2013	01055 - Manganese, Total (as Mn)	50	668	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	1	2012	01055 - Manganese, Total (as Mn)	50	345	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	9	2012	01055 - Manganese, Total (as Mn)	50	424	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	5	2012	01055 - Manganese, Total (as Mn)	50	567	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22S	1	2013	01055 - Manganese, Total (as Mn)	50	584	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	5	2013	01055 - Manganese, Total (as Mn)	50	668	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	5	2012	01055 - Manganese, Total (as Mn)	50	192	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	1	2011	01055 - Manganese, Total (as Mn)	50	403	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-23D	9	2012	01055 - Manganese, Total (as Mn)	50	468	ug/l

Permit	Facility	Well	Month	Year	Parameter	2L Standar	Value	Units
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-20S	5	2012	01097 - Antimony, Total (as Sb)	1	1	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	1	2011	01097 - Antimony, Total (as Sb)	1	1	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2011	01097 - Antimony, Total (as Sb)	1	1	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	9	2011	01097 - Antimony, Total (as Sb)	1	1.19	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21S	5	2012	01097 - Antimony, Total (as Sb)	1	1.3	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2013	01097 - Antimony, Total (as Sb)	1	1.1	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	5	2013	01097 - Antimony, Total (as Sb)	1	1.1	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	1	2012	01097 - Antimony, Total (as Sb)	1	1.2	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-22D	5	2012	01097 - Antimony, Total (as Sb)	1	1.6	ug/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2011	70300 - Solids, Total Dissolved- 180 Deg.C	500	643	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2011	70300 - Solids, Total Dissolved- 180 Deg.C	500	670	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2013	70300 - Solids, Total Dissolved- 180 Deg.C	500	700	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	1	2012	70300 - Solids, Total Dissolved- 180 Deg.C	500	710	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	9	2012	70300 - Solids, Total Dissolved- 180 Deg.C	500	730	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2012	70300 - Solids, Total Dissolved- 180 Deg.C	500	743	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2013	70300 - Solids, Total Dissolved- 180 Deg.C	500	760	mg/l
NC0003468	Duke Energy Carolinas LLC - Dan River Steam Station	MW-21D	5	2011	70300 - Solids, Total Dissolved- 180 Deg.C	500	770	mg/l