

NC0004979 Allen Ash Pond Exceedances 2010-7/16/2013								
Permit	Facility	Well	Month	Year	Parameter	2L St	Value	Units
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	3	2013	00400 - pH	6.5-8	5.8	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	7	2012	00400 - pH	6.5-8	5.9	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	3	2011	00400 - pH	6.5-8	6	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	7	2011	00400 - pH	6.5-8	6	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	11	2011	00400 - pH	6.5-8	6	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	3	2012	00400 - pH	6.5-8	6	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	11	2012	00400 - pH	6.5-8	6.1	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	3	2011	00400 - pH	6.5-8	6.1	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	7	2011	00400 - pH	6.5-8	6.27	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	11	2011	00400 - pH	6.5-8	6.27	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	7	2012	00400 - pH	6.5-8	6.3	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	3	2013	00400 - pH	6.5-8	6.4	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	3	2012	00400 - pH	6.5-8	6.46	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	7	2011	00400 - pH	6.5-8	4.8	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	11	2011	00400 - pH	6.5-8	4.8	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	7	2012	00400 - pH	6.5-8	4.9	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	3	2013	00400 - pH	6.5-8	5	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	3	2012	00400 - pH	6.5-8	5.1	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	3	2011	00400 - pH	6.5-8	5.2	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	11	2012	00400 - pH	6.5-8	5.2	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2011	00400 - pH	6.5-8	6.2	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2013	00400 - pH	6.5-8	6.2	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2012	00400 - pH	6.5-8	6.4	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	7	2012	00400 - pH	6.5-8	5.3	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	7	2011	00400 - pH	6.5-8	5.46	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	11	2011	00400 - pH	6.5-8	5.48	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	11	2012	00400 - pH	6.5-8	5.5	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	3	2013	00400 - pH	6.5-8	5.7	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	3	2011	00400 - pH	6.5-8	5.9	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	3	2012	00400 - pH	6.5-8	5.94	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2013	00400 - pH	6.5-8	5.2	su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2012	00400 - pH	6.5-8	5.3	su

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Duke Carolinas
Plaintiff's Exhibit

Permit	Facility	Well	Month	Year	Parameter	2L St/Value	Units
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2012	00400 - pH	6.5-8	5.5 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2012	00400 - pH	6.5-8	5.5 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2011	00400 - pH	6.5-8	5.6 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2011	00400 - pH	6.5-8	5.7 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2011	00400 - pH	6.5-8	6.2 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-1R	11	2012	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-1R	3	2013	00400 - pH	6.5-8	6.2 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	7	2012	00400 - pH	6.5-8	5.8 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	11	2011	00400 - pH	6.5-8	5.9 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	3	2013	00400 - pH	6.5-8	5.9 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	7	2011	00400 - pH	6.5-8	6 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	3	2012	00400 - pH	6.5-8	6 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	11	2012	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4D	3	2011	00400 - pH	6.5-8	6.3 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	11	2011	00400 - pH	6.5-8	5.8 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	7	2011	00400 - pH	6.5-8	5.9 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	7	2012	00400 - pH	6.5-8	5.9 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	3	2011	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	3	2012	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	11	2012	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	3	2013	00400 - pH	6.5-8	6.1 su
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	3	2011	01045 - Iron, Total (as Fe)	300	355 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-11D	7	2012	01045 - Iron, Total (as Fe)	300	844 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12D	3	2011	01045 - Iron, Total (as Fe)	300	498 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2011	01045 - Iron, Total (as Fe)	300	391 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2013	01045 - Iron, Total (as Fe)	300	591 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	11	2011	01045 - Iron, Total (as Fe)	300	641 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2012	01045 - Iron, Total (as Fe)	300	1430 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2011	01045 - Iron, Total (as Fe)	300	1540 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2012	01045 - Iron, Total (as Fe)	300	2010 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	11	2012	01045 - Iron, Total (as Fe)	300	3100 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2012	01045 - Iron, Total (as Fe)	300	301 ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2012	01045 - Iron, Total (as Fe)	300	370 ug/l

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NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2011	01045 - Iron, Total (as Fe)	300	659	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2011	01045 - Iron, Total (as Fe)	300	2780	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2011	01045 - Iron, Total (as Fe)	300	8350	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-1R	11	2011	01045 - Iron, Total (as Fe)	300	381	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	7	2012	01055 - Manganese, Total (as Mn)	50	53	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	11	2012	01055 - Manganese, Total (as Mn)	50	53	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-12S	11	2011	01055 - Manganese, Total (as Mn)	50	54	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2011	01055 - Manganese, Total (as Mn)	50	57	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2012	01055 - Manganese, Total (as Mn)	50	64	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	7	2012	01055 - Manganese, Total (as Mn)	50	74	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	11	2012	01055 - Manganese, Total (as Mn)	50	110	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13D	3	2011	01055 - Manganese, Total (as Mn)	50	240	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	3	2011	01055 - Manganese, Total (as Mn)	50	55	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-13S	7	2011	01055 - Manganese, Total (as Mn)	50	101	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2013	01055 - Manganese, Total (as Mn)	50	69	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2012	01055 - Manganese, Total (as Mn)	50	100	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2012	01055 - Manganese, Total (as Mn)	50	115	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2012	01055 - Manganese, Total (as Mn)	50	133	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2011	01055 - Manganese, Total (as Mn)	50	326	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2011	01055 - Manganese, Total (as Mn)	50	601	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2011	01055 - Manganese, Total (as Mn)	50	945	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	11	2011	01055 - Manganese, Total (as Mn)	50	64	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-4S	11	2012	01055 - Manganese, Total (as Mn)	50	92	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2013	01067 - Nickel, Total (as Ni)	100	121	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2011	01067 - Nickel, Total (as Ni)	100	160	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2012	01067 - Nickel, Total (as Ni)	100	180	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2012	01067 - Nickel, Total (as Ni)	100	190	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	3	2012	01067 - Nickel, Total (as Ni)	100	214	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	7	2011	01067 - Nickel, Total (as Ni)	100	460	ug/l
NC0004979	Duke Energy Carolinas LLC - Plant Allen Steam Station	AB-14D	11	2011	01067 - Nickel, Total (as Ni)	100	544	ug/l