

Data from Ash Release at Duke Energy Dan River Station
UPSTREAM DAN RIVER UPSTREAM OF RELEASE AT HWY 14
No NC Water Quality standards for dissolved metals

Parameter			Sampling Dates and Sample ID		
			2/5/2014	2/6/2014	2/7/2014
			Dissolved	Dissolved	Dissolved
Lab PQL	Units	AC04680	AC04730	AC04806	
Aluminum_Al Dissolved	50	ug/L	50 U	50 U	50 U
Antimony_Sb Dissolved	10	ug/L	10 U	10 U	10 U
Arsenic_As Dissolved	2.0	ug/L	2.0 U	2.0 U	2.0 U
Barium_Ba Dissolve	10	ug/L	22	21	20
Beryllium_Be Dissolved	5.0	ug/L	5.0 U	5.0 U	5.0 U
Boron_B Dissolved	50	ug/L	140	160	160
Cadmium_Cd Dissolved	0.50	ug/L	0.50 U	0.50 U	0.50 U
Calcium_Ca_Dissolved	0.10	mg/L	7.3	7.4	7.3
Chromium_Cr_Dissolved	10	ug/L	10 U	10 U	10 U
Cobalt_Co Dissolved	50	ug/L	50 U	50 U	50 U
Copper_Cu_Dissolved	2.0	ug/L	2.0 U	2.0 U	2.0 U
Iron_Fe Dissolved	50	ug/L	53	64	52
Lead_Pb Dissolved	2.0	ug/L	2.0 U	2.0 U	2.0 U
Lithium_Li Dissolved	25	ug/L	25 U	25 U	25 U
Magnesium_Mg Dissolved	0.10	mg/L	2.7	2.5	2.5
Manganese_Mn Dissolved	10	ug/L	13	13	13
Mercury_Hg Dissolved	0.2	ug/L	0.20 U	0.20 U	0.20 U
Molybdenum_Mo Dissolved	10	ug/L	10 U	10 U	10 U
Nickel_Ni Dissolved	2.0	ug/L	2.0 U	2.0 U	2.0 U
Potassium_K Dissolved	0.10	mg/L	1.6	1.5	1.4
Selenium_Se Dissolved	5.0	ug/L	5.0 U	5.0 U	5.0 U
Silver_Ag_Dissolved	1.0	ug/L	1.0 U	1.0 U	1.0 U
Sodium_Na Dissolved	0.10	mg/L	4.8	4.5	3.9
Strontium_Sr Dissolved		ug/L	44	44	45
Thallium_Tl Dissolved	2.0	ug/L	2.0 U	2.0 U	2.0 U
Tin_Sn Dissolved	10	ug/L	10 U	10 U	10 U
Titanium_Ti Dissolved	10	ug/L	10 U	10 U	10 U
Vanadium_V Dissolved	25	ug/L	25 U	25 U	25 U
Zinc_Zn Dissolved	10	ug/L	10 U	10 U	10 U
Sample Temp at Receipt		°C	1.2	2.3	1.0