

Data from Ash Release at Duke Energy Dan River Station
DRAPER LANDING DOWNSTREAM OF RELEASE DAN RIVER
No NC Water Quality standards for dissolved metals

			Sampling Dates and Sample ID			
			2/5/2014		2/6/2014	2/7/2014
			DISSOLVED		DISSOLVED	DISSOLVED
Parameter	Lab PQL	Units	AC04674		AC04736	AC04809
			Aluminum_Al Dissolved	50	ug/L	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 Dissolved	10	ug/L	23		22	22
Beryllium_Be Dissolved	5.0	ug/L	5.0 U		5.0 U	5.0 U
Boron_B Dissolved	50	ug/L	110		130	130
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	7.6
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	50 U		50 U	200
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		2.7	2.7
Manganese_Mn Dissolved	10	ug/L	13		13	16
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	1.7		1.6	1.5
Sample Temp at Receipt		°C	1.2		2.3	1.0
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	5.7		5.1	4.8
Strontium_Sr Dissolved		ug/L	42		43	47
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