

Data from Ash Release at Duke Energy Dan River Station

Dan River @ 009

Sampling Dates and Sample ID

Parameter	Lab PQL	Report # Dissolved Units\Hg 1631	2/26/2014		2/27/2014			
			AC05559	AC05649	AC05559	AC05649	Applicable	
			AC05560	AC05650	AC05560	AC05650	Water Quality	Basis for
							Standard	Standard
Aluminum_Al	50	ug/L	710		410		87*	Aquatic Life
Arsenic_As	2.0	ug/L	2.0	U	2.0	U	10	Human Health
Cadmium_Cd	0.50	ug/L	0.50	U	0.50	U	2	Aquatic Life
Copper_Cu	2.0	ug/L	2.0	U	2.0	U	7	Aquatic Life
Iron_Fe	50	ug/L	1200		770		1000	Aquatic Life
Nickel_Ni	2.0	ug/L	2.0	U	2.0	U	88	Aquatic Life
Zinc_Zn	10	ug/L	10	U	10	U	50	Aquatic Life

Al - Dissolved Aluminum	50	ug/L	50	U	50	U	<i>no NC standards for dissolved metals</i>
As Dissolved Arsenic	2.0	ug/L	2.0	U	2.0	U	
Cd- Dissolved Cadmium	0.50	ug/L	0.50	U	0.50	U	
Cu- Dissolved Copper	2.0	ug/L	2.0	U	2.0	U	
Fe- Dissolved Iron	50	ug/L	50	U	50	U	
Ni-Dissolved Nickel	2.0	ug/L	2.0	U	2.0	U	
Zn-Dissolved Zinc	10	ug/L	10	U	10	U	

U = Indicates that the analyte was analyzed for but not detected above the reported practical quantitation limit.

Blanks mean no sample taken or standard available.

* Aluminum is pH and hardness dependent and is based on National Recommended Water Quality Criteria.