

Data from ash release at Duke Energy Dan River Station

Preliminary Results

Parameter	PQL	Units	Ds- Daper			Ds- Daper			
			Landing	DS Va line	US	Landing	DS Va line	US	
			AC04606	AC04607	AC04608	AC04664	AC04665	AC04666	
<b>U = Indicates that the analyte was analyzed for but not detected above the reported practical quantitation limit*.</b>									
Residue: Suspended 530	6.2 mg/L		855	329	15	164	256	28	
Sulfate	1.0 mg/L		5.2	5.7	5.0	4.0	5.4	4.1	
TKN as N	0.2 mg/L		0.74	.58	0.24	NA	NA	NA	NA - Analysis pending.
NO2 plus NO3 as N	0.02 mg/L		0.4	.44	0.38	0.39	0.4	0.34	
P: Total P	0.02 mg/L		0.26	.14	0.03	0.10	0.14	0.05	
K-Potassium	0.10 mg/L		4.7	2.8	1.5	1.5	1.9	2.5	
Cd-Cadmium	0.5 µg/L		0.69	0.5U	0.5U	0.5U	0.5U	0.5U	
Cr -Chromium	10 µg/L		15	10U	10U	10U	10U	10U	
Cu-Copper	2.0 µg/L		46	19	2.0U	13	16	3.3	
Ni-Nickel	2.0 µg/L		21	8.9	2.0U	7.4	8.4	2.1	
Pb_Lead	2.0 µg/L		23	7.9	2.0U	4.5	6.5	2.0U	
Zn-Zinc	10 µg/L		43	19	10U	25	16	10U	
As-Arsenic	2.0 µg/L		40	13	2.0U	6.3	10	2.0U	<b><u>*Se is being confirmed by AA graphite furnace due to suspected interferences.</u></b>
Se-Selenium	5.0 µg/L		*	*	*	*	*	*	
Hg-Mercury (high level)	0.2 µg/L		0.20U	0.20U	0.20U	0.20U	0.20U	0.20U	
Ag -Silver	1.0 µg/L		1.0U	1.0U	1.0U	1.0U	1.0U	1.0U	
Al-Aluminum	50 µg/L		NA	NA	NA	NA	NA	NA	
Ba-Barium	10 µg/L		530	215	29	29	100	170	
Be-Beryllium	5.0 µg/L		NA	NA	NA	NA	NA	NA	
Co-Cobalt	50 µg/L		NA	NA	NA	NA	NA	NA	
Fe-Iron	50 µg/L		NA	NA	NA	NA	NA	NA	
Mg-Magnesium	0.10 mg/L		4.6	3.7	3	3	2.9	3.4	
Mn-Manganese	10 µg/L		NA	NA	NA	NA	NA	NA	
V -Vanadium	25 µg/L		NA	NA	NA	NA	NA	NA	

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Na - Sodium	0.10	mg/L	6.4	7.1	4.4	5.5	7	4.9
Ca - Calcium	0.10	mg/L	12	10	8.7	8.7	7.8	9.1
Li-Lithium	25	µg/L	NA	NA	NA	NA	NA	NA
Mo-Molybdenum	10	µg/L	10U	10U	10U	10U	10U	10U
Sb - Antimony	10	µg/L	10U	10U	10U	10U	10U	10U
Sn-Tin	10	µg/L	10U	10U	10U	10U	10U	10U
Tl-Thallium	2.0	µg/L	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
Ti-Titanium	10	µg/L	NA	NA	NA	NA	NA	NA
B-Boron	50	µg/L	NA	NA	NA	NA	NA	NA