

NOTE: Summary Statistics are not provided because only 1 sample was collected annually per location.

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 5-2, Radioactivity in Environmental Charcoal Filters

Data Section

2013 Radioactivity in Environmental Air for Charcoal : Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
Burial Ground North	Co-60	13-Nov-13	-2.81E-03	1.80E-03	No
Site Perimeter					
Allendale Gate	Co-60	13-Nov-13	-3.62E-03	1.92E-03	No
Barnwell Gate	Co-60	13-Nov-13	5.59E-04	2.06E-03	No
D-Area	Co-60	13-Nov-13	-9.05E-04	1.59E-03	No
Darkhorse @ Williston Gate	Co-60	13-Nov-13	-3.14E-04	1.84E-03	No
East Talatha	Co-60	13-Nov-13	-1.30E-03	1.44E-03	No
Green Pond	Co-60	13-Nov-13	-3.46E-04	1.89E-03	No
Highway 21/167	Co-60	13-Nov-13	2.58E-05	1.76E-03	No
Jackson	Co-60	13-Nov-13	2.84E-03	1.55E-03	No
Patterson Mill Road	Co-60	13-Nov-13	-2.13E-04	1.17E-03	No
Talatha Gate	Co-60	13-Nov-13	9.00E-04	1.68E-03	No
25-Mile Radius					
Aiken Airport	Co-60	14-Nov-13	1.05E-04	1.71E-03	No
Augusta Lock and Dam 614	Co-60	14-Nov-13	-5.35E-04	2.06E-03	No
Highway 301 @ State Line	Co-60	14-Nov-13	-1.74E-03	1.77E-03	No
100-Mile Radius					
Savannah: GA	Co-60	3-Oct-13	2.78E-03	1.93E-03	No
Onsite					
Burial Ground North	Cs-137	13-Nov-13	-9.24E-04	1.77E-03	No
Site Perimeter					
Allendale Gate	Cs-137	13-Nov-13	7.89E-04	1.80E-03	No
Barnwell Gate	Cs-137	13-Nov-13	1.24E-03	1.98E-03	No
D-Area	Cs-137	13-Nov-13	-2.30E-05	1.78E-03	No
Darkhorse @ Williston Gate	Cs-137	13-Nov-13	-1.54E-03	1.61E-03	No
East Talatha	Cs-137	13-Nov-13	-8.86E-04	1.39E-03	No
Green Pond	Cs-137	13-Nov-13	2.41E-03	1.92E-03	No
Highway 21/167	Cs-137	13-Nov-13	-1.18E-03	1.89E-03	No
Jackson	Cs-137	13-Nov-13	-1.24E-03	1.53E-03	No
Patterson Mill Road	Cs-137	13-Nov-13	-1.04E-03	1.47E-03	No
Talatha Gate	Cs-137	13-Nov-13	-2.86E-04	1.48E-03	No
25-Mile Radius					
Aiken Airport	Cs-137	14-Nov-13	-7.57E-04	1.61E-03	No
Augusta Lock and Dam 614	Cs-137	14-Nov-13	1.05E-03	1.83E-03	No
Highway 301 @ State Line	Cs-137	14-Nov-13	-5.08E-04	1.84E-03	No

Data Section
2013 Radioactivity in Environmental Air for Charcoal : Units are pCi/CuM

100-Mile Radius

Savannah: GA	Cs-137	3-Oct-13	7.51E-04	1.74E-03	No
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Onsite

Burial Ground North	I-129	13-Nov-13	3.22E-05	4.71E-04	No
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Site Perimeter

Allendale Gate	I-129	13-Nov-13	9.41E-05	4.85E-04	No
Barnwell Gate	I-129	13-Nov-13	5.57E-04	6.04E-04	No
D-Area	I-129	13-Nov-13	4.05E-04	4.58E-04	No
Darkhorse @ Williston Gate	I-129	13-Nov-13	4.51E-04	4.46E-04	No
East Talatha	I-129	13-Nov-13	-3.51E-04	5.03E-04	No
Green Pond	I-129	13-Nov-13	-1.50E-04	5.70E-04	No
Highway 21/167	I-129	13-Nov-13	-1.21E-04	5.26E-04	No
Jackson	I-129	13-Nov-13	2.16E-04	5.06E-04	No
Patterson Mill Road	I-129	13-Nov-13	5.81E-04	4.21E-04	No
Talatha Gate	I-129	13-Nov-13	2.92E-04	4.49E-04	No

25-Mile Radius

Aiken Airport	I-129	14-Nov-13	-9.86E-05	4.07E-04	No
Augusta Lock and Dam 614	I-129	14-Nov-13	-6.51E-04	4.68E-04	No
Highway 301 @ State Line	I-129	14-Nov-13	-2.17E-04	5.05E-04	No

100-Mile Radius

Savannah: GA	I-129	3-Oct-13	4.62E-04	4.64E-04	No
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