

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 Charcoal Filters
Sample Measurement Section
2014 Radioactivity in Environmental Air for Charcoal: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
Burial Ground North	Co-60	1-Oct-14	1.16E-03	1.45E-03	No
Site Perimeter					
Allendale Gate	Co-60	1-Oct-14	-1.00E-03	1.81E-03	No
Barnwell Gate	Co-60	1-Oct-14	2.70E-03	2.17E-03	No
D-Area	Co-60	1-Oct-14	-1.27E-02	5.74E-03	No
Darkhorse @ Williston Gate	Co-60	1-Oct-14	-7.92E-04	1.82E-03	No
East Talatha	Co-60	1-Oct-14	-4.49E-04	1.66E-03	No
Green Pond	Co-60	1-Oct-14	1.26E-03	1.59E-03	No
Highway 21/167	Co-60	1-Oct-14	-7.95E-05	1.43E-03	No
Jackson	Co-60	1-Oct-14	-9.19E-04	1.70E-03	No
Patterson Mill Road	Co-60	1-Oct-14	5.22E-03	1.91E-03	No
Talatha Gate	Co-60	1-Oct-14	-1.60E-04	1.79E-03	No
25-Mile Radius					
Aiken Airport	Co-60	2-Oct-14	1.56E-03	1.55E-03	No
Augusta Lock and Dam 614	Co-60	2-Oct-14	-2.55E-03	2.06E-03	No
Highway 301 @ State Line	Co-60	2-Oct-14	9.35E-04	1.31E-03	No
Onsite					
Burial Ground North	Cs-137	1-Oct-14	1.99E-03	1.54E-03	No
Site Perimeter					
Allendale Gate	Cs-137	1-Oct-14	-1.01E-03	1.69E-03	No
Barnwell Gate	Cs-137	1-Oct-14	2.07E-03	1.76E-03	No
D-Area	Cs-137	1-Oct-14	5.89E-03	5.15E-03	No
Darkhorse @ Williston Gate	Cs-137	1-Oct-14	1.91E-03	1.66E-03	No
East Talatha	Cs-137	1-Oct-14	6.03E-04	1.64E-03	No
Green Pond	Cs-137	1-Oct-14	3.30E-03	1.72E-03	No
Highway 21/167	Cs-137	1-Oct-14	5.32E-04	1.59E-03	No
Jackson	Cs-137	1-Oct-14	-1.25E-03	1.57E-03	No
Patterson Mill Road	Cs-137	1-Oct-14	3.86E-04	1.73E-03	No
Talatha Gate	Cs-137	1-Oct-14	7.73E-04	1.52E-03	No

2014 Radioactivity in Environmental Air for Charcoal: Units are pCi/CuM

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
25-Mile Radius					
Aiken Airport	Cs-137	2-Oct-14	-3.27E-04	1.41E-03	No
Augusta Lock and Dam 614	Cs-137	2-Oct-14	2.55E-03	2.09E-03	No
Highway 301 @ State Line	Cs-137	2-Oct-14	2.25E-04	1.32E-03	No
Onsite					
Burial Ground North	I-129	1-Oct-14	3.24E-04	3.93E-04	No
Site Perimeter					
Allendale Gate	I-129	1-Oct-14	4.62E-04	4.45E-04	No
Barnwell Gate	I-129	1-Oct-14	4.81E-04	4.29E-04	No
D-Area	I-129	1-Oct-14	-1.50E-03	1.52E-03	No
Darkhorse @ Williston Gate	I-129	1-Oct-14	-9.41E-04	4.19E-04	No
East Talatha	I-129	1-Oct-14	1.36E-04	5.38E-04	No
Green Pond	I-129	1-Oct-14	2.24E-04	4.57E-04	No
Highway 21/167	I-129	1-Oct-14	-6.05E-04	3.87E-04	No
Jackson	I-129	1-Oct-14	2.33E-03	7.58E-04	Yes
Patterson Mill Road	I-129	1-Oct-14	-7.86E-05	4.28E-04	No
Talatha Gate	I-129	1-Oct-14	9.30E-05	4.22E-04	No
25-Mile Radius					
Aiken Airport	I-129	2-Oct-14	-4.89E-04	3.80E-04	No
Augusta Lock and Dam 614	I-129	2-Oct-14	7.19E-04	5.36E-04	No
Highway 301 @ State Line	I-129	2-Oct-14	-2.73E-05	3.23E-04	No