

NOTE: No sea trout were collected in 2014.

NOTE: Red Drum composites are composed of 4 fish each. Marine Mullet composites are composed of 5 fish each.

NOTE: The analyte mean is set to zero if all composite values per fish species are not significant.

NOTE: All saltwater fish are collected at location designated River Miles 0-8 (mouth of Savannah River)

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 5-16 Radioactivity in Aquatic Food Products - Saltwater Fish

Summary Statistic Section

2014 Radioactivity in Aquatic Food Products - Saltwater Fish : Units are pCi/g

Result was reported as detected.

<i>Fish Species</i>	<i>Marine Mullet</i>				<i>Red Drum</i>			
Analyte	Number of Samples	Mean	Minimum	Maximum	Number of Samples	Mean	Minimum	Maximum
H-3	3	1.67E-01 (1.56E-02)	1.35E-1 (2.35E-02)	1.94E-01 (3.00E-02)	3	1.12E-01 (1.48E-02)	5.62E-02 (2.48E-02)	1.62E-01 (1.86E-02)
Co-60	3	0.00E+00	-4.73E-04 (8.65E-03)	1.02E-02 (9.78E-03)	3	0.00E+00	-1.10E-02 (9.62E-03)	6.97E-03 (8.78E-03)
Cs-137	3	0.00E+00	-3.41E-03 (9.62E-03)	-3.43E-02 (9.59E-03)	3	0.00E+00	-5.57E-03 (1.02E-02)	1.28E-02 (9.35E-03)
Sr-89/90 Edible	3	0.00E+00	-9.14E-05 (9.38E-04)	1.45E-03 (1.03E-03)	3	2.56E-03 (5.86E-04)	1.56E-03 (9.59E-04)	3.41E-03 (1.06E-03)
Sr 89/90 Non-Edible	3	1.60E-01 (2.74E-02)	1.08E-01 (4.49E-02)	2.32E-01 (5.00E-02)	3	2.11E-01 (4.61E-02)	1.91E-01 (7.89E-02)	2.41E-01(8.46E-02)
I-129	3	0.00E+00	-9.24E-04 (9.00E-03)	8.19E-03 (7.81E-03)	3	0.00E+00	-6.89E-03 (7.43E-03)	1.81E-02 (7.57E-03)
Tc-99	3	0.00E+00	5.16E-03 (2.65E-02)	2.67E-02 (2.73E-02)	3	0.00E+00	-1.21E-02 (2.49E-02)	-7.78E-03 (2.50E-02)
Gross Beta	3	2.54E-00 (1.02E-01)	2.46E+00 (1.74E-01)	2.64E+00 (1.79E-01)	3	2.70E+00 (1.29E-01)	2.09E+00 (2.00E-01)	3.38E+00 (2.49E-01)
Gross Alpha	3	0.00E+00	-8.14E-03 (2.37E-02)	7.54E-02 (4.81E-02)	3	0.00E+00	-4.76E-03 (3.57E-02)	9.19E-02 (6.49E-02)

NOTE: No sea trout were collected in 2014.

NOTE: Red Drum composites are composed of 4 fish each. Marine Mullet composites are composed of 5 fish each.

NOTE: The analyte mean is set to zero if all composite values per fish species are not significant.

NOTE: All saltwater fish are collected at location designated River Miles 0-8 (mouth of Savannah River)

NOTE: Unless noted with Fish Species, all results are for fish flesh. Non-edible indicates fish bones.

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 5-16 Radioactivity in Aquatic Food Products - Saltwater Fish

Sample Measurement Section

2014 Radioactivity in Aquatic Food Products - Saltwater Fish : Units are pCi/g

Location	TypeFish	Nuclide	CollectDate	SampleCon	SampleStd	Sig
RM-0/8 Savannah River Mouth	Marine Mullet	H-3	7-Aug-14	1.35E-01	2.35E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	H-3	7-Aug-14	1.71E-01	2.70E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	H-3	7-Aug-14	1.94E-01	3.00E-02	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	H-3	17-Sep-14	1.16E-01	3.19E-02	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	H-3	17-Sep-14	5.62E-02	2.48E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	H-3	17-Sep-14	1.62E-01	1.86E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Co-60	7-Aug-14	-4.73E-04	8.65E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Co-60	7-Aug-14	1.02E-02	8.62E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Co-60	7-Aug-14	1.05E-02	9.78E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Co-60	17-Sep-14	-1.10E-02	9.62E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Co-60	17-Sep-14	1.09E-03	9.38E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Co-60	17-Sep-14	6.97E-03	8.78E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Cs-137	7-Aug-14	3.41E-03	9.62E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Cs-137	7-Aug-14	3.43E-02	9.59E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Cs-137	7-Aug-14	5.38E-03	9.65E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Cs-137	17-Sep-14	-8.86E-05	9.70E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Cs-137	17-Sep-14	-5.57E-03	1.02E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Cs-137	17-Sep-14	1.28E-02	9.35E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90	7-Aug-14	-9.14E-05	9.38E-04	No
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90	7-Aug-14	1.45E-03	1.03E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90	7-Aug-14	1.24E-03	9.62E-04	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90	17-Sep-14	1.56E-03	9.59E-04	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90	17-Sep-14	3.41E-03	1.06E-03	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90	17-Sep-14	2.73E-03	1.02E-03	No
Off-Site(Nonedible)						
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90 (nonedible)	7-Aug-14	1.42E-01	4.76E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90 (nonedible)	7-Aug-14	2.32E-01	5.00E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Sr-89/90 (nonedible)	7-Aug-14	1.08E-01	4.49E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90 (nonedible)	17-Sep-14	1.91E-01	7.89E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90 (nonedible)	17-Sep-14	2.01E-01	7.57E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Sr-89/90 (nonedible)	17-Sep-14	2.41E-01	8.46E-02	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	I-129	7-Aug-14	-9.24E-04	9.00E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	I-129	7-Aug-14	5.24E-03	8.78E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	I-129	7-Aug-14	8.19E-03	7.81E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	I-129	17-Sep-14	5.19E-03	7.76E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	I-129	17-Sep-14	1.81E-02	7.57E-03	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	I-129	17-Sep-14	-6.89E-03	7.43E-03	No
RM-0/8 Savannah River Mouth	Marine Mullet	Tc-99	7-Aug-14	5.16E-03	2.65E-02	No
RM-0/8 Savannah River Mouth	Marine Mullet	Tc-99	7-Aug-14	2.42E-02	2.70E-02	No
RM-0/8 Savannah River Mouth	Marine Mullet	Tc-99	7-Aug-14	2.67E-02	2.73E-02	No

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RM-0/8 Savannah River Mouth	Red Fish (drum)	Tc-99	17-Sep-14	-1.08E-02	2.49E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Tc-99	17-Sep-14	-1.21E-02	2.49E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Tc-99	17-Sep-14	-7.78E-03	2.50E-02	No
RM-0/8 Savannah River Mouth	Marine Mullet	Gross B	7-Aug-14	2.51E+00	1.75E-01	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Gross B	7-Aug-14	2.46E+00	1.74E-01	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Gross B	7-Aug-14	2.64E+00	1.79E-01	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross B	17-Sep-14	2.64E+00	2.21E-01	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross B	17-Sep-14	2.09E+00	2.00E-01	Yes
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross B	17-Sep-14	3.38E+00	2.49E-01	Yes
RM-0/8 Savannah River Mouth	Marine Mullet	Gross A	7-Aug-14	1.24E-02	3.08E-02	No
RM-0/8 Savannah River Mouth	Marine Mullet	Gross A	7-Aug-14	-8.14E-03	2.37E-02	No
RM-0/8 Savannah River Mouth	Marine Mullet	Gross A	7-Aug-14	7.54E-02	4.81E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross A	17-Sep-14	-4.76E-03	3.57E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross A	17-Sep-14	9.19E-02	6.49E-02	No
RM-0/8 Savannah River Mouth	Red Fish (drum)	Gross A	17-Sep-14	6.76E-02	6.54E-02	No