

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

NOTE: Highway 17A and Beaver Dam Creek were not sampled in 2014.

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 5-17 Radioactivity in Aquatic Food Products - Freshwater Fish  
Summary Statistic Section

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

Result was reported as detected.

Tritium (H-3) Summary (Edible)

| Tritium (H-3) Summary (Edible)     |                         |                 |                      | Bass            |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 | Panfish              |                         |                 |                      |                 |                      |                 |                     |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|---------------------|
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std.dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                     |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | 3.43E-03        | 3.22E-02             | 5.14E-02        | 3.00E-02             | 3                       | 0.00E+00        |                      | -7.59E-02       | 2.69E-02             | 6.59E-02        | 3.24E-02             | 3                       | 0.00E+00        |                      | 4.35E-03        | 3.03E-02             | 3.03E-02        | 2.95E-02            |
| Upper Three Runs Creek River Mouth | 3                       | 5.95E-02        | 1.30E-02             | 4.16E-02        | 2.17E-02             | 8.78E-02        | 2.38E-02             | 3                       | 1.07E-01        | 1.51E-02             | 8.57E-02        | 2.60E-02             | 1.34E-01        | 2.50E-02             | 3                       | 7.35E-02        | 1.36E-02             | 3.16E-02        | 2.53E-02             | 1.11E-01        | 2.25E-02            |
| Four Mile Creek River Mouth        | 3                       | 3.24E-01        | 1.75E-02             | 9.51E-02        | 2.92E-02             | 7.73E-01        | 3.35E-02             | 3                       | 3.95E-02        | 1.65E-02             | 4.73E-03        | 2.64E-02             | 8.92E-02        | 3.14E-02             | 3                       | 1.22E-01        | 1.31E-02             | 6.35E-02        | 2.35E-02             | 1.98E-01        | 2.39E-02            |
| Steel Creek River Mouth            | 3                       | 6.65E-02        | 1.44E-02             | 4.73E-02        | 2.81E-02             | 9.92E-02        | 2.41E-02             | 3                       | 4.57E-02        | 1.96E-02             | 1.75E-02        | 3.46E-02             | 9.27E-02        | 3.24E-02             | 3                       | 7.53E-02        | 1.69E-02             | 3.89E-02        | 2.89E-02             | 1.02E-01        | 3.11E-02            |
| Lower Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | -1.68E-02       | 2.61E-02             | 4.62E-03        | 2.48E-02             | 3                       | 6.37E-02        | 1.49E-02             | 4.73E-02        | 2.42E-02             | 8.05E-02        | 2.76E-02             | 3                       | 0.00E+00        |                      | 1.19E-02        | 2.50E-02             | 5.86E-02        | 2.38E-02            |
| Hwy 301 Bridge Area                | 3                       | 0.00E+00        |                      | 1.42E-02        | 2.76E-02             | 6.24E-02        | 2.84E-02             | 3                       | 0.00E+00        |                      | 1.83E-02        | 2.97E-02             | 6.65E-02        | 3.65E-02             | 3                       | 0.00E+00        |                      | -2.73E-03       | 2.65E-02             | 2.11E-02        | 2.69E-02            |

Co-60 Summary (Edible)

| Co-60 Summary (Edible)             |                         |                 |                      | Bass            |                      |                 |                      | Catfish                 |                 |                      |                 | Panfish              |                 |                      |                         |                 |                      |                 |                      |                 |                     |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|---------------------|
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std.dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                     |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | -7.54E-04       | 7.86E-03             | 6.43E-03        | 9.46E-03             | 3                       | 0.00E+00        |                      | -2.76E-02       | 9.65E-03             | 8.11E-03        | 9.32E-03             | 3                       | 0.00E+00        |                      | -1.43E-02       | 1.24E-02             | 2.02E-02        | 1.06E-02            |
| Upper Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | -4.16E-03       | 8.51E-03             | 1.65E-02        | 8.14E-03             | 3                       | 0.00E+00        |                      | -2.20E-03       | 9.84E-03             | 1.51E-02        | 9.81E-03             | 3                       | 0.00E+00        |                      | -7.70E-03       | 1.26E-02             | 2.95E-02        | 1.36E-02            |
| Four Mile Creek River Mouth        | 3                       | 0.00E+00        |                      | 1.05E-03        | 8.86E-03             | 3.97E-03        | 8.68E-03             | 3                       | 0.00E+00        |                      | -2.02E-02       | 1.06E-02             | 1.53E-04        | 8.73E-03             | 3                       | 0.00E+00        |                      | -5.22E-03       | 1.26E-02             | 5.59E-03        | 1.00E-02            |
| Steel Creek River Mouth            | 3                       | 0.00E+00        |                      | -1.53E-02       | 8.92E-03             | -3.76E-03       | 9.86E-03             | 3                       | 0.00E+00        |                      | -7.19E-03       | 8.89E-03             | 9.73E-03        | 6.43E-03             | 3                       | 0.00E+00        |                      | -1.81E-02       | 1.18E-02             | 4.46E-03        | 1.19E-02            |
| Lower Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | -7.30E-04       | 9.41E-03             | 1.20E-02        | 9.49E-03             | 3                       | 0.00E+00        |                      | -9.16E-03       | 9.14E-03             | 1.66E-02        | 9.00E-03             | 3                       | 0.00E+00        |                      | -1.40E-02       | 1.31E-02             | 7.41E-03        | 1.14E-02            |
| Hwy 301 Bridge Area                | 3                       | 0.00E+00        |                      | 2.81E-04        | 4.76E-03             | 6.38E-03        | 4.41E-03             | 3                       | 0.00E+00        |                      | 5.27E-04        | 4.62E-03             | 1.63E-03        | 4.54E-03             | 3                       | 0.00E+00        |                      | -2.40E-03       | 5.76E-03             | 7.03E-03        | 5.08E-03            |

Cs-137 Summary (Edible)

| Cs-137 Summary (Edible)            |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                     |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|---------------------|
| Bass                               |                         |                 |                      |                 |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 |                      |                         | Panfish         |                      |                 |                      |                 |                     |
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std.dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                     |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | 6.70E-03        | 9.41E-03             | 1.47E-02        | 9.70E-03             | 3                       | 0.00E+00        |                      | -5.16E-03       | 9.35E-03             | 1.18E-02        | 9.57E-03             | 3                       | 0.00E+00        |                      | 1.97E-03        | 1.24E-02             | 6.78E-03        | 1.30E-02            |
| Upper Three Runs Creek River Mouth | 3                       | 2.94E-02        | 6.88E-03             | 7.08E-03        | 1.03E-02             | 6.86E-02        | 1.45E-02             | 3                       | 0.00E+00        |                      | 9.62E-03        | 1.16E-02             | 2.73E-02        | 1.05E-02             | 3                       | 0.00E+00        |                      | -1.20E-02       | 1.21E-02             | 1.41E-02        | 1.34E-02            |
| Four Mile Creek River Mouth        | 3                       | 8.23E-02        | 1.15E-02             | 7.03E-02        | 1.33E-02             | 9.32E-02        | 2.27E-02             | 3                       | 4.72E-02        | 8.53E-03             | 2.81E-02        | 1.04E-02             | 7.68E-02        | 1.80E-02             | 3                       | 0.00E+00        |                      | 1.66E-02        | 1.26E-02             | 3.76E-02        | 1.40E-02            |
| Steel Creek River Mouth            | 3                       | 9.08E-02        | 1.06E-02             | 5.11E-02        | 1.38E-02             | 1.24E-01        | 1.97E-02             | 3                       | 4.27E-02        | 7.76E-03             | 3.22E-02        | 1.26E-02             | 5.41E-02        | 1.38E-02             | 3                       | 1.25E-01        | 1.38E-02             | 8.49E-02        | 1.69E-02             | 1.59E-01        | 3.00E-02            |
| Lower Three Runs Creek River Mouth | 3                       | 3.26E-02        | 7.48E-03             | 1.62E-02        | 9.24E-03             | 4.89E-02        | 1.54E-02             | 3                       | 7.82E-02        | 1.09E-02             | 4.65E-02        | 1.46E-02             | 9.86E-02        | 1.77E-02             | 3                       | 3.55E-02        | 9.86E-03             | -1.05E-03       | 1.33E-02             | 6.49E-02        | 2.20E-02            |
| Hwy 301 Bridge Area                | 3                       | 2.19E-02        | 4.33E-03             | 1.46E-02        | 7.08E-03             | 2.84E-02        | 8.57E-03             | 3                       | 1.60E-02        | 3.64E-03             | 1.29E-02        | 4.78E-03             | 2.02E-02        | 7.32E-03             | 3                       | 0.00E+00        |                      | 6.81E-04        | 5.59E-03             | 1.42E-02        | 6.78E-03            |

Sr-89/90 Summary (Edible)

| Bass                               |                         |                 |                      | Catfish         |                      |                 |                      |                         |                 |                      |                 |                      |                 | Panfish              |                         |                 |                      |                 |                      |                 |                     |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|---------------------|
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std.dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                     |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | 6.86E-04        | 9.68E-04             | 1.82E-03        | 1.00E-03             | 3                       | 2.69E-03        | 6.42E-04             | 1.75E-03        | 1.04E-03             | 3.49E-03        | 1.12E-03             | 3                       | 5.96E-03        | 1.29E-03             | 3.51E-03        | 2.08E-03             | 7.70E-03        | 2.33E-03            |
| Upper Three Runs Creek River Mouth | 3                       | 2.63E-03        | 6.75E-04             | 1.62E-03        | 1.10E-03             | 3.59E-03        | 1.25E-03             | 3                       | 0.00E+00        |                      | 1.19E-03        | 1.06E-03             | 1.85E-03        | 1.11E-03             | 3                       | 4.86E-03        | 1.32E-03             | 2.19E-03        | 2.08E-03             | 6.89E-03        | 2.41E-03            |
| Four Mile Creek River Mouth        | 3                       | 0.00E+00        |                      | 7.49E-04        | 9.54E-04             | 1.06E-03        | 9.84E-04             | 3                       | 0.00E+00        |                      | 1.24E-03        | 9.68E-04             | 1.88E-03        | 1.04E-03             | 3                       | 3.12E-03        | 1.12E-03             | -1.04E-03       | 1.60E-03             | 6.89E-03        | 2.19E-03            |
| Steel Creek River Mouth            | 3                       | 1.35E-03        | 5.27E-04             | 5.57E-04        | 8.78E-04             | 2.73E-03        | 9.78E-04             | 3                       | 0.00E+00        |                      | -1.11E-03       | 6.30E-04             | 1.18E-03        | 9.22E-04             | 3                       | 0.00E+00        |                      | 2.19E-03        | 1.80E-03             | 5.30E-03        | 1.97E-03            |
| Lower Three Runs Creek River Mouth | 3                       | 3.52E-03        | 6.62E-04             | 1.76E-03        | 1.00E-03             | 6.11E-03        | 1.32E-03             | 3                       | 0.00E+00        |                      | 1.89E-03        | 1.02E-03             | 2.76E-03        | 1.07E-03             | 3                       | 2.72E-03        | 1.24E-03             | 3.19E-04        | 1.84E-03             | 7.19E-03        | 2.70E-03            |
| Hwy 301 Bridge Area                | 3                       | 1.71E-03        | 5.22E-04             | 7.97E-05        | 7.86E-04             | 3.03E-03        | 9.62E-04             | 3                       | 2.70E-03        | 5.39E-04             | 1.84E-03        | 8.65E-04             | 3.86E-03        | 9.73E-04             | 3                       | 4.51E-03        | 1.01E-03             | 1.16E-03        | 1.48E-03             | 6.81E-03        | 1.88E-03            |

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

Result was reported as detected.

Sr-89/90 Summary (Non-Edible)

| Bass                                               |                         |                 |                      |                 |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 | Panfish              |                         |                 |                      |                 |                      |                 |                      |
|----------------------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
|                                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) |
| Augusta L&D                                        | 3                       | 7.90E-01        | 4.75E-02             | 6.86E-01        | 7.84E-02             | 8.43E-01        | 8.43E-02             | 3                       | 8.59E-01        | 4.85E-02             | 7.62E-01        | 7.84E-02             | 9.92E-01        | 9.11E-02             | 3                       | 8.59E-01        | 4.88E-02             | 8.22E-01        | 8.19E-02             | 9.11E-01        | 8.89E-02             |
| Upper Three Runs Creek River Mouth                 | 3                       | 8.89E-01        | 8.17E-02             | 7.86E-01        | 1.35E-01             | 1.01E+00        | 1.51E-01             | 3                       | 9.05E-01        | 8.02E-02             | 8.32E-01        | 1.28E-01             | 9.68E-01        | 1.48E-01             | 3                       | 9.51E-01        | 8.22E-02             | 7.46E-01        | 1.27E-01             | 1.09E+00        | 1.52E-01             |
| Four Mile Creek River Mouth                        | 3                       | 1.84E+00        | 5.93E-02             | 1.10E+00        | 8.05E-02             | 2.66E+00        | 1.26E-01             | 3                       | 1.11E+00        | 9.23E-02             | 9.05E-01        | 1.45E-01             | 1.26E+00        | 1.77E-01             | 3                       | 1.07E+00        | 8.86E-02             | 9.22E-01        | 1.37E-01             | 1.17E+00        | 1.65E-01             |
| Steel Creek River Mouth                            | 3                       | 7.03E-01        | 6.87E-02             | 5.84E-01        | 1.11E-01             | 8.35E-01        | 1.28E-01             | 3                       | 9.44E-01        | 7.81E-02             | 8.54E-01        | 1.29E-01             | 1.00E+00        | 1.37E-01             | 3                       | 7.56E-01        | 7.03E-02             | 6.05E-01        | 1.11E-01             | 9.24E-01        | 1.33E-01             |
| Lower Three Runs Creek River Mouth                 | 3                       | 8.24E-01        | 7.92E-02             | 6.76E-01        | 1.29E-01             | 1.04E+00        | 1.48E-01             | 3                       | 8.23E-01        | 8.20E-02             | 7.19E-01        | 1.30E-01             | 9.38E-01        | 1.40E-01             | 3                       | 7.38E-01        | 7.38E-02             | 5.11E-01        | 1.11E-01             | 9.35E-01        | 1.41E-01             |
| Special Study - Lower Three Runs Creek River Mouth | 3                       | 6.74E-02        | 6.33E-03             | 6.11E-02        | 1.13E-02             | 7.70E-02        | 1.12E-02             |                         |                 |                      |                 |                      |                 |                      | 3                       | 1.28E-01        | 9.17E-03             | 1.28E-01        | 9.17E-03             | 1.61E-01        | 1.73E-02             |
| Hwy 301 Bridge Area                                | 3                       | 5.17E-01        | 5.85E-02             | 4.19E-01        | 9.41E-02             | 6.38E-01        | 1.11E-01             | 3                       | 9.82E-01        | 8.32E-02             | 7.68E-01        | 1.20E-01             | 1.17E+00        | 1.46E-01             | 3                       | 9.48E-01        | 8.08E-02             | 5.76E-01        | 1.03E-01             | 1.29E+00        | 1.78E-01             |

I-129 Summary (Edible)

| F-129 Summary (Edible)             |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
| Bass                               |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      | Catfish         |                      |                 |                      |                         | Panfish         |                      |                 |                      |                 |                      |
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | -6.11E-03       | 7.68E-03             | 8.76E-03        | 8.49E-03             | 3                       | 0.00E+00        |                      | -3.08E-03       | 9.14E-03             | 1.47E-03        | 9.00E-03             | 3                       | 0.00E+00        |                      | -1.53E-02       | 9.43E-03             | -1.32E-02       | 9.46E-03             |
| Upper Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | -2.05E-02       | 1.08E-02             | 2.21E-03        | 8.27E-03             | 3                       | 0.00E+00        |                      | 4.54E-04        | 7.46E-03             | 8.03E-03        | 8.51E-03             | 3                       | 0.00E+00        |                      | -2.19E-03       | 1.10E-02             | 9.11E-04        | 9.46E-03             |
| Four Mile Creek River Mouth        | 3                       | 0.00E+00        |                      | -8.68E-03       | 1.04E-02             | 1.13E-03        | 7.78E-03             | 3                       | 0.00E+00        |                      | 9.14E-04        | 7.65E-03             | 2.76E-02        | 1.05E-02             | 3                       | 0.00E+00        |                      | -3.46E-02       | 9.84E-03             | 1.16E-03        | 1.03E-02             |
| Steel Creek River Mouth            | 3                       | 0.00E+00        |                      | -6.35E-03       | 7.59E-03             | 1.39E-02        | 8.81E-03             | 3                       | 1.04E-02        | 4.84E-03             | 1.77E-03        | 7.68E-03             | 2.76E-02        | 9.59E-03             | 3                       | 0.00E+00        |                      | -1.14E-02       | 9.78E-03             | -2.70E-03       | 1.07E-02             |
| Lower Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | -5.03E-03       | 7.62E-03             | 4.49E-03        | 8.59E-03             | 3                       | 0.00E+00        |                      | 5.11E-04        | 1.30E-03             | 1.76E-03        | 1.24E-03             | 3                       | 2.10E-02        | 7.95E-03             | 2.78E-03        | 9.68E-03             | 5.30E-02        | 1.89E-02             |
| Hwy 301 Bridge Area                | 3                       | 0.00E+00        |                      | -1.38E-02       | 7.78E-03             | 2.81E-03        | 7.70E-03             | 3                       | 0.00E+00        |                      | -6.43E-03       | 9.68E-03             | 3.14E-02        | 1.28E-02             | 3                       | 0.00E+00        |                      | -1.61E-02       | 9.27E-03             | 1.68E-02        | 1.06E-02             |

Tc-99 Summary (Edible)

| C-99 Summary (Edible)              |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
| Bass                               |                         |                 |                      |                 |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 |                      |                         | Panfish         |                      |                 |                      |                 |                      |
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | -1.03E-02       | 2.62E-02             | 1.70E-02        | 2.68E-02             | 3                       | 0.00E+00        |                      | 9.92E-03        | 2.68E-02             | 3.08E-02        | 2.70E-02             | 3                       | 0.00E+00        |                      | -2.31E-02       | 2.62E-02             | 1.41E-02        | 2.67E-02             |
| Upper Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | 2.97E-02        | 2.29E-02             | 5.16E-02        | 2.33E-02             | 3                       | 5.50E-02        | 1.34E-02             | 2.76E-02        | 2.28E-02             | 8.81E-02        | 2.37E-02             | 3                       | 4.71E-02        | 1.34E-02             | 3.38E-02        | 2.29E-02             | 6.38E-02        | 2.34E-02             |
| Four Mile Creek River Mouth        | 3                       | 0.00E+00        |                      | 3.19E-02        | 2.31E-02             | 4.14E-02        | 2.32E-02             | 3                       | 0.00E+00        |                      | 2.56E-02        | 2.30E-02             | 3.81E-02        | 2.32E-02             | 3                       | 0.00E+00        |                      | 2.28E-02        | 2.31E-02             | 3.89E-02        | 2.32E-02             |
| Steel Creek River Mouth            | 3                       | 0.00E+00        |                      | 4.11E-02        | 2.20E-02             | 4.32E-02        | 2.18E-02             | 3                       | 0.00E+00        |                      | 2.14E-02        | 2.14E-02             | 2.89E-02        | 2.15E-02             | 3                       | 5.56E-02        | 1.29E-02             | 2.76E-02        | 2.17E-02             | 8.84E-02        | 2.24E-02             |
| Lower Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | 1.76E-02        | 2.20E-02             | 3.54E-02        | 2.25E-02             | 3                       | 5.62E-02        | 1.31E-02             | 3.51E-02        | 2.24E-02             | 7.51E-02        | 2.31E-02             | 3                       | 0.00E+00        |                      | 2.86E-02        | 2.22E-02             | 3.92E-02        | 2.24E-02             |
| Hwy 301 Bridge Area                | 3                       | 0.00E+00        |                      | 1.95E-02        | 2.33E-02             | 4.73E-02        | 2.36E-02             | 3                       | 0.00E+00        |                      | 2.15E-02        | 2.33E-02             | 3.73E-02        | 2.35E-02             | 3                       | 0.00E+00        |                      | 4.24E-02        | 2.36E-02             | 4.68E-02        | 2.38E-02             |

Gross Beta Summary (Edible)

| Gross Beta Summary (Edible)        |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
| Bass                               |                         |                 |                      |                 |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 |                      |                         | Panfish         |                      |                 |                      |                 |                      |
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
| Augusta L&D                        | 3                       | 2.64E+00        | 1.04E-01             | 2.58E+00        | 1.77E-01             | 2.73E+00        | 1.82E-01             | 3                       | 3.14E+00        | 1.12E-01             | 2.76E+00        | 1.82E-01             | 3.46E+00        | 2.02E-01             | 3                       | 2.07E+00        | 9.31E-02             | 1.82E+00        | 1.53E-01             | 2.56E+00        | 1.76E-01             |
| Upper Three Runs Creek River Mouth | 3                       | 2.95E+00        | 1.34E-01             | 2.92E+00        | 2.31E-01             | 3.03E+00        | 2.36E-01             | 3                       | 3.25E+00        | 1.40E-01             | 3.05E+00        | 2.36E-01             | 3.46E+00        | 2.48E-01             | 3                       | 2.88E+00        | 1.32E-01             | 2.45E+00        | 2.13E-01             | 3.24E+00        | 2.41E-01             |
| Four Mile Creek River Mouth        | 3                       | 2.82E+00        | 1.31E-01             | 2.57E+00        | 2.18E-01             | 3.05E+00        | 2.36E-01             | 3                       | 3.02E+00        | 1.35E-01             | 2.89E+00        | 2.29E-01             | 3.11E+00        | 2.36E-01             | 3                       | 2.15E+00        | 1.16E-01             | 1.95E+00        | 1.93E-01             | 2.25E+00        | 2.06E-01             |
| Steel Creek River Mouth            | 3                       | 2.62E+00        | 1.26E-01             | 2.29E+00        | 2.06E-01             | 3.00E+00        | 2.32E-01             | 3                       | 2.78E+00        | 1.29E-01             | 2.34E+00        | 2.07E-01             | 3.08E+00        | 2.34E-01             | 3                       | 2.32E+00        | 1.19E-01             | 1.93E+00        | 1.92E-01             | 2.86E+00        | 2.26E-01             |
| Lower Three Runs Creek River Mouth | 3                       | 2.76E+00        | 1.30E-01             | 2.54E+00        | 2.17E-01             | 2.89E+00        | 2.30E-01             | 3                       | 3.13E+00        | 1.37E-01             | 2.86E+00        | 2.28E-01             | 3.41E+00        | 2.47E-01             | 3                       | 2.77E+00        | 1.30E-01             | 2.46E+00        | 2.13E-01             | 2.97E+00        | 2.33E-01             |
| Hwy 301 Bridge Area                | 3                       | 2.73E+00        | 1.28E-01             | 2.23E+00        | 2.03E-01             | 3.05E+00        | 2.33E-01             | 3                       | 3.17E+00        | 1.37E-01             | 3.00E+00        | 2.31E-01             | 3.30E+00        | 2.41E-01             | 3                       | 2.58E+00        | 1.25E-01             | 2.49E+00        | 2.14E-01             | 2.68E+00        | 2.20E-01             |

Gross Alpha Summary (Edible)

| Gross Alpha Summary (Edible)       |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
|------------------------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-------------------------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|
| Bass                               |                         |                 |                      |                 |                      |                 |                      | Catfish                 |                 |                      |                 |                      |                 |                      |                         | Panfish         |                      |                 |                      |                 |                      |
|                                    | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) | Number of<br>composites | Mean<br>(pCi/g) | std. dev.<br>(pCi/g) | Min.<br>(pCi/g) | std. dev.<br>(pCi/g) | Max.<br>(pCi/g) | std. dev.<br>(pCi/g) |
| Location                           |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |                         |                 |                      |                 |                      |                 |                      |
| Augusta L&D                        | 3                       | 0.00E+00        |                      | -8.43E-03       | 2.43E-02             | 5.30E-02        | 4.22E-02             | 3                       | 0.00E+00        |                      | -8.43E-03       | 2.37E-02             | 5.38E-02        | 4.30E-02             | 3                       | 0.00E+00        |                      | 1.24E-02        | 3.11E-02             | 5.76E-02        | 4.57E-02             |
| Upper Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | 3.59E-02        | 4.86E-02             | 7.19E-02        | 6.14E-02             | 3                       | 0.00E+00        |                      | 1.62E-03        | 3.51E-02             | 1.00E-01        | 6.68E-02             | 3                       | 0.00E+00        |                      | -3.11E-02       | 1.25E-02             | 1.05E-01        | 6.95E-02             |
| Four Mile Creek River Mouth        | 3                       | 0.00E+00        |                      | -2.89E-03       | 3.70E-02             | 6.24E-02        | 5.89E-02             | 3                       | 0.00E+00        |                      | -3.59E-02       | 1.81E-02             | 2.89E-02        | 4.92E-02             | 3                       | 0.00E+00        |                      | -3.46E-02       | 1.82E-02             | 6.30E-02        | 5.89E-02             |
| Steel Creek River Mouth            | 3                       | 0.00E+00        |                      | -3.05E-02       | 1.20E-02             | 6.84E-02        | 5.84E-02             | 3                       | 0.00E+00        |                      | -2.95E-02       | 1.16E-02             | 3.35E-02        | 4.59E-02             | 3                       | 0.00E+00        |                      | -3.43E-02       | 1.36E-02             | 2.32E-03        | 3.30E-02             |
| Lower Three Runs Creek River Mouth | 3                       | 0.00E+00        |                      | 2.89E-03        | 3.68E-02             | 3.57E-02        | 4.84E-02             | 3                       | 0.00E+00        |                      | -3.08E-02       | 1.25E-02             | 1.70E-03        | 3.51E-02             | 3                       | 0.00E+00        |                      | -2.89E-02       | 1.21E-02             | 6.78E-02        | 5.78E-02             |
| Hwy 301 Bridge Area                | 3                       | 0.00E+00        |                      | -2.89E-02       | 1.14E-02             | 6.38E-02        | 5.46E-02             | 3                       | 0.00E+00        |                      | -2.95E-02       | 1.16E-02             | 6.65E-02        | 5.70E-02             | 3                       | 0.00E+00        |                      | -2.92E-02       | 1.15E-02             | 3.65E-02        | 4.95E-02             |

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

NOTE: Highway 17A and Beaver Dam Creek were not sampled in 2014.

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 5-17 Radioactivity in Aquatic Food Products - Freshwater Fish

### Sample Measurement Section

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

| Location                    | TypeFish | Nuclide | CollectDate | SampleCon | SampleStd | Sig |
|-----------------------------|----------|---------|-------------|-----------|-----------|-----|
| <b>Edible</b>               |          |         |             |           |           |     |
| Augusta Lock and Dam (Fish) | Bass     | H-3     | 25-Jun-14   | 5.14E-02  | 3.00E-02  | No  |
| Augusta Lock and Dam (Fish) | Bass     | H-3     | 25-Jun-14   | 4.62E-03  | 3.24E-02  | No  |
| Augusta Lock and Dam (Fish) | Bass     | H-3     | 25-Jun-14   | 3.43E-03  | 3.22E-02  | No  |
| Augusta Lock and Dam (Fish) | Bream    | H-3     | 9-Jul-14    | 3.03E-02  | 2.95E-02  | No  |
| Augusta Lock and Dam (Fish) | Bream    | H-3     | 9-Jul-14    | 4.35E-03  | 3.03E-02  | No  |
| Augusta Lock and Dam (Fish) | Bream    | H-3     | 23-Jul-14   | 1.45E-02  | 2.70E-02  | No  |
| Augusta Lock and Dam (Fish) | Catfish  | H-3     | 9-Jul-14    | -7.59E-02 | 2.69E-02  | No  |
| Augusta Lock and Dam (Fish) | Catfish  | H-3     | 23-Jul-14   | 6.59E-02  | 3.24E-02  | No  |
| Augusta Lock and Dam (Fish) | Catfish  | H-3     | 23-Jul-14   | 2.20E-02  | 2.95E-02  | No  |
| Four Mile Creek River Mouth | Bass     | H-3     | 28-May-14   | 1.03E-01  | 2.78E-02  | Yes |
| Four Mile Creek River Mouth | Bass     | H-3     | 28-May-14   | 7.73E-01  | 3.35E-02  | Yes |
| Four Mile Creek River Mouth | Bass     | H-3     | 28-May-14   | 9.51E-02  | 2.92E-02  | Yes |
| Four Mile Creek River Mouth | Bream    | H-3     | 28-May-14   | 1.98E-01  | 2.39E-02  | Yes |
| Four Mile Creek River Mouth | Bream    | H-3     | 28-May-14   | 6.35E-02  | 2.35E-02  | Yes |
| Four Mile Creek River Mouth | Bream    | H-3     | 28-May-14   | 1.05E-01  | 2.04E-02  | Yes |
| Four Mile Creek River Mouth | Catfish  | H-3     | 14-May-14   | 4.73E-03  | 2.64E-02  | No  |
| Four Mile Creek River Mouth | Catfish  | H-3     | 14-May-14   | 2.47E-02  | 2.78E-02  | No  |
| Four Mile Creek River Mouth | Catfish  | H-3     | 14-May-14   | 8.92E-02  | 3.14E-02  | Yes |
| Hwy-301 Bridge Area         | Bass     | H-3     | 19-Jun-14   | 6.24E-02  | 2.84E-02  | No  |
| Hwy-301 Bridge Area         | Bass     | H-3     | 19-Jun-14   | 4.76E-02  | 2.45E-02  | No  |
| Hwy-301 Bridge Area         | Bass     | H-3     | 19-Jun-14   | 1.42E-02  | 2.76E-02  | No  |
| Hwy-301 Bridge Area         | Bream    | H-3     | 19-Jun-14   | 2.11E-02  | 2.69E-02  | No  |
| Hwy-301 Bridge Area         | Bream    | H-3     | 19-Jun-14   | 1.92E-02  | 2.67E-02  | No  |
| Hwy-301 Bridge Area         | Bream    | H-3     | 19-Jun-14   | -2.73E-03 | 2.65E-02  | No  |
| Hwy-301 Bridge Area         | Catfish  | H-3     | 19-Jun-14   | 6.65E-02  | 3.65E-02  | No  |
| Hwy-301 Bridge Area         | Catfish  | H-3     | 19-Jun-14   | 1.89E-02  | 3.05E-02  | No  |
| Hwy-301 Bridge Area         | Catfish  | H-3     | 19-Jun-14   | 1.83E-02  | 2.97E-02  | No  |
| L3R Creek River Mouth       | Bass     | H-3     | 28-Apr-14   | -1.68E-02 | 2.61E-02  | No  |
| L3R Creek River Mouth       | Bass     | H-3     | 28-Apr-14   | -5.51E-03 | 2.31E-02  | No  |
| L3R Creek River Mouth       | Bass     | H-3     | 28-Apr-14   | 4.62E-03  | 2.48E-02  | No  |
| L3R Creek River Mouth       | Bream    | H-3     | 28-Apr-14   | 5.86E-02  | 2.38E-02  | No  |
| L3R Creek River Mouth       | Bream    | H-3     | 28-Apr-14   | 4.43E-02  | 2.65E-02  | No  |
| L3R Creek River Mouth       | Bream    | H-3     | 28-Apr-14   | 1.19E-02  | 2.50E-02  | No  |
| L3R Creek River Mouth       | Catfish  | H-3     | 21-May-14   | 8.05E-02  | 2.76E-02  | Yes |
| L3R Creek River Mouth       | Catfish  | H-3     | 21-May-14   | 4.73E-02  | 2.42E-02  | No  |
| L3R Creek River Mouth       | Catfish  | H-3     | 21-May-14   | 6.32E-02  | 2.55E-02  | No  |
| Steel Creek River Mouth     | Bass     | H-3     | 16-Jun-14   | 4.73E-02  | 2.81E-02  | No  |
| Steel Creek River Mouth     | Bass     | H-3     | 23-Jun-14   | 5.30E-02  | 2.24E-02  | No  |
| Steel Creek River Mouth     | Bass     | H-3     | 23-Jun-14   | 9.92E-02  | 2.41E-02  | Yes |
| Steel Creek River Mouth     | Bream    | H-3     | 16-Jun-14   | 8.51E-02  | 2.78E-02  | Yes |
| Steel Creek River Mouth     | Bream    | H-3     | 16-Jun-14   | 1.02E-01  | 3.11E-02  | Yes |
| Steel Creek River Mouth     | Bream    | H-3     | 16-Jun-14   | 3.89E-02  | 2.89E-02  | No  |

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

| <i>Location</i>             | <i>TypeFish</i> | <i>Nuclide</i> | <i>CollectDate</i> | <i>SampleCon</i> | <i>SampleStd</i> | <i>Sig</i> |
|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Steel Creek River Mouth     | Catfish         | H-3            | 11-Jun-14          | 2.69E-02         | 3.46E-02         | No         |
| Steel Creek River Mouth     | Catfish         | H-3            | 16-Jun-14          | 9.27E-02         | 3.24E-02         | Yes        |
| Steel Creek River Mouth     | Catfish         | H-3            | 16-Jun-14          | 1.75E-02         | 3.46E-02         | No         |
| U3R Creek River Mouth       | Bass            | H-3            | 2-Apr-14           | 8.78E-02         | 2.38E-02         | Yes        |
| U3R Creek River Mouth       | Bass            | H-3            | 2-Apr-14           | 4.89E-02         | 2.19E-02         | No         |
| U3R Creek River Mouth       | Bass            | H-3            | 2-Apr-14           | 4.16E-02         | 2.17E-02         | No         |
| U3R Creek River Mouth       | Bream           | H-3            | 7-May-14           | 3.16E-02         | 2.53E-02         | No         |
| U3R Creek River Mouth       | Bream           | H-3            | 7-May-14           | 1.11E-01         | 2.25E-02         | Yes        |
| U3R Creek River Mouth       | Bream           | H-3            | 7-May-14           | 7.84E-02         | 2.25E-02         | Yes        |
| U3R Creek River Mouth       | Catfish         | H-3            | 2-Apr-14           | 1.34E-01         | 2.50E-02         | Yes        |
| U3R Creek River Mouth       | Catfish         | H-3            | 7-May-14           | 1.00E-01         | 2.73E-02         | Yes        |
| U3R Creek River Mouth       | Catfish         | H-3            | 7-May-14           | 8.57E-02         | 2.60E-02         | Yes        |
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Co-60          | 25-Jun-14          | -7.54E-04        | 7.86E-03         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Co-60          | 25-Jun-14          | 6.43E-03         | 9.46E-03         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Co-60          | 25-Jun-14          | 5.95E-03         | 8.84E-03         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Co-60          | 9-Jul-14           | 2.02E-02         | 1.06E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Co-60          | 9-Jul-14           | -1.43E-02        | 1.24E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Co-60          | 23-Jul-14          | 3.30E-03         | 1.17E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Co-60          | 9-Jul-14           | 8.11E-03         | 9.32E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Co-60          | 23-Jul-14          | -2.76E-02        | 9.65E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Co-60          | 23-Jul-14          | -2.35E-03        | 9.81E-03         | No         |
| Four Mile Creek River Mouth | Bass            | Co-60          | 28-May-14          | 3.97E-03         | 8.68E-03         | No         |
| Four Mile Creek River Mouth | Bass            | Co-60          | 28-May-14          | 3.76E-03         | 9.35E-03         | No         |
| Four Mile Creek River Mouth | Bass            | Co-60          | 28-May-14          | 1.05E-03         | 8.86E-03         | No         |
| Four Mile Creek River Mouth | Bream           | Co-60          | 28-May-14          | -5.22E-03        | 1.26E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Co-60          | 28-May-14          | -2.14E-04        | 1.13E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Co-60          | 28-May-14          | 5.59E-03         | 1.00E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Co-60          | 14-May-14          | -5.59E-03        | 8.76E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | Co-60          | 14-May-14          | 1.53E-04         | 8.73E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | Co-60          | 14-May-14          | -2.02E-02        | 1.06E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Co-60          | 19-Jun-14          | 6.38E-03         | 4.41E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | Co-60          | 19-Jun-14          | 4.46E-04         | 4.76E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | Co-60          | 19-Jun-14          | 2.81E-04         | 4.76E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Co-60          | 19-Jun-14          | 7.03E-03         | 5.08E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Co-60          | 19-Jun-14          | 1.82E-03         | 5.11E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Co-60          | 19-Jun-14          | -2.40E-03        | 5.76E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Co-60          | 19-Jun-14          | 5.27E-04         | 4.62E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Co-60          | 19-Jun-14          | 1.63E-03         | 4.54E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Co-60          | 19-Jun-14          | 1.37E-03         | 4.00E-03         | No         |
| L3R Creek River Mouth       | Bass            | Co-60          | 28-Apr-14          | -7.30E-04        | 9.41E-03         | No         |
| L3R Creek River Mouth       | Bass            | Co-60          | 28-Apr-14          | 1.20E-02         | 9.49E-03         | No         |
| L3R Creek River Mouth       | Bass            | Co-60          | 28-Apr-14          | 8.57E-03         | 7.73E-03         | No         |
| L3R Creek River Mouth       | Bream           | Co-60          | 28-Apr-14          | 7.41E-03         | 1.14E-02         | No         |
| L3R Creek River Mouth       | Bream           | Co-60          | 28-Apr-14          | -1.40E-02        | 1.31E-02         | No         |
| L3R Creek River Mouth       | Bream           | Co-60          | 28-Apr-14          | 3.84E-03         | 1.16E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Co-60          | 21-May-14          | 7.89E-03         | 8.73E-03         | No         |
| L3R Creek River Mouth       | Catfish         | Co-60          | 21-May-14          | 1.66E-02         | 9.00E-03         | No         |
| L3R Creek River Mouth       | Catfish         | Co-60          | 21-May-14          | -9.16E-03        | 9.14E-03         | No         |

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| <i>Location</i>             | <i>TypeFish</i> | <i>Nuclide</i> | <i>CollectDate</i> | <i>SampleCon</i> | <i>SampleStd</i> | <i>Sig</i> |
|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Steel Creek River Mouth     | Bass            | Co-60          | 16-Jun-14          | -1.53E-02        | 8.92E-03         | No         |
| Steel Creek River Mouth     | Bass            | Co-60          | 23-Jun-14          | -4.73E-03        | 9.27E-03         | No         |
| Steel Creek River Mouth     | Bass            | Co-60          | 23-Jun-14          | -3.76E-03        | 9.86E-03         | No         |
| Steel Creek River Mouth     | Bream           | Co-60          | 16-Jun-14          | -1.92E-03        | 1.22E-02         | No         |
| Steel Creek River Mouth     | Bream           | Co-60          | 16-Jun-14          | -1.81E-02        | 1.18E-02         | No         |
| Steel Creek River Mouth     | Bream           | Co-60          | 16-Jun-14          | 4.46E-03         | 1.19E-02         | No         |
| Steel Creek River Mouth     | Catfish         | Co-60          | 11-Jun-14          | -2.57E-03        | 9.19E-03         | No         |
| Steel Creek River Mouth     | Catfish         | Co-60          | 16-Jun-14          | -7.19E-03        | 8.89E-03         | No         |
| Steel Creek River Mouth     | Catfish         | Co-60          | 16-Jun-14          | 9.73E-03         | 6.43E-03         | No         |
| U3R Creek River Mouth       | Bass            | Co-60          | 2-Apr-14           | 1.65E-02         | 8.14E-03         | No         |
| U3R Creek River Mouth       | Bass            | Co-60          | 2-Apr-14           | -4.16E-03        | 8.51E-03         | No         |
| U3R Creek River Mouth       | Bass            | Co-60          | 2-Apr-14           | 7.30E-03         | 9.35E-03         | No         |
| U3R Creek River Mouth       | Bream           | Co-60          | 7-May-14           | -7.70E-03        | 1.26E-02         | No         |
| U3R Creek River Mouth       | Bream           | Co-60          | 7-May-14           | 2.95E-02         | 1.36E-02         | No         |
| U3R Creek River Mouth       | Bream           | Co-60          | 7-May-14           | -2.29E-03        | 1.19E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Co-60          | 2-Apr-14           | 2.56E-03         | 1.02E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Co-60          | 7-May-14           | -2.20E-03        | 9.84E-03         | No         |
| U3R Creek River Mouth       | Catfish         | Co-60          | 7-May-14           | 1.51E-02         | 9.81E-03         | No         |
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Cs-137         | 25-Jun-14          | 6.70E-03         | 9.41E-03         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Cs-137         | 25-Jun-14          | 1.47E-02         | 9.70E-03         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Cs-137         | 25-Jun-14          | 9.97E-03         | 9.08E-03         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Cs-137         | 9-Jul-14           | 6.78E-03         | 1.30E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Cs-137         | 9-Jul-14           | 1.97E-03         | 1.24E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Cs-137         | 23-Jul-14          | 2.68E-03         | 1.25E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Cs-137         | 9-Jul-14           | 1.37E-03         | 9.43E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Cs-137         | 23-Jul-14          | -5.16E-03        | 9.35E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Cs-137         | 23-Jul-14          | 1.18E-02         | 9.57E-03         | No         |
| Four Mile Creek River Mouth | Bass            | Cs-137         | 28-May-14          | 8.35E-02         | 2.23E-02         | Yes        |
| Four Mile Creek River Mouth | Bass            | Cs-137         | 28-May-14          | 9.32E-02         | 2.27E-02         | Yes        |
| Four Mile Creek River Mouth | Bass            | Cs-137         | 28-May-14          | 7.03E-02         | 1.33E-02         | Yes        |
| Four Mile Creek River Mouth | Bream           | Cs-137         | 28-May-14          | 3.76E-02         | 1.40E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Cs-137         | 28-May-14          | 1.66E-02         | 1.26E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Cs-137         | 28-May-14          | 2.19E-02         | 1.33E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Cs-137         | 14-May-14          | 2.81E-02         | 1.04E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Cs-137         | 14-May-14          | 7.68E-02         | 1.80E-02         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Cs-137         | 14-May-14          | 3.68E-02         | 1.49E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Cs-137         | 19-Jun-14          | 2.26E-02         | 6.70E-03         | Yes        |
| Hwy-301 Bridge Area         | Bass            | Cs-137         | 19-Jun-14          | 1.46E-02         | 7.08E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | Cs-137         | 19-Jun-14          | 2.84E-02         | 8.57E-03         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Cs-137         | 19-Jun-14          | 1.07E-02         | 5.38E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Cs-137         | 19-Jun-14          | 6.81E-04         | 5.59E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Cs-137         | 19-Jun-14          | 1.42E-02         | 6.78E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Cs-137         | 19-Jun-14          | 1.29E-02         | 4.78E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Cs-137         | 19-Jun-14          | 1.49E-02         | 6.51E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | Cs-137         | 19-Jun-14          | 2.02E-02         | 7.32E-03         | Yes        |
| L3R Creek River Mouth       | Bass            | Cs-137         | 28-Apr-14          | 1.62E-02         | 9.24E-03         | No         |
| L3R Creek River Mouth       | Bass            | Cs-137         | 28-Apr-14          | 4.89E-02         | 1.54E-02         | Yes        |
| L3R Creek River Mouth       | Bass            | Cs-137         | 28-Apr-14          | 3.27E-02         | 1.35E-02         | No         |



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|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| L3R Creek River Mouth       | Bream           | Cs-137         | 28-Apr-14          | 6.49E-02         | 2.20E-02         | Yes        |
| L3R Creek River Mouth       | Bream           | Cs-137         | 28-Apr-14          | -1.05E-03        | 1.33E-02         | No         |
| L3R Creek River Mouth       | Bream           | Cs-137         | 28-Apr-14          | 4.27E-02         | 1.46E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Cs-137         | 21-May-14          | 9.86E-02         | 1.77E-02         | Yes        |
| L3R Creek River Mouth       | Catfish         | Cs-137         | 21-May-14          | 8.95E-02         | 2.34E-02         | Yes        |
| L3R Creek River Mouth       | Catfish         | Cs-137         | 21-May-14          | 4.65E-02         | 1.46E-02         | Yes        |
| Steel Creek River Mouth     | Bass            | Cs-137         | 16-Jun-14          | 9.70E-02         | 2.10E-02         | Yes        |
| Steel Creek River Mouth     | Bass            | Cs-137         | 23-Jun-14          | 1.24E-01         | 1.97E-02         | Yes        |
| Steel Creek River Mouth     | Bass            | Cs-137         | 23-Jun-14          | 5.11E-02         | 1.38E-02         | Yes        |
| Steel Creek River Mouth     | Bream           | Cs-137         | 16-Jun-14          | 1.59E-01         | 3.00E-02         | Yes        |
| Steel Creek River Mouth     | Bream           | Cs-137         | 16-Jun-14          | 8.49E-02         | 1.69E-02         | Yes        |
| Steel Creek River Mouth     | Bream           | Cs-137         | 16-Jun-14          | 1.32E-01         | 2.31E-02         | Yes        |
| Steel Creek River Mouth     | Catfish         | Cs-137         | 11-Jun-14          | 4.19E-02         | 1.39E-02         | Yes        |
| Steel Creek River Mouth     | Catfish         | Cs-137         | 16-Jun-14          | 5.41E-02         | 1.38E-02         | Yes        |
| Steel Creek River Mouth     | Catfish         | Cs-137         | 16-Jun-14          | 3.22E-02         | 1.26E-02         | No         |
| U3R Creek River Mouth       | Bass            | Cs-137         | 2-Apr-14           | 7.08E-03         | 1.03E-02         | No         |
| U3R Creek River Mouth       | Bass            | Cs-137         | 2-Apr-14           | 6.86E-02         | 1.45E-02         | Yes        |
| U3R Creek River Mouth       | Bass            | Cs-137         | 2-Apr-14           | 1.25E-02         | 1.04E-02         | No         |
| U3R Creek River Mouth       | Bream           | Cs-137         | 7-May-14           | 8.57E-03         | 1.27E-02         | No         |
| U3R Creek River Mouth       | Bream           | Cs-137         | 7-May-14           | -1.20E-02        | 1.21E-02         | No         |
| U3R Creek River Mouth       | Bream           | Cs-137         | 7-May-14           | 1.41E-02         | 1.34E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Cs-137         | 2-Apr-14           | 2.15E-02         | 1.03E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Cs-137         | 7-May-14           | 2.73E-02         | 1.05E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Cs-137         | 7-May-14           | 9.62E-03         | 1.16E-02         | No         |
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 6.86E-04         | 9.68E-04         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 1.82E-03         | 1.00E-03         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 8.43E-04         | 9.70E-04         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 9-Jul-14           | 3.51E-03         | 2.08E-03         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 9-Jul-14           | 6.68E-03         | 2.27E-03         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 23-Jul-14          | 7.70E-03         | 2.33E-03         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 9-Jul-14           | 2.84E-03         | 1.18E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 23-Jul-14          | 3.49E-03         | 1.12E-03         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 23-Jul-14          | 1.75E-03         | 1.04E-03         | No         |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 1.06E-03         | 9.84E-04         | No         |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 7.49E-04         | 9.54E-04         | No         |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 9.14E-04         | 9.81E-04         | No         |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | -1.04E-03        | 1.60E-03         | No         |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | 6.89E-03         | 2.19E-03         | Yes        |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | 3.51E-03         | 2.01E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 1.24E-03         | 9.68E-04         | No         |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 1.84E-03         | 1.05E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 1.88E-03         | 1.04E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | Sr-89/90       | 19-Jun-14          | 7.97E-05         | 7.86E-04         | No         |
| Hwy-301 Bridge Area         | Bass            | Sr-89/90       | 19-Jun-14          | 2.01E-03         | 9.54E-04         | No         |
| Hwy-301 Bridge Area         | Bass            | Sr-89/90       | 19-Jun-14          | 3.03E-03         | 9.62E-04         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Sr-89/90       | 19-Jun-14          | 1.16E-03         | 1.48E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | Sr-89/90       | 19-Jun-14          | 6.81E-03         | 1.88E-03         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Sr-89/90       | 19-Jun-14          | 5.57E-03         | 1.85E-03         | Yes        |

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|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Hwy-301 Bridge Area         | Catfish         | Sr-89/90       | 19-Jun-14          | 2.40E-03         | 9.59E-04         | No         |
| Hwy-301 Bridge Area         | Catfish         | Sr-89/90       | 19-Jun-14          | 1.84E-03         | 8.65E-04         | No         |
| Hwy-301 Bridge Area         | Catfish         | Sr-89/90       | 19-Jun-14          | 3.86E-03         | 9.73E-04         | Yes        |
| L3R Creek River Mouth       | Bass            | Sr-89/90       | 28-Apr-14          | 6.11E-03         | 1.32E-03         | Yes        |
| L3R Creek River Mouth       | Bass            | Sr-89/90       | 28-Apr-14          | 2.68E-03         | 1.10E-03         | No         |
| L3R Creek River Mouth       | Bass            | Sr-89/90       | 28-Apr-14          | 1.76E-03         | 1.00E-03         | No         |
| L3R Creek River Mouth       | Bream           | Sr-89/90       | 28-Apr-14          | 3.19E-04         | 1.84E-03         | No         |
| L3R Creek River Mouth       | Bream           | Sr-89/90       | 28-Apr-14          | 6.49E-04         | 1.79E-03         | No         |
| L3R Creek River Mouth       | Bream           | Sr-89/90       | 28-Apr-14          | 7.19E-03         | 2.70E-03         | Yes        |
| L3R Creek River Mouth       | Catfish         | Sr-89/90       | 21-May-14          | 2.76E-03         | 1.07E-03         | No         |
| L3R Creek River Mouth       | Catfish         | Sr-89/90       | 21-May-14          | 1.89E-03         | 1.02E-03         | No         |
| L3R Creek River Mouth       | Catfish         | Sr-89/90       | 21-May-14          | 1.96E-03         | 1.05E-03         | No         |
| Steel Creek River Mouth     | Bass            | Sr-89/90       | 16-Jun-14          | 5.57E-04         | 8.78E-04         | No         |
| Steel Creek River Mouth     | Bass            | Sr-89/90       | 23-Jun-14          | 7.57E-04         | 8.78E-04         | No         |
| Steel Creek River Mouth     | Bass            | Sr-89/90       | 23-Jun-14          | 2.73E-03         | 9.78E-04         | Yes        |
| Steel Creek River Mouth     | Bream           | Sr-89/90       | 16-Jun-14          | 2.53E-03         | 1.70E-03         | No         |
| Steel Creek River Mouth     | Bream           | Sr-89/90       | 16-Jun-14          | 5.30E-03         | 1.97E-03         | No         |
| Steel Creek River Mouth     | Bream           | Sr-89/90       | 16-Jun-14          | 2.19E-03         | 1.80E-03         | No         |
| Steel Creek River Mouth     | Catfish         | Sr-89/90       | 11-Jun-14          | 1.18E-03         | 9.22E-04         | No         |
| Steel Creek River Mouth     | Catfish         | Sr-89/90       | 16-Jun-14          | -7.78E-06        | 1.02E-03         | No         |
| Steel Creek River Mouth     | Catfish         | Sr-89/90       | 16-Jun-14          | -1.11E-03        | 6.30E-04         | No         |
| U3R Creek River Mouth       | Bass            | Sr-89/90       | 2-Apr-14           | 1.62E-03         | 1.10E-03         | No         |
| U3R Creek River Mouth       | Bass            | Sr-89/90       | 2-Apr-14           | 2.66E-03         | 1.15E-03         | No         |
| U3R Creek River Mouth       | Bass            | Sr-89/90       | 2-Apr-14           | 3.59E-03         | 1.25E-03         | Yes        |
| U3R Creek River Mouth       | Bream           | Sr-89/90       | 7-May-14           | 5.49E-03         | 2.36E-03         | No         |
| U3R Creek River Mouth       | Bream           | Sr-89/90       | 7-May-14           | 2.19E-03         | 2.08E-03         | No         |
| U3R Creek River Mouth       | Bream           | Sr-89/90       | 7-May-14           | 6.89E-03         | 2.41E-03         | Yes        |
| U3R Creek River Mouth       | Catfish         | Sr-89/90       | 2-Apr-14           | 1.19E-03         | 1.06E-03         | No         |
| U3R Creek River Mouth       | Catfish         | Sr-89/90       | 7-May-14           | 1.51E-03         | 1.08E-03         | No         |
| U3R Creek River Mouth       | Catfish         | Sr-89/90       | 7-May-14           | 1.85E-03         | 1.11E-03         | No         |
| <b>Nonedible</b>            |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 8.41E-01         | 8.38E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 8.43E-01         | 8.43E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Bass            | Sr-89/90       | 25-Jun-14          | 6.86E-01         | 7.84E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 9-Jul-14           | 8.43E-01         | 8.27E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 9-Jul-14           | 9.11E-01         | 8.89E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Sr-89/90       | 23-Jul-14          | 8.22E-01         | 8.19E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 9-Jul-14           | 7.62E-01         | 7.84E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 23-Jul-14          | 8.22E-01         | 8.22E-02         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Sr-89/90       | 23-Jul-14          | 9.92E-01         | 9.11E-02         | Yes        |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 1.75E+00         | 9.57E-02         | Yes        |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 2.66E+00         | 1.26E-01         | Yes        |
| Four Mile Creek River Mouth | Bass            | Sr-89/90       | 28-May-14          | 1.10E+00         | 8.05E-02         | Yes        |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | 9.22E-01         | 1.37E-01         | Yes        |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | 1.17E+00         | 1.65E-01         | Yes        |
| Four Mile Creek River Mouth | Bream           | Sr-89/90       | 28-May-14          | 1.12E+00         | 1.56E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 1.18E+00         | 1.56E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 1.26E+00         | 1.77E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Sr-89/90       | 14-May-14          | 9.05E-01         | 1.45E-01         | Yes        |

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

| <i>Location</i>                  | <i>TypeFish</i> | <i>Nuclide</i> | <i>CollectDate</i> | <i>SampleCon</i> | <i>SampleStd</i> | <i>Sig</i> |
|----------------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Hwy-301 Bridge Area              | Bass            | Sr-89/90       | 19-Jun-14          | 4.95E-01         | 9.81E-02         | Yes        |
| Hwy-301 Bridge Area              | Bass            | Sr-89/90       | 19-Jun-14          | 4.19E-01         | 9.41E-02         | Yes        |
| Hwy-301 Bridge Area              | Bass            | Sr-89/90       | 19-Jun-14          | 6.38E-01         | 1.11E-01         | Yes        |
| Hwy-301 Bridge Area              | Bream           | Sr-89/90       | 19-Jun-14          | 9.81E-01         | 1.29E-01         | Yes        |
| Hwy-301 Bridge Area              | Bream           | Sr-89/90       | 19-Jun-14          | 1.29E+00         | 1.78E-01         | Yes        |
| Hwy-301 Bridge Area              | Bream           | Sr-89/90       | 19-Jun-14          | 5.76E-01         | 1.03E-01         | Yes        |
| Hwy-301 Bridge Area              | Catfish         | Sr-89/90       | 19-Jun-14          | 7.68E-01         | 1.20E-01         | Yes        |
| Hwy-301 Bridge Area              | Catfish         | Sr-89/90       | 19-Jun-14          | 1.01E+00         | 1.63E-01         | Yes        |
| Hwy-301 Bridge Area              | Catfish         | Sr-89/90       | 19-Jun-14          | 1.17E+00         | 1.46E-01         | Yes        |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 7.54E-01         | 1.34E-01         | Yes        |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 6.76E-01         | 1.29E-01         | Yes        |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 1.04E+00         | 1.48E-01         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 9.35E-01         | 1.41E-01         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 5.11E-01         | 1.11E-01         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 7.68E-01         | 1.30E-01         | Yes        |
| L3R Creek River Mouth            | Catfish         | Sr-89/90       | 21-May-14          | 7.19E-01         | 1.30E-01         | Yes        |
| L3R Creek River Mouth            | Catfish         | Sr-89/90       | 21-May-14          | 8.11E-01         | 1.54E-01         | Yes        |
| L3R Creek River Mouth            | Catfish         | Sr-89/90       | 21-May-14          | 9.38E-01         | 1.40E-01         | Yes        |
| Steel Creek River Mouth          | Bass            | Sr-89/90       | 16-Jun-14          | 8.35E-01         | 1.28E-01         | Yes        |
| Steel Creek River Mouth          | Bass            | Sr-89/90       | 23-Jun-14          | 6.89E-01         | 1.18E-01         | Yes        |
| Steel Creek River Mouth          | Bass            | Sr-89/90       | 23-Jun-14          | 5.84E-01         | 1.11E-01         | Yes        |
| Steel Creek River Mouth          | Bream           | Sr-89/90       | 16-Jun-14          | 6.05E-01         | 1.11E-01         | Yes        |
| Steel Creek River Mouth          | Bream           | Sr-89/90       | 16-Jun-14          | 9.24E-01         | 1.33E-01         | Yes        |
| Steel Creek River Mouth          | Bream           | Sr-89/90       | 16-Jun-14          | 7.38E-01         | 1.21E-01         | Yes        |
| Steel Creek River Mouth          | Catfish         | Sr-89/90       | 11-Jun-14          | 1.00E+00         | 1.37E-01         | Yes        |
| Steel Creek River Mouth          | Catfish         | Sr-89/90       | 16-Jun-14          | 9.78E-01         | 1.39E-01         | Yes        |
| Steel Creek River Mouth          | Catfish         | Sr-89/90       | 16-Jun-14          | 8.54E-01         | 1.29E-01         | Yes        |
| U3R Creek River Mouth            | Bass            | Sr-89/90       | 2-Apr-14           | 7.86E-01         | 1.35E-01         | Yes        |
| U3R Creek River Mouth            | Bass            | Sr-89/90       | 2-Apr-14           | 1.01E+00         | 1.51E-01         | Yes        |
| U3R Creek River Mouth            | Bass            | Sr-89/90       | 2-Apr-14           | 8.68E-01         | 1.38E-01         | Yes        |
| U3R Creek River Mouth            | Bream           | Sr-89/90       | 7-May-14           | 1.02E+00         | 1.47E-01         | Yes        |
| U3R Creek River Mouth            | Bream           | Sr-89/90       | 7-May-14           | 1.09E+00         | 1.52E-01         | Yes        |
| U3R Creek River Mouth            | Bream           | Sr-89/90       | 7-May-14           | 7.46E-01         | 1.27E-01         | Yes        |
| U3R Creek River Mouth            | Catfish         | Sr-89/90       | 2-Apr-14           | 9.68E-01         | 1.48E-01         | Yes        |
| U3R Creek River Mouth            | Catfish         | Sr-89/90       | 7-May-14           | 9.14E-01         | 1.40E-01         | Yes        |
| U3R Creek River Mouth            | Catfish         | Sr-89/90       | 7-May-14           | 8.32E-01         | 1.28E-01         | Yes        |
|                                  |                 |                |                    |                  |                  |            |
| <b>Nonedible - Special Study</b> |                 |                |                    |                  |                  |            |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 7.70E-02         | 1.12E-02         | Yes        |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 6.11E-02         | 1.13E-02         | Yes        |
| L3R Creek River Mouth            | Bass            | Sr-89/90       | 28-Apr-14          | 6.41E-02         | 1.03E-02         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 9.97E-02         | 1.51E-02         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 1.22E-01         | 1.52E-02         | Yes        |
| L3R Creek River Mouth            | Bream           | Sr-89/90       | 28-Apr-14          | 1.61E-01         | 1.73E-02         | Yes        |
|                                  |                 |                |                    |                  |                  |            |
| <b>Edible</b>                    |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish)      | Bass            | I-129          | 25-Jun-14          | -6.11E-03        | 7.68E-03         | No         |
| Augusta Lock and Dam (Fish)      | Bass            | I-129          | 25-Jun-14          | 8.76E-03         | 8.49E-03         | No         |
| Augusta Lock and Dam (Fish)      | Bass            | I-129          | 25-Jun-14          | 9.05E-04         | 7.78E-03         | No         |



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| <i>Location</i>             | <i>TypeFish</i> | <i>Nuclide</i> | <i>CollectDate</i> | <i>SampleCon</i> | <i>SampleStd</i> | <i>Sig</i> |
|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Augusta Lock and Dam (Fish) | Bream           | I-129          | 9-Jul-14           | -1.32E-02        | 9.46E-03         | No         |
| Augusta Lock and Dam (Fish) | Bream           | I-129          | 9-Jul-14           | -1.49E-02        | 1.12E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | I-129          | 23-Jul-14          | -1.53E-02        | 9.43E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | I-129          | 9-Jul-14           | -3.08E-03        | 9.14E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | I-129          | 23-Jul-14          | -7.81E-04        | 8.32E-03         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | I-129          | 23-Jul-14          | 1.47E-03         | 9.00E-03         | No         |
| Four Mile Creek River Mouth | Bass            | I-129          | 28-May-14          | -4.97E-03        | 8.62E-03         | No         |
| Four Mile Creek River Mouth | Bass            | I-129          | 28-May-14          | -8.68E-03        | 1.04E-02         | No         |
| Four Mile Creek River Mouth | Bass            | I-129          | 28-May-14          | 1.13E-03         | 7.78E-03         | No         |
| Four Mile Creek River Mouth | Bream           | I-129          | 28-May-14          | 1.16E-03         | 1.03E-02         | No         |
| Four Mile Creek River Mouth | Bream           | I-129          | 28-May-14          | 1.10E-03         | 1.12E-02         | No         |
| Four Mile Creek River Mouth | Bream           | I-129          | 28-May-14          | -3.46E-02        | 9.84E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | I-129          | 14-May-14          | 2.76E-02         | 1.05E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | I-129          | 14-May-14          | 1.61E-02         | 9.11E-03         | No         |
| Four Mile Creek River Mouth | Catfish         | I-129          | 14-May-14          | 9.14E-04         | 7.65E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | I-129          | 19-Jun-14          | 2.81E-03         | 7.70E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | I-129          | 19-Jun-14          | -1.38E-02        | 7.78E-03         | No         |
| Hwy-301 Bridge Area         | Bass            | I-129          | 19-Jun-14          | -3.32E-03        | 7.78E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | I-129          | 19-Jun-14          | 8.51E-03         | 9.59E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | I-129          | 19-Jun-14          | -1.61E-02        | 9.27E-03         | No         |
| Hwy-301 Bridge Area         | Bream           | I-129          | 19-Jun-14          | 1.68E-02         | 1.06E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | I-129          | 19-Jun-14          | 3.14E-02         | 1.28E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | I-129          | 19-Jun-14          | 1.99E-02         | 8.32E-03         | No         |
| Hwy-301 Bridge Area         | Catfish         | I-129          | 19-Jun-14          | -6.43E-03        | 9.68E-03         | No         |
| L3R Creek River Mouth       | Bass            | I-129          | 28-Apr-14          | 4.49E-03         | 8.59E-03         | No         |
| L3R Creek River Mouth       | Bass            | I-129          | 28-Apr-14          | -5.03E-03        | 7.62E-03         | No         |
| L3R Creek River Mouth       | Bass            | I-129          | 28-Apr-14          | 1.85E-03         | 8.92E-03         | No         |
| L3R Creek River Mouth       | Bream           | I-129          | 28-Apr-14          | 2.78E-03         | 9.68E-03         | No         |
| L3R Creek River Mouth       | Bream           | I-129          | 28-Apr-14          | 7.19E-03         | 1.09E-02         | No         |
| L3R Creek River Mouth       | Bream           | I-129          | 28-Apr-14          | 5.30E-02         | 1.89E-02         | Yes        |
| L3R Creek River Mouth       | Catfish         | I-129          | 21-May-14          | 5.11E-04         | 1.30E-03         | No         |
| L3R Creek River Mouth       | Catfish         | I-129          | 21-May-14          | 1.76E-03         | 1.24E-03         | No         |
| L3R Creek River Mouth       | Catfish         | I-129          | 21-May-14          | 1.12E-03         | 1.29E-03         | No         |
| Steel Creek River Mouth     | Bass            | I-129          | 16-Jun-14          | -3.54E-03        | 7.57E-03         | No         |
| Steel Creek River Mouth     | Bass            | I-129          | 23-Jun-14          | 1.39E-02         | 8.81E-03         | No         |
| Steel Creek River Mouth     | Bass            | I-129          | 23-Jun-14          | -6.35E-03        | 7.59E-03         | No         |
| Steel Creek River Mouth     | Bream           | I-129          | 16-Jun-14          | -1.14E-02        | 9.78E-03         | No         |
| Steel Creek River Mouth     | Bream           | I-129          | 16-Jun-14          | -3.57E-03        | 9.49E-03         | No         |
| Steel Creek River Mouth     | Bream           | I-129          | 16-Jun-14          | -2.70E-03        | 1.07E-02         | No         |
| Steel Creek River Mouth     | Catfish         | I-129          | 11-Jun-14          | 1.77E-03         | 7.68E-03         | No         |
| Steel Creek River Mouth     | Catfish         | I-129          | 16-Jun-14          | 1.86E-03         | 7.76E-03         | No         |
| Steel Creek River Mouth     | Catfish         | I-129          | 16-Jun-14          | 2.76E-02         | 9.59E-03         | Yes        |
| U3R Creek River Mouth       | Bass            | I-129          | 2-Apr-14           | -1.81E-03        | 7.57E-03         | No         |
| U3R Creek River Mouth       | Bass            | I-129          | 2-Apr-14           | -2.05E-02        | 1.08E-02         | No         |
| U3R Creek River Mouth       | Bass            | I-129          | 2-Apr-14           | 2.21E-03         | 8.27E-03         | No         |
| U3R Creek River Mouth       | Bream           | I-129          | 7-May-14           | 9.11E-04         | 9.46E-03         | No         |
| U3R Creek River Mouth       | Bream           | I-129          | 7-May-14           | -8.19E-05        | 1.10E-02         | No         |
| U3R Creek River Mouth       | Bream           | I-129          | 7-May-14           | -2.19E-03        | 1.10E-02         | No         |
| U3R Creek River Mouth       | Catfish         | I-129          | 2-Apr-14           | 4.54E-04         | 7.46E-03         | No         |
| U3R Creek River Mouth       | Catfish         | I-129          | 7-May-14           | 8.03E-03         | 8.51E-03         | No         |
| U3R Creek River Mouth       | Catfish         | I-129          | 7-May-14           | 2.56E-03         | 7.70E-03         | No         |

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|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Tc-99          | 25-Jun-14          | -1.03E-02        | 2.62E-02         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Tc-99          | 25-Jun-14          | 1.70E-02         | 2.68E-02         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Tc-99          | 25-Jun-14          | 1.17E-02         | 2.65E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Tc-99          | 9-Jul-14           | 1.41E-02         | 2.67E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Tc-99          | 9-Jul-14           | -1.13E-02        | 2.64E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Tc-99          | 23-Jul-14          | -2.31E-02        | 2.62E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Tc-99          | 9-Jul-14           | 3.08E-02         | 2.70E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Tc-99          | 23-Jul-14          | 9.92E-03         | 2.68E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Tc-99          | 23-Jul-14          | 2.50E-02         | 2.70E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Tc-99          | 28-May-14          | 3.19E-02         | 2.31E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Tc-99          | 28-May-14          | 3.59E-02         | 2.32E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Tc-99          | 28-May-14          | 4.14E-02         | 2.32E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Tc-99          | 28-May-14          | 3.89E-02         | 2.32E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Tc-99          | 28-May-14          | 2.69E-02         | 2.30E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Tc-99          | 28-May-14          | 2.28E-02         | 2.31E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Tc-99          | 14-May-14          | 3.38E-02         | 2.31E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Tc-99          | 14-May-14          | 3.81E-02         | 2.32E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Tc-99          | 14-May-14          | 2.56E-02         | 2.30E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Tc-99          | 19-Jun-14          | 2.97E-02         | 2.35E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Tc-99          | 19-Jun-14          | 1.95E-02         | 2.33E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Tc-99          | 19-Jun-14          | 4.73E-02         | 2.36E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Tc-99          | 19-Jun-14          | 4.24E-02         | 2.36E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Tc-99          | 19-Jun-14          | 4.68E-02         | 2.38E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Tc-99          | 19-Jun-14          | 4.59E-02         | 2.36E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Tc-99          | 19-Jun-14          | 3.73E-02         | 2.35E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Tc-99          | 19-Jun-14          | 2.56E-02         | 2.34E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Tc-99          | 19-Jun-14          | 2.15E-02         | 2.33E-02         | No         |
| L3R Creek River Mouth       | Bass            | Tc-99          | 28-Apr-14          | 3.54E-02         | 2.25E-02         | No         |
| L3R Creek River Mouth       | Bass            | Tc-99          | 28-Apr-14          | 2.67E-02         | 2.22E-02         | No         |
| L3R Creek River Mouth       | Bass            | Tc-99          | 28-Apr-14          | 1.76E-02         | 2.20E-02         | No         |
| L3R Creek River Mouth       | Bream           | Tc-99          | 28-Apr-14          | 2.86E-02         | 2.22E-02         | No         |
| L3R Creek River Mouth       | Bream           | Tc-99          | 28-Apr-14          | 3.76E-02         | 2.24E-02         | No         |
| L3R Creek River Mouth       | Bream           | Tc-99          | 28-Apr-14          | 3.92E-02         | 2.24E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Tc-99          | 21-May-14          | 5.84E-02         | 2.26E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Tc-99          | 21-May-14          | 7.51E-02         | 2.31E-02         | Yes        |
| L3R Creek River Mouth       | Catfish         | Tc-99          | 21-May-14          | 3.51E-02         | 2.24E-02         | No         |
| Steel Creek River Mouth     | Bass            | Tc-99          | 16-Jun-14          | 4.11E-02         | 2.20E-02         | No         |
| Steel Creek River Mouth     | Bass            | Tc-99          | 23-Jun-14          | 4.27E-02         | 2.19E-02         | No         |
| Steel Creek River Mouth     | Bass            | Tc-99          | 23-Jun-14          | 4.32E-02         | 2.18E-02         | No         |
| Steel Creek River Mouth     | Bream           | Tc-99          | 16-Jun-14          | 5.08E-02         | 2.28E-02         | No         |
| Steel Creek River Mouth     | Bream           | Tc-99          | 16-Jun-14          | 8.84E-02         | 2.24E-02         | Yes        |
| Steel Creek River Mouth     | Bream           | Tc-99          | 16-Jun-14          | 2.76E-02         | 2.17E-02         | No         |
| Steel Creek River Mouth     | Catfish         | Tc-99          | 11-Jun-14          | 2.14E-02         | 2.14E-02         | No         |
| Steel Creek River Mouth     | Catfish         | Tc-99          | 16-Jun-14          | 2.89E-02         | 2.15E-02         | No         |
| Steel Creek River Mouth     | Catfish         | Tc-99          | 16-Jun-14          | 2.20E-02         | 2.17E-02         | No         |
| U3R Creek River Mouth       | Bass            | Tc-99          | 2-Apr-14           | 5.16E-02         | 2.33E-02         | No         |
| U3R Creek River Mouth       | Bass            | Tc-99          | 2-Apr-14           | 2.97E-02         | 2.29E-02         | No         |
| U3R Creek River Mouth       | Bass            | Tc-99          | 2-Apr-14           | 4.92E-02         | 2.32E-02         | No         |

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|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| U3R Creek River Mouth       | Bream           | Tc-99          | 7-May-14           | 6.38E-02         | 2.34E-02         | Yes        |
| U3R Creek River Mouth       | Bream           | Tc-99          | 7-May-14           | 3.38E-02         | 2.29E-02         | No         |
| U3R Creek River Mouth       | Bream           | Tc-99          | 7-May-14           | 4.38E-02         | 2.31E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Tc-99          | 2-Apr-14           | 4.92E-02         | 2.31E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Tc-99          | 7-May-14           | 2.76E-02         | 2.28E-02         | No         |
| U3R Creek River Mouth       | Catfish         | Tc-99          | 7-May-14           | 8.81E-02         | 2.37E-02         | Yes        |
|                             |                 |                |                    |                  |                  |            |
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Gross B        | 25-Jun-14          | 2.63E+00         | 1.79E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Bass            | Gross B        | 25-Jun-14          | 2.58E+00         | 1.77E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Bass            | Gross B        | 25-Jun-14          | 2.73E+00         | 1.82E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Gross B        | 9-Jul-14           | 1.82E+00         | 1.53E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Gross B        | 9-Jul-14           | 2.56E+00         | 1.76E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Bream           | Gross B        | 23-Jul-14          | 1.82E+00         | 1.53E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Gross B        | 9-Jul-14           | 3.19E+00         | 1.95E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Gross B        | 23-Jul-14          | 2.76E+00         | 1.82E-01         | Yes        |
| Augusta Lock and Dam (Fish) | Catfish         | Gross B        | 23-Jul-14          | 3.46E+00         | 2.02E-01         | Yes        |
| Four Mile Creek River Mouth | Bass            | Gross B        | 28-May-14          | 3.05E+00         | 2.36E-01         | Yes        |
| Four Mile Creek River Mouth | Bass            | Gross B        | 28-May-14          | 2.84E+00         | 2.28E-01         | Yes        |
| Four Mile Creek River Mouth | Bass            | Gross B        | 28-May-14          | 2.57E+00         | 2.18E-01         | Yes        |
| Four Mile Creek River Mouth | Bream           | Gross B        | 28-May-14          | 1.95E+00         | 1.93E-01         | Yes        |
| Four Mile Creek River Mouth | Bream           | Gross B        | 28-May-14          | 2.25E+00         | 2.06E-01         | Yes        |
| Four Mile Creek River Mouth | Bream           | Gross B        | 28-May-14          | 2.24E+00         | 2.05E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Gross B        | 14-May-14          | 2.89E+00         | 2.29E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Gross B        | 14-May-14          | 3.11E+00         | 2.36E-01         | Yes        |
| Four Mile Creek River Mouth | Catfish         | Gross B        | 14-May-14          | 3.05E+00         | 2.35E-01         | Yes        |
| Hwy-301 Bridge Area         | Bass            | Gross B        | 19-Jun-14          | 2.92E+00         | 2.28E-01         | Yes        |
| Hwy-301 Bridge Area         | Bass            | Gross B        | 19-Jun-14          | 3.05E+00         | 2.33E-01         | Yes        |
| Hwy-301 Bridge Area         | Bass            | Gross B        | 19-Jun-14          | 2.23E+00         | 2.03E-01         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Gross B        | 19-Jun-14          | 2.58E+00         | 2.16E-01         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Gross B        | 19-Jun-14          | 2.49E+00         | 2.14E-01         | Yes        |
| Hwy-301 Bridge Area         | Bream           | Gross B        | 19-Jun-14          | 2.68E+00         | 2.20E-01         | Yes        |
| Hwy-301 Bridge Area         | Catfish         | Gross B        | 19-Jun-14          | 3.00E+00         | 2.31E-01         | Yes        |
| Hwy-301 Bridge Area         | Catfish         | Gross B        | 19-Jun-14          | 3.22E+00         | 2.38E-01         | Yes        |
| Hwy-301 Bridge Area         | Catfish         | Gross B        | 19-Jun-14          | 3.30E+00         | 2.41E-01         | Yes        |
| L3R Creek River Mouth       | Bass            | Gross B        | 28-Apr-14          | 2.89E+00         | 2.30E-01         | Yes        |
| L3R Creek River Mouth       | Bass            | Gross B        | 28-Apr-14          | 2.86E+00         | 2.29E-01         | Yes        |
| L3R Creek River Mouth       | Bass            | Gross B        | 28-Apr-14          | 2.54E+00         | 2.17E-01         | Yes        |
| L3R Creek River Mouth       | Bream           | Gross B        | 28-Apr-14          | 2.46E+00         | 2.13E-01         | Yes        |
| L3R Creek River Mouth       | Bream           | Gross B        | 28-Apr-14          | 2.97E+00         | 2.33E-01         | Yes        |
| L3R Creek River Mouth       | Bream           | Gross B        | 28-Apr-14          | 2.86E+00         | 2.29E-01         | Yes        |
| L3R Creek River Mouth       | Catfish         | Gross B        | 21-May-14          | 3.41E+00         | 2.47E-01         | Yes        |
| L3R Creek River Mouth       | Catfish         | Gross B        | 21-May-14          | 2.86E+00         | 2.28E-01         | Yes        |
| L3R Creek River Mouth       | Catfish         | Gross B        | 21-May-14          | 3.11E+00         | 2.36E-01         | Yes        |
| Steel Creek River Mouth     | Bass            | Gross B        | 16-Jun-14          | 2.56E+00         | 2.15E-01         | Yes        |
| Steel Creek River Mouth     | Bass            | Gross B        | 23-Jun-14          | 3.00E+00         | 2.32E-01         | Yes        |
| Steel Creek River Mouth     | Bass            | Gross B        | 23-Jun-14          | 2.29E+00         | 2.06E-01         | Yes        |
| Steel Creek River Mouth     | Bream           | Gross B        | 16-Jun-14          | 1.93E+00         | 1.92E-01         | Yes        |
| Steel Creek River Mouth     | Bream           | Gross B        | 16-Jun-14          | 2.86E+00         | 2.26E-01         | Yes        |
| Steel Creek River Mouth     | Bream           | Gross B        | 16-Jun-14          | 2.16E+00         | 2.00E-01         | Yes        |

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| <i>Location</i>             | <i>TypeFish</i> | <i>Nuclide</i> | <i>CollectDate</i> | <i>SampleCon</i> | <i>SampleStd</i> | <i>Sig</i> |
|-----------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Steel Creek River Mouth     | Catfish         | Gross B        | 11-Jun-14          | 3.08E+00         | 2.34E-01         | Yes        |
| Steel Creek River Mouth     | Catfish         | Gross B        | 16-Jun-14          | 2.92E+00         | 2.28E-01         | Yes        |
| Steel Creek River Mouth     | Catfish         | Gross B        | 16-Jun-14          | 2.34E+00         | 2.07E-01         | Yes        |
| U3R Creek River Mouth       | Bass            | Gross B        | 2-Apr-14           | 3.03E+00         | 2.36E-01         | Yes        |
| U3R Creek River Mouth       | Bass            | Gross B        | 2-Apr-14           | 2.92E+00         | 2.31E-01         | Yes        |
| U3R Creek River Mouth       | Bass            | Gross B        | 2-Apr-14           | 2.92E+00         | 2.31E-01         | Yes        |
| U3R Creek River Mouth       | Bream           | Gross B        | 7-May-14           | 2.45E+00         | 2.13E-01         | Yes        |
| U3R Creek River Mouth       | Bream           | Gross B        | 7-May-14           | 2.95E+00         | 2.33E-01         | Yes        |
| U3R Creek River Mouth       | Bream           | Gross B        | 7-May-14           | 3.24E+00         | 2.41E-01         | Yes        |
| U3R Creek River Mouth       | Catfish         | Gross B        | 2-Apr-14           | 3.24E+00         | 2.42E-01         | Yes        |
| U3R Creek River Mouth       | Catfish         | Gross B        | 7-May-14           | 3.05E+00         | 2.36E-01         | Yes        |
| U3R Creek River Mouth       | Catfish         | Gross B        | 7-May-14           | 3.46E+00         | 2.48E-01         | Yes        |
| <b>Edible</b>               |                 |                |                    |                  |                  |            |
| Augusta Lock and Dam (Fish) | Bass            | Gross A        | 25-Jun-14          | 5.30E-02         | 4.22E-02         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Gross A        | 25-Jun-14          | 3.38E-02         | 3.81E-02         | No         |
| Augusta Lock and Dam (Fish) | Bass            | Gross A        | 25-Jun-14          | -8.43E-03        | 2.43E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Gross A        | 9-Jul-14           | 5.76E-02         | 4.57E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Gross A        | 9-Jul-14           | 1.24E-02         | 3.11E-02         | No         |
| Augusta Lock and Dam (Fish) | Bream           | Gross A        | 23-Jul-14          | 5.35E-02         | 4.24E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Gross A        | 9-Jul-14           | 5.38E-02         | 4.30E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Gross A        | 23-Jul-14          | 1.27E-02         | 3.19E-02         | No         |
| Augusta Lock and Dam (Fish) | Catfish         | Gross A        | 23-Jul-14          | -8.43E-03        | 2.37E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Gross A        | 28-May-14          | 6.16E-02         | 5.92E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Gross A        | 28-May-14          | -2.89E-03        | 3.70E-02         | No         |
| Four Mile Creek River Mouth | Bass            | Gross A        | 28-May-14          | 6.24E-02         | 5.89E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Gross A        | 28-May-14          | -1.31E-03        | 3.65E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Gross A        | 28-May-14          | 6.30E-02         | 5.89E-02         | No         |
| Four Mile Creek River Mouth | Bream           | Gross A        | 28-May-14          | -3.46E-02        | 1.82E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Gross A        | 14-May-14          | -2.95E-03        | 3.73E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Gross A        | 14-May-14          | 2.89E-02         | 4.92E-02         | No         |
| Four Mile Creek River Mouth | Catfish         | Gross A        | 14-May-14          | -3.59E-02        | 1.81E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Gross A        | 19-Jun-14          | 6.38E-02         | 5.46E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Gross A        | 19-Jun-14          | 3.32E-02         | 4.57E-02         | No         |
| Hwy-301 Bridge Area         | Bass            | Gross A        | 19-Jun-14          | -2.89E-02        | 1.14E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Gross A        | 19-Jun-14          | 2.21E-03         | 3.32E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Gross A        | 19-Jun-14          | 3.65E-02         | 4.95E-02         | No         |
| Hwy-301 Bridge Area         | Bream           | Gross A        | 19-Jun-14          | -2.92E-02        | 1.15E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Gross A        | 19-Jun-14          | 2.12E-03         | 3.38E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Gross A        | 19-Jun-14          | -2.95E-02        | 1.16E-02         | No         |
| Hwy-301 Bridge Area         | Catfish         | Gross A        | 19-Jun-14          | 6.65E-02         | 5.70E-02         | No         |
| L3R Creek River Mouth       | Bass            | Gross A        | 28-Apr-14          | 3.57E-02         | 4.84E-02         | No         |
| L3R Creek River Mouth       | Bass            | Gross A        | 28-Apr-14          | 2.89E-03         | 3.68E-02         | No         |
| L3R Creek River Mouth       | Bass            | Gross A        | 28-Apr-14          | 3.57E-02         | 4.76E-02         | No         |
| L3R Creek River Mouth       | Bream           | Gross A        | 28-Apr-14          | -2.89E-02        | 1.21E-02         | No         |
| L3R Creek River Mouth       | Bream           | Gross A        | 28-Apr-14          | 2.62E-03         | 3.62E-02         | No         |
| L3R Creek River Mouth       | Bream           | Gross A        | 28-Apr-14          | 6.78E-02         | 5.78E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Gross A        | 21-May-14          | 1.70E-03         | 3.51E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Gross A        | 21-May-14          | -2.95E-02        | 1.21E-02         | No         |
| L3R Creek River Mouth       | Catfish         | Gross A        | 21-May-14          | -3.08E-02        | 1.25E-02         | No         |

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|-------------------------|-----------------|----------------|--------------------|------------------|------------------|------------|
| Steel Creek River Mouth | Bass            | Gross A        | 16-Jun-14          | 2.22E-03         | 3.32E-02         | No         |
| Steel Creek River Mouth | Bass            | Gross A        | 23-Jun-14          | 6.84E-02         | 5.84E-02         | No         |
| Steel Creek River Mouth | Bass            | Gross A        | 23-Jun-14          | -3.05E-02        | 1.20E-02         | No         |
| Steel Creek River Mouth | Bream           | Gross A        | 16-Jun-14          | -3.43E-02        | 1.36E-02         | No         |
| Steel Creek River Mouth | Bream           | Gross A        | 16-Jun-14          | 2.11E-03         | 3.30E-02         | No         |
| Steel Creek River Mouth | Bream           | Gross A        | 16-Jun-14          | 2.32E-03         | 3.30E-02         | No         |
| Steel Creek River Mouth | Catfish         | Gross A        | 11-Jun-14          | 3.35E-02         | 4.59E-02         | No         |
| Steel Creek River Mouth | Catfish         | Gross A        | 16-Jun-14          | -2.95E-02        | 1.16E-02         | No         |
| Steel Creek River Mouth | Catfish         | Gross A        | 16-Jun-14          | 2.30E-03         | 3.32E-02         | No         |
| U3R Creek River Mouth   | Bass            | Gross A        | 2-Apr-14           | 7.19E-02         | 6.14E-02         | No         |
| U3R Creek River Mouth   | Bass            | Gross A        | 2-Apr-14           | 3.59E-02         | 4.86E-02         | No         |
| U3R Creek River Mouth   | Bass            | Gross A        | 2-Apr-14           | 6.97E-02         | 5.95E-02         | No         |
| U3R Creek River Mouth   | Bream           | Gross A        | 7-May-14           | 3.35E-03         | 3.49E-02         | No         |
| U3R Creek River Mouth   | Bream           | Gross A        | 7-May-14           | 1.05E-01         | 6.95E-02         | No         |
| U3R Creek River Mouth   | Bream           | Gross A        | 7-May-14           | -3.11E-02        | 1.25E-02         | No         |
| U3R Creek River Mouth   | Catfish         | Gross A        | 2-Apr-14           | 1.00E-01         | 6.68E-02         | No         |
| U3R Creek River Mouth   | Catfish         | Gross A        | 7-May-14           | 1.00E-01         | 6.65E-02         | No         |
| U3R Creek River Mouth   | Catfish         | Gross A        | 7-May-14           | 1.62E-03         | 3.51E-02         | No         |