

# Table C.1 - Split Sample Results

| SDG  | Sample ID   | Split<br>Sample ID | Analysis | Parameter    | mg/kg     | Flag | mg/kg     | Flag | Relative<br>Percent<br>Difference |
|------|-------------|--------------------|----------|--------------|-----------|------|-----------|------|-----------------------------------|
| AP01 | CMS-602-A   | CMS-602-A-QC       | 8280     | 2,3,7,8-TCDD | 0.0038    |      | 0.00316   |      | 18.39                             |
| AP02 | CMS-611-A   | CMS-611-A-QC       | 8280     | 2,3,7,8-TCDD | 0.002     | J    | 0.000221  |      | 160.20                            |
| AP03 | CMS-617-A   | CMS-617-A-QC       | 8280     | 2,3,7,8-TCDD | 0.012     |      | 0.00256   |      | 129.67                            |
| GP01 | CMS-153-B   | CMS-153-B-QC       | 8280     | 2,3,7,8-TCDD | 0.0001    | J    | 0.0000248 | U    | 120.51                            |
| GP02 | CMS-404-A   | CMS-404-A-QC       | 8280     | 2,3,7,8-TCDD | 0.000083  | J    | 0.000219  |      | -90.07                            |
| GP03 | CMS-410-E   | CMS-410-E-QC       | 8280     | 2,3,7,8-TCDD | 0.00029   | U    | 0.000449  |      | -43.03                            |
| GP04 | CMS-405-C   | CMS-405-C-QC       | 8280     | 2,3,7,8-TCDD | 0.0001    | U    | 0.0000271 |      | 114.71                            |
| GP05 | CMS-409-F   | CMS-409-F-QC       | 8280     | 2,3,7,8-TCDD | 0.0000036 | U    | 0.0000113 | U    | 0.00                              |
| GP06 | CMS-416-D   | CMS-416-D-QC       | 8280     | 2,3,7,8-TCDD | 0.0000057 | U    | 0.000006  | U    | 0.00                              |
| GP07 | CMS-142-A   | CMS-142-A-QC       | 8280     | 2,3,7,8-TCDD | 0.00069   | J    | 0.00205   |      | -99.27                            |
| GP08 | CMS-406-C   | CMS-406-C-QC       | 8280     | 2,3,7,8-TCDD | 0.0000054 | U    | 0.0000407 |      | -153.15                           |
| GP09 | CMS-060-A   | CMS-060-A-QC       | 8280     | 2,3,7,8-TCDD | 0.00082   | J    | 0.000491  |      | 50.19                             |
| GP10 | CMS-069-B   | CMS-069-B-QC       | 8280     | 2,3,7,8-TCDD | 0.00017   | J    | 0.000271  |      | -45.80                            |
| GP11 | CMS-420-C   | CMS-420-C-QC       | 8280     | 2,3,7,8-TCDD | 0.0029    | U    | 0.0006429 | U    | 0.00                              |
| GP12 | CMS-162-D   | CMS-162-D-QC       | 8280     | 2,3,7,8-TCDD | 0.00086   | J    | 0.000624  |      | 31.81                             |
| GP13 | CMS-419-B   | CMS-419-B-QC       | 8280     | 2,3,7,8-TCDD | 0.00012   | U    | 0.0001539 | UJ   | 0.00                              |
| GP14 | CMS-426-C   | CMS-426-C-QC       | 8280     | 2,3,7,8-TCDD | 0.0082    |      | 0.00431   |      | 62.19                             |
| GP15 | CMS-421-C   | CMS-421-C-QC       | 8280     | 2,3,7,8-TCDD | 0.00032   | U    | 0.0000491 | U    | 0.00                              |
| GP16 | CMS-432-C   | CMS-432-C-QC       | 8280     | 2,3,7,8-TCDD | 0.000036  | U    | 0.0000281 |      | 24.65                             |
| GP17 | CMS-455-F   | CMS-455-F-QC       | 8280     | 2,3,7,8-TCDD | 0.00014   | U    | 0.000146  |      | -4.20                             |
| GP18 | CMS-428-E   | CMS-428-E-QC       | 8280     | 2,3,7,8-TCDD | 0.000027  | U    | 0.0000083 |      | 0.00                              |
| GP19 | CMS-453-D   | CMS-453-D-QC       | 8280     | 2,3,7,8-TCDD | 0.011     | J    | 0.0429    |      | -118.37                           |
| HA01 | CMS-161-B   | CMS-161-B-QC       | 8280     | 2,3,7,8-TCDD | 0.000071  | J    | 0.000124  |      | -54.36                            |
| HA02 | CMS-147-C   | CMS-147-C-QC       | 8280     | 2,3,7,8-TCDD | 0.006     | U    | 0.000336  |      | 178.79                            |
| HA03 | CMS-177-A   | CMS-177-A-QC       | 8280     | 2,3,7,8-TCDD | 0.01      |      | 0.0226    |      | -77.30                            |
| HA04 | CMS-150-A   | CMS-150-A-QC       | 8280     | 2,3,7,8-TCDD | 0.00021   | J    | 0.000611  |      | -97.69                            |
| HA05 | CMS-193-A   | CMS-193-A-QC       | 8280     | 2,3,7,8-TCDD | 0.0072    |      | 0.00522   |      | 31.88                             |
| HA06 | CMS-191-A   | CMS-191-A-QC       | 8280     | 2,3,7,8-TCDD | 0.0054    | J    | 0.0259    |      | -130.99                           |
| HA07 | CMS-214-B   | CMS-214-B-QC       | 8280     | 2,3,7,8-TCDD | 0.00013   | J    | 0.000391  |      | -100.19                           |
| HA08 | CMS-435-A   | CMS-435-A-QC       | 8280     | 2,3,7,8-TCDD | 0.000042  | J    | 0.0000566 |      | -29.61                            |
| HA09 | CMS-019-B   | CMS-019-B-QC       | 8280     | 2,3,7,8-TCDD | 0.000031  | U    | 0.0000097 | U    | 0.00                              |
| HA10 | CMS-023-B   | CMS-023-B-QC       | 8280     | 2,3,7,8-TCDD | 0.027     | J    | 0.02809   |      | -3.96                             |
| HA11 | CMS-215-C-1 | CMS-215-C-1-Q      | 8280     | 2,3,7,8-TCDD | 0.000013  | U    | 0.000022  |      | -51.43                            |

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| SDG  | Split     |              | Analysis | Parameter          | mg/kg      | Flag | mg/kg      | Flag | Relative Percent Difference |
|------|-----------|--------------|----------|--------------------|------------|------|------------|------|-----------------------------|
|      | Sample ID | Sample ID    |          |                    |            |      |            |      |                             |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,4,6,7,8-HpDD | 0.0018     | J    | 0.00245    |      | -30.59                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,4,6,7,8-HpDF | 0.00076    | J    | 0.000364   |      | 70.46                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,4,7,8,9-HpDF | 0.000032   |      | 0.0000224  |      | 35.29                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,4,7,8-HxDD   | 0.000033   | J    | 0.0000333  |      | -0.90                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,4,7,8-HxDF   | 0.00009    |      | 0.0000471  |      | 62.58                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,6,7,8-HxDD   | 0.0001     | J    | 0.0000911  |      | 9.31                        |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,6,7,8-HxDF   | 0.000078   | J    | 0.0000393  |      | 65.98                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,7,8,9-HxDD   | 0.000095   | J    | 0.000079   |      | 18.39                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,7,8,9-HxDF   | 0.0000027  | U    | 0.0000126  |      | -129.41                     |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,7,8-PeDD     | 0.000031   | J    | 0.000044   |      | -34.67                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 1,2,3,7,8-PeDF     | 0.00002    |      | 0.0000141  |      | -34.60                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 2,3,4,6,7,8-HxDF   | 0.000037   |      | 0.0000514  |      | -32.58                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 2,3,4,7,8-PeDF     | 0.000038   | J    | 0.0000845  |      | -75.92                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 2,3,7,8-TCDD       | 0.026      | J    | 0.0342     | J    | -27.24                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | 2,3,7,8-TCDF       | 0.000052   | J    | 0.0000723  |      | -32.66                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | OCDD               | 0.013      | J    | 0.0149     | J    | -13.62                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | OCDF               | 0.0008     |      | 0.00058    |      | 31.88                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total HpCDDs       | 0.0033     |      | 0.00421    |      | -24.23                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total HpCDFs       | 0.0015     |      | 0.000793   |      | 61.67                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total HxCDDs       | 0.00078    |      | 0.000714   |      | 8.84                        |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total HxCDFs       | 0.0015     |      | 0.00102    |      | 38.10                       |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total PeCDDs       | 0.00017    |      | 0.000285   |      | -50.55                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total PeCDFs       | 0.0015     |      | 0.00147    | J    | 2.02                        |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total TCDDs        | 0.027      |      | 0.0351     |      | -26.09                      |
| AD01 | AD-04-A   | AD-04-A-QC   | 8290     | Total TCDFs        | 0.0015     |      | 0.00218    | J    | -36.96                      |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,4,6,7,8-HpDD | 0.0000442  |      | 0.000024   |      | 59.24                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,4,6,7,8-HpDF | 0.0000152  |      | 0.000012   |      | 23.53                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,4,7,8,9-HpDF | 0.00000882 |      | 0.00000081 | U    | 8.51                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,4,7,8-HxDD   | 0.00000752 |      | 0.00000042 | U    | 56.66                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,4,7,8-HxDF   | 0.00000262 |      | 0.0000035  |      | -28.76                      |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,6,7,8-HxDD   | 0.00000314 | UJ   | 0.0000021  | U    | 0.00                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,6,7,8-HxDF   | 0.00000332 |      | 0.0000033  | J    | 0.60                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,7,8,9-HxDD   | 0.00000196 | UJ   | 0.0000017  | U    | 0.00                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,7,8,9-HxDF   | 0.00000908 |      | 0.00000038 | U    | 81.99                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,7,8-PeDD     | 0.00000102 | UJ   | 0.00000097 | UJ   | 0.00                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 1,2,3,7,8-PeDF     | 0.00000155 |      | 0.0000016  | U    | -3.17                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 2,3,4,6,7,8-HxDF   | 0.00000657 |      | 0.0000041  |      | 46.30                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 2,3,4,7,8-PeDF     | 0.000012   |      | 0.0000026  | U    | 128.77                      |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 2,3,7,8-TCDD       | 0.000016   |      | 0.000015   |      | 6.45                        |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | 2,3,7,8-TCDF       | 0.0000034  |      | 0.0000026  |      | 26.67                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | OCDD               | 0.00028    |      | 0.00014    |      | 66.67                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | OCDF               | 0.0000181  |      | 0.000011   | J    | 48.80                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | Total HpCDDs       | 0.0000795  | J    | 0.000043   | J    | 59.59                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | Total HpCDFs       | 0.0000298  | J    | 0.000022   | J    | 30.12                       |
| HA12 | CMS-463-A | CMS-463-A-QC | 8290     | Total HxCDDs       | 0.0000305  | UJ   | 0.000011   | J    | 93.98                       |

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|------|-----------|--------------------|----------|--------------------|------------|------|-----------|------|-----------------------------------|
| HA12 | CMS-463-A | CMS-463-A-QC       | 8290     | Total HxCDFs       | 0.000083   | J    | 0.000067  | J    | 21.33                             |
| HA12 | CMS-463-A | CMS-463-A-QC       | 8290     | Total PeCDDs       | 0.0000157  | UJ   | 0.0000025 | UJ   | 0.00                              |
| HA12 | CMS-463-A | CMS-463-A-QC       | 8290     | Total PeCDFs       | 0.000155   | J    | 0.00014   | J    | 10.17                             |
| HA12 | CMS-463-A | CMS-463-A-QC       | 8290     | Total TCDDs        | 0.0000269  | J    | 0.000025  | J    | 7.32                              |
| HA12 | CMS-463-A | CMS-463-A-QC       | 8290     | Total TCDFs        | 0.0000927  | J    | 0.000088  | J    | 5.20                              |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,4,6,7,8-HpDD | 0.000286   |      | 0.00087   | J    | -101.04                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,4,6,7,8-HpDF | 0.000191   |      | 0.00027   | J    | -34.27                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,4,7,8,9-HpDF | 0.00000879 |      | 0.000014  | J    | -45.72                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,4,7,8-HxCDD  | 0.00000517 |      | 0.000012  | J    | -79.56                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,4,7,8-HxCDF  | 0.0000152  |      | 0.000034  | J    | -76.42                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,6,7,8-HxCDD  | 0.0000173  |      | 0.000049  | J    | -95.63                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,6,7,8-HxCDF  | 0.0000159  |      | 0.000027  | J    | -51.75                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,7,8,9-HxCDD  | 0.0000117  |      | 0.000041  | J    | -111.20                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,7,8,9-HxCDF  | 0.00000229 |      | 0.0000082 | UJ   | 94.53                             |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,7,8-PeDD     | 0.0000106  |      | 0.000016  | J    | -40.60                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 1,2,3,7,8-PeDF     | 0.00000494 |      | 0.0000094 | UJ   | -62.20                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 2,3,4,6,7,8-HxCDF  | 0.000018   |      | 0.000017  | J    | 5.71                              |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 2,3,4,7,8-PeDF     | 0.0000255  |      | 0.000019  | J    | 29.21                             |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 2,3,7,8-TCDD       | 0.00273    | J    | 0.0088    | J    | -105.29                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | 2,3,7,8-TCDF       | 0.0000145  |      | 0.000024  | J    | -49.35                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | OCDD               | 0.0018     | J    | 0.0055    | J    | -101.37                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | OCDF               | 0.000203   |      | 0.00033   | J    | -47.65                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total HpCDDs       | 0.000511   | J    | 0.0016    | J    | -103.17                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total HpCDFs       | 0.000353   | J    | 0.00056   | J    | -45.35                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total HxCDDs       | 0.000129   | J    | 0.00033   | J    | -87.58                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total HxCDFs       | 0.000346   | J    | 0.00056   | J    | -47.24                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total PeCDDs       | 0.000061   | J    | 0.000081  | J    | -28.17                            |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total PeCDFs       | 0.000213   | J    | 0.00081   | J    | -116.72                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total TCDDs        | 0.00283    | J    | 0.0091    | J    | -105.11                           |
| HA13 | CMS-477-C | CMS-477-C-QC       | 8290     | Total TCDFs        | 0.000361   | J    | 0.0011    | J    | -101.16                           |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,4,6,7,8-HpDD | 0.0000328  |      | 0.000061  |      | -60.13                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,4,6,7,8-HpDF | 0.0000274  |      | 0.000051  |      | -60.20                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,4,7,8,9-HpDF | 0.00000236 |      | 0.0000035 |      | -38.91                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,4,7,8-HxCDD  | 0.00000154 |      | 0.0000016 | U    | -3.82                             |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,4,7,8-HxCDF  | 0.00000614 |      | 0.000012  |      | -64.61                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,6,7,8-HxCDD  | 0.00000648 |      | 0.00001   |      | -42.72                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,6,7,8-HxCDF  | 0.0000138  |      | 0.00002   |      | -36.69                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,7,8,9-HxCDD  | 0.00000361 |      | 0.0000061 |      | -51.29                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,7,8,9-HxCDF  | 0.00000366 |      | 0.0000004 | U    | 160.59                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,7,8-PeDD     | 0.00000189 |      | 0.0000027 | U    | -35.29                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 1,2,3,7,8-PeDF     | 0.00000168 | U    | 0.0000038 |      | -77.37                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 2,3,4,6,7,8-HxCDF  | 0.0000388  |      | 0.00002   |      | 63.95                             |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 2,3,4,7,8-PeDF     | 0.0000783  |      | 0.000016  |      | 132.13                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 2,3,7,8-TCDD       | 0.00000415 | UJ   | 0.0000044 |      | -165.52                           |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | 2,3,7,8-TCDF       | 0.00000365 |      | 0.0000076 |      | -70.22                            |

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| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | OCDD               | 0.00014    | J    | 0.00043    | J    | -101.75                           |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | OCDF               | 0.0000328  |      | 0.000062   | J    | -61.60                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total HpCDDs       | 0.0000663  | J    | 0.00013    | J    | -64.90                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total HpCDFs       | 0.000065   | J    | 0.00013    | J    | -66.67                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total HxCDDs       | 0.0000618  | J    | 0.000086   | J    | -32.75                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total HxCDFs       | 0.000466   | J    | 0.00064    | J    | -31.46                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total PeCDDs       | 0.0000254  | J    | 0.000015   | J    | 51.49                             |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total PeCDFs       | 0.00085    | J    | 0.00096    | J    | -12.15                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total TCDDs        | 0.00000829 | J    | 0.000024   | J    | -97.31                            |
| HA14 | CMS-484-C | CMS-484-C-QC       | 8290     | Total TCDFs        | 0.000397   | J    | 0.00049    | J    | -20.97                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,4,6,7,8-HpDD | 0.0000519  |      | 0.000052   |      | -0.19                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,4,6,7,8-HpDF | 0.0000302  |      | 0.000042   |      | -32.69                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,4,7,8,9-HpDF | 0.0000017  |      | 0.0000023  | U    | -30.00                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,4,7,8-HxDD   | 0.00000878 |      | 0.00000071 | U    | 21.16                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,4,7,8-HxDF   | 0.00000207 |      | 0.0000043  |      | -70.02                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,6,7,8-HxDD   | 0.00000238 |      | 0.0000025  | U    | -4.92                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,6,7,8-HxDF   | 0.00000251 |      | 0.0000038  | J    | -40.89                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,7,8,9-HxDD   | 0.00000185 |      | 0.0000023  | U    | -21.69                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,7,8,9-HxDF   | 0.00000583 | U    | 0.00000082 | U    | 0.00                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,7,8-PeDD     | 0.00000835 | J    | 0.0000013  | UJ   | -43.56                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 1,2,3,7,8-PeDF     | 0.00000716 |      | 0.00000074 | U    | -3.30                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 2,3,4,6,7,8-HxDF   | 0.00000226 |      | 0.0000021  | U    | 7.34                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 2,3,4,7,8-PeDF     | 0.00000252 |      | 0.0000014  | U    | 57.14                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 2,3,7,8-TCDD       | 0.000307   |      | 0.00045    |      | -37.78                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | 2,3,7,8-TCDF       | 0.00000222 |      | 0.0000021  |      | 5.56                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | OCDD               | 0.000336   |      | 0.00035    |      | -4.08                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | OCDF               | 0.0000395  |      | 0.000037   | J    | 6.54                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total HpCDDs       | 0.0000971  | J    | 0.000096   | J    | 1.14                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total HpCDFs       | 0.0000564  | J    | 0.000073   | J    | -25.66                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total HxCDDs       | 0.0000213  | J    | 0.000014   | J    | 41.36                             |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total HxCDFs       | 0.0000475  | J    | 0.000058   | J    | -19.91                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total PeCDDs       | 0.00000383 | J    | 0.0000036  | J    | 6.19                              |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total PeCDFs       | 0.0000482  | J    | 0.000055   | J    | -13.18                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total TCDDs        | 0.000318   | J    | 0.00046    | J    | -36.50                            |
| HA15 | CMS-490-B | CMS-490-B-QC       | 8290     | Total TCDFs        | 0.0000477  | J    | 0.000068   | J    | -35.09                            |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,4,6,7,8-HpDD | 0.000021   | EB   | 0.000019   |      | 10.00                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,4,6,7,8-HpDF | 0.0000124  |      | 0.000011   |      | 11.97                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,4,7,8,9-HpDF | 0.00000156 |      | 0.0000014  |      | 10.81                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,4,7,8-HxDD   | 0.00000957 |      | 0.00000069 |      | 32.42                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,4,7,8-HxDF   | 0.00000453 |      | 0.000008   |      | -55.39                            |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,6,7,8-HxDD   | 0.0000019  |      | 0.0000015  |      | 23.53                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,6,7,8-HxDF   | 0.00000332 |      | 0.0000033  | J    | 0.60                              |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,7,8,9-HxDD   | 0.00000152 |      | 0.0000023  |      | -40.84                            |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,7,8,9-HxDF   | 0.00000996 |      | 0.00000043 |      | 79.38                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,7,8-PeDD     | 0.00000972 |      | 0.0000019  |      | -64.62                            |

# Table C.1 - Split Sample Results

| SDG  | Sample ID | Split<br>Sample ID | Analysis | Parameter        | mg/kg      | Flag | mg/kg     | Flag | Relative<br>Percent<br>Difference |
|------|-----------|--------------------|----------|------------------|------------|------|-----------|------|-----------------------------------|
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 1,2,3,7,8-PeDF   | 0.00000405 |      | 0.0000036 | J    | 11.76                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 2,3,4,6,7,8-HxDF | 0.00000379 |      | 0.000003  | J    | 23.27                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 2,3,4,7,8-PeDF   | 0.0000066  |      | 0.0000046 | J    | 35.71                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 2,3,7,8-TCDD     | 0.0000259  |      | 0.000028  |      | -7.79                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | 2,3,7,8-TCDF     | 0.0000104  |      | 0.000011  | CON  | -5.61                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | OCDD             | 0.00013    |      | 0.00011   |      | 16.67                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | OCDF             | 0.0000157  |      | 0.000013  |      | 18.82                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total HpCDDs     | 0.0000408  | JEB  | 0.000036  |      | 12.50                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total HpCDFs     | 0.0000213  | J    | 0.000017  |      | 22.45                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total HxCDDs     | 0.0000204  | JEB  | 0.000014  |      | 37.21                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total HxCDFs     | 0.0000453  | J    | 0.000041  |      | 9.97                              |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total PeCDDs     | 0.0000132  | JEB  | 0.000003  |      | 125.93                            |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total PeCDFs     | 0.000075   | J    | 0.000063  |      | 17.39                             |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total TCDDs      | 0.0000449  | J    | 0.00005   |      | -10.75                            |
| HA16 | CMS-504-A | CMS-504-A-QC       | 8290     | Total TCDFs      | 0.000102   | J    | 0.00012   |      | -16.22                            |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter  | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|------------|-------|------|-------|------|-----------------------------------|
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Arsenic    | 76.5  | U    | 75.7  | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Barium     | 212   |      | 209   |      | 1.43                              |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Cadmium    | 4.3   |      | 5.5   |      | -24.49                            |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Chromium   | 382   | J    | 354   | J    | 7.61                              |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Lead       | 629   |      | 528   |      | 17.46                             |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Selenium   | 63.7  | U    | 63.1  | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 6010B    | Silver     | 8.9   | J    | 3.7   | J    | 82.54                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Aluminum   | 7940  | J    | 3220  | J    | 84.59                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Antimony   | 1.5   | J    | 5.2   | J    | -110.45                           |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Arsenic    | 5.8   | J    | 12.9  | J    | -75.94                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Barium     | 210   | J    | 246   | J    | -15.79                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Beryllium  | 0.46  | J    | 0.28  | J    | 48.65                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Cadmium    | 11.5  |      | 10.6  |      | 8.14                              |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Calcium    | 18100 | J    | 1930  | J    | 161.46                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Chromium   | 62.4  | J    | 51.0  | J    | 20.11                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Cobalt     | 8.3   | J    | 8.3   | J    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Copper     | 147   |      | 206   |      | -33.43                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Iron       | 30500 |      | 23800 |      | 24.68                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Lead       | 306   | J    | 450   | J    | -38.10                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Magnesium  | 2730  |      | 898   | J    | 100.99                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Manganese  | 453   | J    | 336   | J    | 29.66                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Molybdenum | 4.2   | J    | 7.6   |      | -57.63                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Nickel     | 32.2  |      | 41.2  |      | -24.52                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Potassium  | 839   | J    | 396   | J    | 71.74                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Selenium   | 2.3   | J    | 3.2   | J    | -32.73                            |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Silver     | 3.8   |      | 17.7  |      | -129.30                           |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Sodium     | 310   | J    | 342   | J    | -9.82                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Thallium   | 383   | U    | 375   | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Vanadium   | 21.5  |      | 15.0  |      | 35.62                             |
| GP04 | CMS-405-B | GP04-FD                | 6010B    | Zinc       | 3270  |      | 1770  |      | 59.52                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Aluminum   | 4730  |      | 4510  |      | 4.76                              |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Antimony   | 0.61  | J    | 10.0  | U    | -177.00                           |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Arsenic    | 4.4   | J    | 3.4   | J    | 25.64                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Barium     | 21.8  | J    | 19.0  | J    | 13.73                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Beryllium  | 0.53  | J    | 0.55  | J    | -3.70                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Cadmium    | 0.47  | U    | 0.49  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Calcium    | 565   | J    | 467   | J    | 18.99                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Chromium   | 33.3  | J    | 22.1  | J    | 40.43                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Cobalt     | 1.6   | J    | 1.3   | J    | 20.69                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Copper     | 18.5  | J    | 13.1  | J    | 34.18                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Iron       | 8820  |      | 7450  |      | 16.84                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Lead       | 95.8  | J    | 66.7  | J    | 35.82                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Magnesium  | 570   | J    | 458   | J    | 21.79                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Manganese  | 82.9  |      | 69.8  |      | 17.16                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Molybdenum | 2.7   | J    | 2.2   | J    | 20.41                             |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter  | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|------------|-------|------|-------|------|-----------------------------------|
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Nickel     | 5.1   | J    | 4.0   | J    | 24.18                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Potassium  | 266   | J    | 225   | J    | 16.70                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Selenium   | 1.5   | J    | 1.0   | J    | 40.00                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Silver     | 0.33  | J    | 1.7   | U    | -134.98                           |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Sodium     | 77.6  | J    | 68.7  | J    | 12.17                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Thallium   | 349   | U    | 334   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Vanadium   | 22.6  | J    | 15.7  | J    | 36.03                             |
| GP07 | CMS-142-A | GP07-FD                | 6010B    | Zinc       | 55.3  | J    | 59.4  | J    | -7.15                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Aluminum   | 5190  |      | 5360  |      | -3.22                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Antimony   |       | R    |       | R    | NA                                |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Arsenic    | 7.6   | J    | 7.7   | J    | -1.31                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Barium     | 40.2  |      | 62.5  |      | -43.43                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Beryllium  | 0.66  | J    | 1.3   | J    | -65.31                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Cadmium    | 0.21  | J    | 0.52  | J    | -84.93                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Calcium    | 749   | J    | 1040  | J    | -32.53                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Chromium   | 11.0  |      | 12.0  |      | -8.70                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Cobalt     | 4.4   | J    | 4.6   | J    | -4.44                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Copper     | 28.4  | J    | 85.7  | J    | -100.44                           |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Iron       | 12300 | J    | 12200 |      | 0.82                              |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Lead       | 35.7  |      | 65.3  | J    | -58.61                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Magnesium  | 1530  |      | 1290  |      | 17.02                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Manganese  | 271   |      | 214   |      | 23.51                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Molybdenum | 2.3   | J    | 2.1   | J    | 9.09                              |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Nickel     | 8.8   |      | 9.6   |      | -8.70                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Potassium  | 1160  |      | 898   |      | 25.46                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Selenium   | 0.67  | J    | 0.55  | J    | 19.67                             |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Silver     | 1.0   | U    | 1.1   | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Sodium     | 63.3  | J    | 96.6  | J    | -41.65                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Thallium   | 205   | U    | 212   | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Vanadium   | 15.6  |      | 20.2  |      | -25.70                            |
| GP09 | CMS-060-A | GP09-FD                | 6010B    | Zinc       | 53.2  |      | 72.9  |      | -31.25                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Aluminum   | 7610  |      | 8110  |      | -6.36                             |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Antimony   | 6.7   | UJ   | 7.2   | UJ   | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Arsenic    | 5.6   | J    | 5.2   | J    | 7.41                              |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Barium     | 68.4  |      | 108   |      | -44.90                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Beryllium  | 0.67  |      | 0.73  |      | -8.57                             |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Cadmium    | 3.7   | J    | 4.1   | J    | -10.26                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Calcium    | 1050  |      | 1350  |      | -25.00                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Chromium   | 12.6  | J    | 28.5  | J    | -77.37                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Cobalt     | 3.7   | J    | 4.3   | J    | -15.00                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Copper     | 17.4  | J    | 39.1  | J    | -76.81                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Iron       | 24600 |      | 16600 |      | 38.83                             |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Lead       | 55.3  | J    | 101   | J    | -58.48                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Magnesium  | 1160  | J    | 1730  | J    | -39.45                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Manganese  | 274   |      | 225   |      | 19.64                             |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter  | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|------------|-------|------|-------|------|-----------------------------------|
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Molybdenum | 2.4   | J    | 3.3   | J    | -31.58                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Nickel     | 5.8   |      | 9.5   |      | -48.37                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Potassium  | 2140  | J    | 1060  | J    | 67.50                             |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Selenium   | 1.9   | J    | 1.0   | J    | 62.07                             |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Silver     | 1.1   | U    | 0.20  | J    | 138.46                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Sodium     | 101   | J    | 101   | J    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Thallium   | 224   | U    | 239   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Vanadium   | 14.7  |      | 17.1  |      | -15.09                            |
| GP13 | CMS-423-D | GP13-FD                | 6010B    | Zinc       | 131   |      | 189   |      | -36.25                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Aluminum   | 10800 |      | 11700 |      | -8.00                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Antimony   | 8.7   | UJ   | 9.2   | UJ   | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Arsenic    | 3.1   | J    | 3.9   | J    | -22.86                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Barium     | 32.4  | J    | 35.8  | J    | -9.97                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Beryllium  | 0.84  |      | 1.3   |      | -42.99                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Cadmium    | 0.21  | J    | 0.40  | J    | -62.30                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Calcium    | 1640  | J    | 2110  | J    | -25.07                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Chromium   | 10.0  |      | 15.5  |      | -43.14                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Cobalt     | 3.5   | J    | 2.4   | J    | 37.29                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Copper     | 2.8   | J    | 6.7   | J    | -82.11                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Iron       | 15300 |      | 13000 |      | 16.25                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Lead       | 8.8   | J    | 21.6  | J    | -84.21                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Magnesium  | 1560  |      | 1030  |      | 40.93                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Manganese  | 179   | J    | 204   | J    | -13.05                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Molybdenum | 2.4   | J    | 2.6   | J    | -8.00                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Nickel     | 5.7   |      | 5.2   | J    | 9.17                              |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Potassium  | 1120  |      | 687   | J    | 47.92                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Selenium   | 0.74  | J    | 0.77  | J    | -3.97                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Silver     | 1.4   | U    | 1.5   | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Sodium     | 189   | J    | 237   | J    | -22.54                            |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Thallium   | 289   | U    | 306   | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Vanadium   | 21.2  |      | 17.5  |      | 19.12                             |
| GP17 | CMS-455-E | GP17-FD                | 6010B    | Zinc       | 30.2  | J    | 31.4  | J    | -3.90                             |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|-----------|-------|------|-------|------|-----------------------------------|
| GP04 | CMS-405-B | GP04-FD                | 7471A    | Mercury   | 0.15  |      | 0.38  |      | -86.79                            |
| GP07 | CMS-142-A | GP07-FD                | 7471A    | Mercury   | 0.30  | J    | 0.31  | J    | -3.28                             |
| GP09 | CMS-060-A | GP09-FD                | 7471A    | Mercury   | 0.037 | J    | 0.067 | J    | -57.69                            |
| GP13 | CMS-423-D | GP13-FD                | 7471A    | Mercury   | 0.094 | J    | 0.18  | J    | -62.77                            |
| GP17 | CMS-455-E | GP17-FD                | 7471A    | Mercury   | 0.058 | UJ   | 0.066 | J    | -12.90                            |

Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter           | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|---------------------|-------|------|-------|------|-----------------------------------|
| AD01 | AD-04-A   | AD01-FD                | 8081A    | 4,4'-DDD            | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | 4,4'-DDE            | 0.17  | J    | 0.16  | J    | 6.06                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | 4,4'-DDT            | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Aldrin              | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | alpha-BHC           | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | alpha-Chlordane     | 0.03  | J    | 0.024 | J    | 22.22                             |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | beta-BHC            | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Chlordane           | 0.03  |      | 0.024 |      | 22.22                             |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | delta-BHC           | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Dieldrin            | 0.17  | J    | 0.072 | J    | 80.99                             |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endosulfan I        | 0.021 | J    | 0.028 | J    | -28.57                            |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endosulfan II       | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endosulfan sulfate  | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endrin              | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endrin aldehyde     | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Endrin ketone       | 0.087 | U    | 0.086 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | gamma-BHC (Lindane) | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | gamma-Chlordane     | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Heptachlor          | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Heptachlor epoxide  | 0.043 | U    | 0.043 | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Methoxychlor        | 0.43  | U    | 0.43  | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8081A    | Toxaphene           | 1.7   | U    | 1.7   | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | 4,4'-DDD            | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | 4,4'-DDE            | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | 4,4'-DDT            | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Aldrin              | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | alpha-BHC           | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | alpha-Chlordane     | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | beta-BHC            | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Chlordane           | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | delta-BHC           | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Dieldrin            | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endosulfan I        | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endosulfan II       | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endosulfan sulfate  | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endrin              | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endrin aldehyde     | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Endrin ketone       | 0.65  | U    | 0.64  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | gamma-BHC (Lindane) | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | gamma-Chlordane     | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Heptachlor          | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Heptachlor epoxide  | 0.33  | U    | 0.32  | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Methoxychlor        | 3.3   | U    | 3.2   | U    | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8081A    | Toxaphene           | 13.0  | U    | 13.0  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | 4,4'-DDD            | 0.059 | U    | 0.11  | U    | 0.00                              |

Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter           | mg/kg   | Flag | mg/kg  | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|---------------------|---------|------|--------|------|-----------------------------------|
| GP07 | CMS-142-A | GP07-FD                | 8081A    | 4,4'-DDE            | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | 4,4'-DDT            | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Aldrin              | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | alpha-BHC           | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | alpha-Chlordane     | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | beta-BHC            | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Chlordane           | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | delta-BHC           | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Dieldrin            | 0.071   |      | 0.081  | J    | -13.16                            |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endosulfan I        | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endosulfan II       | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endosulfan sulfate  | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endrin              | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endrin aldehyde     | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Endrin ketone       | 0.059   | U    | 0.11   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | gamma-BHC (Lindane) | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | gamma-Chlordane     | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Heptachlor          | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Heptachlor epoxide  | 0.03    | U    | 0.057  | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Methoxychlor        | 0.3     | U    | 0.57   | U    | 0.00                              |
| GP07 | CMS-142-A | GP07-FD                | 8081A    | Toxaphene           | 1.2     | U    | 2.2    | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | 4,4'-DDD            | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | 4,4'-DDE            | 0.0057  | J    | 0.0095 | J    | -50.00                            |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | 4,4'-DDT            | 0.011   | J    | 0.009  | U    | 20.00                             |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Aldrin              | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | alpha-BHC           | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | beta-BHC            | 0.0011  | J    | 0.0023 | J    | -70.59                            |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Chlordane           | 0.017   | UJ   | 0.09   | UJ   | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | delta-BHC           | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Dieldrin            | 0.042   | J    | 0.16   |      | -116.83                           |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Endosulfan I        | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Endosulfan II       | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Endosulfan sulfate  | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Endrin              | 0.00089 | J    | 0.0043 | J    | -131.41                           |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Endrin aldehyde     | 0.0071  | J    | 0.014  | J    | -65.40                            |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | gamma-BHC (Lindane) | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Heptachlor          | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Heptachlor epoxide  | 0.0017  | U    | 0.009  | U    | 0.00                              |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Methoxychlor        | 0.0034  | U    | 0.015  | J    | -126.09                           |
| GP09 | CMS-060-A | GP09-FD                | 8081A    | Toxaphene           | 0.069   | U    | 0.36   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | 4,4'-DDD            | 0.0095  | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | 4,4'-DDE            | 0.047   | J    | 0.052  | J    | -10.10                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | 4,4'-DDT            | 0.0095  | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Aldrin              | 0.0056  | J    | 0.01   | U    | -56.41                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | alpha-BHC           | 0.0095  | U    | 0.01   | U    | 0.00                              |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter           | mg/kg  | Flag | mg/kg  | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|---------------------|--------|------|--------|------|-----------------------------------|
| GP13 | CMS-423-D | GP13-FD                | 8081A    | beta-BHC            | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Chlordane           | 0.095  | U    | 0.1    | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | delta-BHC           | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Dieldrin            | 0.041  | J    | 0.0056 | J    | 151.93                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Endosulfan I        | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Endosulfan II       | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Endosulfan sulfate  | 0.0029 | J    | 0.0032 | J    | -9.84                             |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Endrin              | 0.0042 | J    | 0.01   | U    | -81.69                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Endrin aldehyde     | 0.041  | J    | 0.047  | J    | -13.64                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | gamma-BHC (Lindane) | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Heptachlor          | 0.0019 | J    | 0.0032 | J    | -50.98                            |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Heptachlor epoxide  | 0.0095 | U    | 0.01   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Methoxychlor        | 0.018  | U    | 0.02   | U    | 0.00                              |
| GP13 | CMS-423-D | GP13-FD                | 8081A    | Toxaphene           | 0.38   | U    | 0.4    | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | 4,4'-DDD            | 0.049  | U    | 0.0021 | J    | 183.56                            |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | 4,4'-DDE            | 0.049  | U    | 0.0037 | J    | 171.92                            |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | 4,4'-DDT            | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Aldrin              | 0.94   | J    | 0.21   | J    | 126.96                            |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | alpha-BHC           | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | beta-BHC            | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Chlordane           | 0.27   | J    |        | R    | NA                                |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | delta-BHC           | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Dieldrin            | 0.049  | UJ   | 0.03   | J    | 48.10                             |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Endosulfan I        | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Endosulfan II       | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Endosulfan sulfate  | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Endrin              | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Endrin aldehyde     | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | gamma-BHC (Lindane) | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Heptachlor          | 0.049  | U    | 0.0052 | U    | 0.00                              |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Heptachlor epoxide  | 0.049  | U    | 0.001  | J    | 192.00                            |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Methoxychlor        |        | R    |        | R    | NA                                |
| GP17 | CMS-455-E | GP17-FD                | 8081A    | Toxaphene           | 1.9    | U    | 0.21   | U    | 0.00                              |

Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter    | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|--------------|-------|------|-------|------|-----------------------------------|
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1016 | 3.1   | U    | 3.0   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1221 | 1.7   | U    | 1.7   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1232 | 7.1   | U    | 6.6   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1242 | 4.1   | U    | 4.0   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1248 | 4.3   | U    | 4.0   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1254 | 9.1   |      | 9.1   |      | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | Aroclor 1260 | 3.1   | U    | 3.0   | U    | 0.00                              |
| AD01 | AD-04-A   | AD01-FD                | 8082     | PCB's        | 9.1   |      | 9.1   |      | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1016 | 12.0  | U    | 5.8   | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1221 | 10.0  | U    | 4.8   | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1232 | 26.0  | U    | 13.0  | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1242 | 15.0  | U    | 7.2   | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1248 | 15.0  | U    | 8.0   | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1254 | 28.0  |      | 17.0  |      | 48.89                             |
| AP01 | CMS-607-A | AP01-FD                | 8082     | Aroclor 1260 | 10.0  | U    | 4.8   | U    | 0.00                              |
| AP01 | CMS-607-A | AP01-FD                | 8082     | PCB's        | 28.0  |      | 17.0  |      | 48.89                             |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1016 | 0.88  | U    | 0.089 | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1221 | 0.88  | U    | 0.089 | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1232 | 0.88  | U    | 0.089 | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1242 | 0.88  | U    | 0.089 | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1248 | 0.88  | U    | 0.089 | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1254 | 1.7   | J    | 0.54  | J    | 103.57                            |
| AP02 | CMS-611-A | AP02-FD                | 8082     | Aroclor 1260 | 0.88  | U    | 0.15  | U    | 0.00                              |
| AP02 | CMS-611-A | AP02-FD                | 8082     | PCB's        | 1.7   | J    | 0.54  | J    | 103.57                            |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1016 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1221 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1232 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1242 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1248 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1254 | 0.23  |      | 0.16  |      | 35.90                             |
| AP03 | CMS-621-A | AP03-FD                | 8082     | Aroclor 1260 | 0.1   | U    | 0.1   | U    | 0.00                              |
| AP03 | CMS-621-A | AP03-FD                | 8082     | PCB's        | 0.23  |      | 0.16  |      | 35.90                             |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1016 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1221 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1232 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1242 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1248 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1254 | 0.037 | U    | 0.037 | U    | 0.00                              |
| BV01 | CMS-701-A | BV01-FD                | 8082     | Aroclor 1260 | 0.023 | J    | 0.024 | J    | -4.26                             |
| BV01 | CMS-701-A | BV01-FD                | 8082     | PCB's        | 0.023 | J    | 0.024 | J    | -4.26                             |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1016 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1221 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1232 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1242 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |

# Table C.2 Field Duplicate Results

| SDG  | Sample ID | Duplicate<br>Sample ID | Analysis | Parameter    | mg/kg | Flag | mg/kg | Flag | Relative<br>Percent<br>Difference |
|------|-----------|------------------------|----------|--------------|-------|------|-------|------|-----------------------------------|
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1248 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1254 | 0.58  | J    | 0.085 | J    | 148.87                            |
| GP01 | CMS-153-B | GP01-FD                | 8082     | Aroclor 1260 | 0.14  | UJ   | 0.037 | UJ   | 0.00                              |
| GP01 | CMS-153-B | GP01-FD                | 8082     | PCB's        | 0.58  | J    | 0.085 | J    | 148.87                            |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1016 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1221 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1232 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1242 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1248 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1254 | 1.6   | J    | 1.8   | J    | -11.76                            |
| GP02 | CMS-404-A | GP02-FD                | 8082     | Aroclor 1260 | 0.35  | U    | 0.35  | U    | 0.00                              |
| GP02 | CMS-404-A | GP02-FD                | 8082     | PCB's        | 1.6   | J    | 1.8   | J    | -11.76                            |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1016 | 19.0  | U    | 7.9   | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1221 | 5.0   | U    | 2.6   | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1232 | 40.0  | U    | 17.0  | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1242 | 27.0  | U    | 11.0  | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1248 | 27.0  | U    | 12.0  | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1254 | 32.0  | J    | 13.0  | J    | 84.44                             |
| GP03 | CMS-410-E | GP03-FD                | 8082     | Aroclor 1260 | 11.0  | U    | 5.0   | U    | 0.00                              |
| GP03 | CMS-410-E | GP03-FD                | 8082     | PCB's        | 32.0  | J    | 13.0  | J    | 84.44                             |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1016 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1221 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1232 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1242 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1248 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1254 | 1.3   | J    | 19.0  | J    | -174.38                           |
| GP04 | CMS-405-B | GP04-FD                | 8082     | Aroclor 1260 | 0.13  | UJ   | 1.5   | UJ   | 0.00                              |
| GP04 | CMS-405-B | GP04-FD                | 8082     | PCB's        | 1.3   | J    | 19.0  | J    | -174.38                           |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1016 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1221 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1232 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1242 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1248 | 0.7   | U    | 0.059 | J    | 168.91                            |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1254 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | Aroclor 1260 | 0.7   | U    | 0.4   | U    | 0.00                              |
| GP05 | CMS-409-E | GP05-FD                | 8082     | PCB's        | 0.7   |      | 0.059 | J    | 168.91                            |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1016 | 12.0  | U    | 33.0  | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1221 | 4.2   | U    | 7.3   | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1232 | 29.0  | U    | 76.0  | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1242 | 16.0  | U    | 43.0  | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1248 | 18.0  | U    | 41.0  | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1254 | 32.0  | J    | 56.0  | J    | -54.55                            |
| GP06 | CMS-416-B | GP06-FD                | 8082     | Aroclor 1260 | 11.0  | U    | 18.0  | U    | 0.00                              |
| GP06 | CMS-416-B | GP06-FD                | 8082     | PCB's        | 32.0  | J    | 56.0  | J    | -54.55                            |