

| NC0004774 Buck Ash Pond Exceedances 2010-7/16/2013 | | | | | | | | |
|---|--|-------------|--------------|-------------|------------------|-------------------|--------------|--------------|
| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.5 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.7 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2011 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2011 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.4 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.1 | su |

| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
|-----------|--|--------|-------|------|------------|------------|-------|-------|
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 3 | 2012 | 00400 - pH | 6.5-8.5 | 0 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-13D | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.4 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6D | 3 | 2012 | 00400 - pH | 6.5-8.5 | 5.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 4.5 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 5.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 5.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2012 | 00400 - pH | 6.5-8.5 | 5.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 11 | 2011 | 00400 - pH | 6.5-8.5 | 5.4 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2011 | 00400 - pH | 6.5-8.5 | 5.5 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6.4 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 3 | 2012 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 5.8 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 5.9 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.4 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6.4 | su |

| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
|-----------|--|--------|-------|------|---------------------------------|------------|-------|-------|
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2011 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 11 | 2011 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9D | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9D | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9D | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9D | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.2 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 7 | 2012 | 00400 - pH | 6.5-8.5 | 5.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 3 | 2013 | 00400 - pH | 6.5-8.5 | 6 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 11 | 2012 | 00400 - pH | 6.5-8.5 | 6.1 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 7 | 2011 | 00400 - pH | 6.5-8.5 | 6.3 | su |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2011 | 00945 - Sulfate, Total (as SO4) | 250 | 320 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2012 | 00945 - Sulfate, Total (as SO4) | 250 | 330 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2011 | 00945 - Sulfate, Total (as SO4) | 250 | 340 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2012 | 00945 - Sulfate, Total (as SO4) | 250 | 340 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2012 | 00945 - Sulfate, Total (as SO4) | 250 | 340 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2011 | 00945 - Sulfate, Total (as SO4) | 250 | 350 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2013 | 00945 - Sulfate, Total (as SO4) | 250 | 350 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2013 | 01022 - Boron, Total (as B) | 700 | 1130 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2012 | 01022 - Boron, Total (as B) | 700 | 1160 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2011 | 01022 - Boron, Total (as B) | 700 | 1190 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2012 | 01022 - Boron, Total (as B) | 700 | 1220 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2012 | 01022 - Boron, Total (as B) | 700 | 1240 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2011 | 01022 - Boron, Total (as B) | 700 | 1260 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2011 | 01022 - Boron, Total (as B) | 700 | 1290 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2011 | 01034 - Chromium, Total (as Cr) | 10 | 11 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 7 | 2011 | 01034 - Chromium, Total (as Cr) | 10 | 13 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 11 | 2011 | 01034 - Chromium, Total (as Cr) | 10 | 28 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 335 | ug/l |

| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
|-----------|--|--------|-------|------|----------------------------------|------------|-------|-------|
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 318 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 806 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 968 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 7 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 1260 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 1610 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 1720 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2013 | 01045 - Iron, Total (as Fe) | 300 | 3230 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 7 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 570 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 870 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 3 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 530 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 7 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 871 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 11 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 994 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12D | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 1070 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 478 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 323 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 11 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 334 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 3 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 413 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 7 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 453 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8D | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 353 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 559 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2013 | 01045 - Iron, Total (as Fe) | 300 | 849 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 7 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 1360 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2012 | 01045 - Iron, Total (as Fe) | 300 | 2000 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9D | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 370 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 7 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 366 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 3 | 2011 | 01045 - Iron, Total (as Fe) | 300 | 584 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 310 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 392 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 539 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 634 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 734 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 944 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 1130 | ug/l |

| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
|-----------|--|--------|-------|------|----------------------------------|------------|-------|-------|
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 56 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 56 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 69 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11D | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 122 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 106 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 120 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 126 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 136 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 7 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 151 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 153 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-11S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 242 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 52 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 122 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 7 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 137 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 140 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 239 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 316 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-12S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 444 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 59 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 60 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 72 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 80 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 97 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 100 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-6S | 7 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 114 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 87 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 98 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7D | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 129 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 57 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 70 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-7S | 11 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 71 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2013 | 01055 - Manganese, Total (as Mn) | 50 | 62 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 81 | ug/l |

| Permit | Facility | Well | Month | Year | Parameter | 2L Standar | Value | Units |
|-----------|--|--------|-------|------|--|------------|-------|-------|
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 7 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 116 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2012 | 01055 - Manganese, Total (as Mn) | 50 | 246 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-8S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 360 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 11 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 55 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 3 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 63 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-9S | 7 | 2011 | 01055 - Manganese, Total (as Mn) | 50 | 88 | ug/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2012 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 561 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2011 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 570 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2012 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 580 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 11 | 2011 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 600 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 7 | 2012 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 604 | mg/l |
| NC0004774 | Duke Energy Carolinas LLC - Buck Steam Station | MW-10D | 3 | 2013 | 70300 - Solids, Total Dissolved- 180 Deg.C | 500 | 630 | mg/l |