

TABLE 4-13 PERCENT DIFFERENCE: PAHs EXCEEDING REFERENCE CONCENTRATIONS

| Analyte | Charleston Naval Base | | | Cooper River Berthing Area | | | Wando River Berthing Area | | Wando River Realignment | | |
|------------------------|-----------------------|--------|--------|----------------------------|--------|---------|---------------------------|---------|-------------------------|--------|--------|
| | CNB-01 | CNB-02 | CNB-03 | CPB-01 | CPB-02 | CPB-03 | WDB-01 | WDB-02 | WDR-01 | WDR-02 | WDR-03 |
| Acenaphthene | - | - | - | - | - | - | - | 21.4% | - | - | - |
| Acenaphylene | - | - | - | - | - | - | - | - | - | - | - |
| Anthracene | 21.4% | - | - | - | - | - | - | - | - | - | - |
| Benzo(a)anthracene | 457.1% | 57.1% | 42.9% | - | - | 157.1% | - | - | 21.4% | - | - |
| Benzo(b)fluoranthene | 142.9% | 9.5% | - | - | 61.9% | 471.4% | 242.9% | 1947.6% | - | 357.1% | 85.7% |
| Benzo(k)fluoranthene | 188.9% | 33.3% | 33.3% | - | - | 44.4% | - | - | - | - | - |
| Benzo(a)pyrene | 178.9% | 15.8% | 5.3% | - | - | 26.3% | - | - | - | - | - |
| Benzo(g,h,i)perylene | 47.4% | - | - | - | - | - | - | - | - | - | - |
| Chrysene | 288.9% | 33.3% | 111.1% | - | - | 1900.0% | - | - | - | - | - |
| Dibenzo(a,h)anthracene | - | - | - | - | - | - | - | - | - | - | - |
| Fluoranthene | 100.0% | 15.8% | - | - | - | 136.8% | - | - | 31.6% | - | - |
| Indeno(1,2,3-cd)pyrene | 25.0% | 0%* | - | - | - | - | - | - | - | - | - |
| 1-Methylnaphthalene | - | - | - | - | - | - | - | - | - | - | - |
| 2-Methylnaphthalene | - | - | - | - | - | - | - | - | - | - | - |
| Napthalene | - | - | - | - | - | - | - | - | - | - | - |
| Fluorene | - | - | - | - | - | - | - | - | - | - | - |
| Phenanthrene | - | - | - | - | - | 41.2% | - | - | - | - | - |
| Pyrene | 122.2% | 22.2% | - | - | 211.1% | - | - | - | 66.7% | - | - |

* Detected concentrations were equal to the detection limit = 0 % difference between reference and project station.

