

**Table 4-6
Phase II Data Validation and Evaluation Summary**

| Lab | Analytical Fraction | Samples/ Analytes Analyzed | Percent Validated | Percent Evaluation | | Number of Samples Affected by Rejects |
|--------|------------------------------------|----------------------------------|----------------------|-----------------------|----------|---|
| | | | | Only | Received | |
| AATS | Methyl Mercury | 219/219 | 0% | 0% | 100% | -- |
| AATS | Percent Lipids | 663/663 | 0% | 0% | 100% | -- |
| AATS | TAL Metals | 737/8636 | 17% | 100% | 99% | 83 |
| AATS | TAL Pesticide/PCB | 900/24969 | 18% | 100% | 99% | 190 |
| AATS | TAL SVOC | 930/54219 | 22% | 100% | 100% | 835 |
| AATS | TCLP Metals | 14/127 | 14% | 100% | 100% | -- |
| AATS | TCLP Semivolatiles | 13/215 | 23% | 100% | 85% | -- |
| ACZ | Mercury ICP/MS | 690/690 | 0% | 12% | 100% | -- |
| ALTA | Dioxins and Furans | 198/4950 | 14% | 100% | 100% | -- |
| ALTA | PCBs (CONGENERs) | 198/4354 | 13% | 100% | 100% | -- |
| CERC | 10-day Acute, Hyalella azteca | 101/NA | 0% | 0% | 0% | -- |
| CERC | 28-day Chronic, Hyalella aztec | 101/NA | 0% | 0% | 0% | -- |
| CERC | AVS/SEM | 109/970 | 100%* | 100%* | 100% | -- |
| CERC | Dissolved Metals | 52/336 | 100%* | 100%* | 100% | -- |
| CERC | Grain Size | 110/330 | 100%* | 100%* | 91% | -- |
| CERC | Microtox | 101/NA | 100%* | 100%* | 0% | -- |
| CERC | Total Dissolved Carbon | 101/NA | 100%* | 100%* | 99% | -- |
| CERC | Total Metals | 53/984 | 100%* | 100%* | 98% | -- |
| CERC | Total Organic Carbon | 110/110 | 100%* | 100%* | 90% | -- |
| EPA R6 | Toxicity Identification Evaluation | 11/NA | 100% | 100% | 0% | -- |
| EPA R6 | TAL Metals | 7/159 | 100% | 200% | 100% | 5 |
| EPA R6 | TAL Pesticide/PCB | 8/132 | 100% | 200% | 100% | -- |
| EPA R6 | TAL SVOC | 106/3280 | 100% | 200% | 100% | 76 |
| ES&E | 10-day Survival, Ampelisca Abd | 101/NA | 0% | 0% | 0% | -- |
| ES&E | Ammonia | 101/100 | 0% | 0% | 99% | -- |
| ES&E | Bioaccumulation | 13/NA | 0% | 0% | 0% | -- |
| ES&E | Hardness | 100/100 | 0% | 0% | 100% | -- |
| ES&E | Salinity | 100/100 | 0% | 0% | 100% | -- |
| MERC | Embryo-larval assays, Sciaenop | 50/NA | 0% | 0% | 0% | -- |
| MERC | Fertilization and development | 50/NA | 0% | 0% | 0% | -- |
| MERC | Germination assay, Ulva. Spp | 50/NA | 0% | 0% | 0% | -- |
| MERC | Hydrogen Sulfide | 101/100 | 100%* | 100%* | 99% | -- |
| UMISS | Benthic Community Survey | 101/NA | 0% | 0% | 0% | -- |

* Validated in accordance with USGS protocol but not in accordance with EPA protocol