

Data Management

In 1995, Cameron-Cole staff began a data management development program – EDS – to allow efficient management and analysis of extensive environmental databases. In its third generation, Cameron-Cole's EDS service provides our clients with superior quality, low cost data management and reporting.

The EDS Web-based menu and graphical interface performs method and procedural quality checks, supported by powerful analytical tools that, when combined, provide reliable representation, interpretation and reporting of environmental data. EDS' quality verification process quickly identifies potential issues within the data, thereby allowing comprehensive reporting using accurate information.

EDS provides –

- Sample collection information
- Field and laboratory measurement results
- Data storage
- A 14-point quality and verification check of laboratory data, including indicators such as holding times, reporting limits, laboratory QA/QC matrix and duplicate tests, outlier tests, and comparisons to historical results
- Data evaluation, outlier tests, comparisons to historical ranges and regulatory standards
- Data analysis selected from a menu of advanced statistical methods
- Web-based graphical and tabular outputs and downloads to the client's specifications



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