

IMPLEMENTING THE AFCEE PE PROGRAM

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Introduction

The AFCEE PE program is a Quality Assurance/Quality Control tool used to monitor data quality for USAF base environmental projects and programs. Using PE Samples effectively requires teamwork between the AFCEE and our Prime Contractor. To effectively monitor the performance of laboratory requires coordination between the Prime Contractor Project Manager and field samplers, AFCEE Program Manager and AFCEE ERC. AFCEE has between 30-40 laboratories actively providing environmental analytical services during the current fiscal year. PE Samples can be a cost effective method to gauge the performance of the laboratory real time.

Discussion

Often the performance of a laboratory is assessed after the project is over and the reports are being written for decisions. PE Samples provide information on laboratory performance at the beginning and though out the duration of the project so corrective actions can be taken before the project is over and unfortunately a lot of unacceptable data could have been avoided by making real time adjustments or corrective action at the laboratory. AFCEE PE Sample reports contain performance results for each method, matrix and site including associated quality control results for each field sample delivery group. This information helps both the AFCEE Program Manager and the Prime Contractor Project Manager make informed technical decisions about data quality issues real time for their projects

This is a three part sessions that starts with a description of the AFCEE QAPP 3.1 and its requirements. PE Samples are a tool used in conjunction with the AFCEE QAPP and laboratory audits to oversee the USAF bases data quality programs. PE Samples contribute to the DOD and USAF requirements for technically sound and legally defensible environmental data to document environmental decisions.

References

1. HQ ACEE QAPP, Technical Services Quality Assurance Program, Guidance for Contract Deliverables, Appendix C: Quality Assurance Project Plan (QAPP), Version 3.1, August 2001.