

9 PREVENTATIVE MAINTENANCE

The objective of the preventive maintenance program for sampling and analytical equipment is to avoid generating spurious environmental measurements that could lead to inappropriate remedial responses. The preventive maintenance program for field equipment is described in detail in the SOPs (SAP Appendices, Volume II) and associated manufacturer's equipment manuals.

9.1 SAMPLING AND ANALYTICAL EQUIPMENT

Field sampling, health and safety monitoring, and analytical equipment affecting project data will be kept in good working order. The maintenance procedures for this equipment will be approved for use by the responsible organization. Records of equipment maintenance will be maintained by the FOLs in the instrument logbook. If leased, maintenance records must be kept by the vendor and made available upon request. Maintenance schedules must be conducted in accordance with the SOPs (SAP Appendices), and documented in the instrument logbook.

9.2 SUPPORT EQUIPMENT

Support equipment should be periodically inspected for preventive maintenance purposes to ensure that performance standards are maintained for proper and efficient execution of all tasks and responsibilities. Support equipment is defined as all equipment not previously discussed that will at some point be required for completing an environmental monitoring or measurement task. This equipment may include storage and transportation containers, Global Positioning System (GPS), cameras, and communications gear.

9.3 LABORATORY PREVENTATIVE MAINTENANCE

Laboratory preventive maintenance will be implemented in accordance with the Laboratory QA Plan and associated SOPs. At a minimum, all major instrumentation will have associated records and logbooks, including schedules and criteria for maintenance.

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