

Title: Multiagency Radiation Laboratory Protocols (MARLAP) Manual

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MULTIAGENCY RADIATION LABORATORY PROTOCOLS (MARLAP) MANUAL
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A number of federal agencies of the United States of America including the Environmental Protection Agency (EPA), the Department of Energy (DOE), the Nuclear Regulatory Commission (NRC), the Department of Defense (DOD), the National Institute of Standards and Technology (NIST), the United States Geological Service (USGS), the Food and Drug Administration (FDA), and the Commonwealth of Kentucky have joined efforts to produce the Multiagency Radiation Laboratory Protocols (MARLAP) manual. This document will provide guidance in all of the major areas of radioanalytical laboratory work including; data quality objectives, analytical project planning, field sample preservation and preparation, sample receiving and tracking, laboratory sample preparation, radioanalytical methods, quality assurance and quality control, nuclear counting instrumentation, measurement statistics, data verification and validation, and waste disposal. The manual will provide guidance for both laboratory personnel and project managers. The objectives of the MARLAP manual include: providing guidance to ensure that laboratory data is of sufficient quality to support project decisions, promoting consistency in radioanalytical protocols, providing criteria for evaluating radioanalytical work, and promoting high quality radioanalytical work. The ultimate goal of the MARLAP manual is to help assure the generation of consistent and comparable laboratory data. The manual is scheduled to be available for public review by the summer of 1999.

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