

Steven D. White

sdwhite1973@yahoo.com • (970) 215-8702

Relevant Experience:

ALS Environmental: Fort Collins, CO: 2003 - 2022

Radiochemistry Team Lead: 2017 - 2022

- Extract and isolate radioactive material through the use of ashing furnaces, fusions, hotplates, acid digestions, centrifuges, ion exchange columns, and filter apparatuses.
- Proficient in Ra- 226/228, H-3, Sr89/90, Gamma spectroscopy, Po-210, Np-237, C-14, Gross alpha beta, Rn-222, Am-241, Pu-ISO, Pu-241, U-ISO, and Th-ISO on a variety of matrices.
- Responsible for training new analysts in radioactive methods, in proper handling of radioactive materials and hazardous chemicals, the use of the lab-wide Chain-of –Custody
- Attend departmental status meetings and provide updates regarding work status and any on-going issues in the lab.
- Document quality assurance issues through noncompliance reports and quality assurance summary sheets.
- Maintain and review oven temperatures, balance and pipette calibration verifications, and logbooks to ensure equipment quality assurance compliance.
- Properly dispose of hazardous, radioactive, and biological samples.
- Analyze samples using ICP-OES.

Lab Analyst: 2006 - 2017

- Analyze volatile samples by Gas Chromatography-Mass Spectroscopy (GC-MS) on environmental samples.
- Run samples on the Ion Chromatography (IC) instrument.
- Perform various wet chemistry analyses, such as pH, TS, TSS, TDS, Conductivity, Hardness, and Cyanides.
- Analyze samples for organics content using the Total Organic Carbon (TOC) instrument.
- Revise, import, and compile data packages for final review.
- Perform secondary review of other analyst data packages.

Organic Extraction Technician: 2003 - 2006

- Perform extractions on herbicides, pesticides, pcb's, semi-volatiles
- Ignitability
- Perform Synthetic Precipitation Leaching Procedure (SPLP) for the analysis of volatile organic compounds, Toxicity Characteristic Leaching Procedure (TCLP) for the analysis of metals and semi-volatile organics

Ward Laboratories, Inc.: Agricultural Testing & Consulting: Kearny, NE 2000 – 2003

Laboratory Technician

- Conducted agricultural testing on soil, feed, water, and waste samples to determine nutrient contents, pH, and fiber contents for both public and private clients.

Other Experience/Skills:

- Laboratory Information Management System (LIMS)
- Microsoft Suite

Education:

Associates in Academic Transfer -- 1994-1995

- Southeast Community College in Lincoln, NE

Bachelor of Science in Biology -- 1996-1999

- University of Nebraska in Lincoln, NE