

Dana Whitfield

Senior Environmental Consultant

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Professional Summary

Environmental consultant with 9 years of experience leading Phase I/II Environmental Site Assessments, RCRA and CERCLA compliance audits, and multi-agency permitting for industrial and municipal clients across the Rocky Mountain region. Skilled in translating EPA and state regulatory frameworks (RCRA, CERCLA, CWA, CAA, NEPA) into defensible field programs, and in building GIS deliverables — plume delineation, wetland mapping, sampling-location overlays — that regulators and clients act on. Track record of on-time, on-budget project delivery across 40+ site investigations with zero notices of violation issued against client-managed sites.

Core Competencies

Regulatory Frameworks: RCRA & CERCLA (Superfund) compliance, Clean Water Act (CWA) & NPDES permitting, Clean Air Act (CAA) emissions reporting, NEPA environmental review, SPCC plan development, CDPHE state submittals

GIS & Field Data: ArcGIS Pro, ArcGIS Online, QGIS, Trimble GeoXH sub-meter GPS, spatial plume delineation, remote sensing for land-cover change, geodatabase management

Field Investigation: Phase I/II ESAs (ASTM E1527-21), soil & groundwater sampling, monitoring-well installation & gauging, air quality monitoring, chain-of-custody protocols, HASP development

Reporting & Tools: Technical report writing for regulatory submission, EQuIS data management, Nimbus Project, client-facing risk communication, junior staff training

Professional Experience

Senior Environmental Consultant | *Meridian Environmental Partners* Denver, CO | Mar 2021 – Present

- Lead consultant on 60+ Phase I/II ESAs for commercial real estate and industrial clients; findings informed \$140M+ in transaction and remediation decisions.
- Directed RCRA and CERCLA compliance audits for four active manufacturing sites, resolving all open corrective-action items ahead of EPA Region 8 deadlines.
- Built and maintain the firm's ArcGIS Pro plume-delineation workflow, cutting groundwater contaminant-extent mapping time from 3 days to 6 hours per site.
- Author and file NPDES and air-permit renewal packages with CDPHE; zero rejected submittals across 22 filings since 2022.
- Supervise and mentor a team of three field scientists; developed the firm's internal HASP and chain-of-custody training curriculum.

Environmental Consultant | *Vertex Geoscience Group* Boulder, CO | Jul 2018 – Feb 2021

- Conducted soil and groundwater sampling programs at 30+ sites, managing monitoring-well networks and quarterly gauging events for long-term CERCLA monitoring.
- Produced GIS-based sampling-location and wetland-delineation maps in QGIS used directly in client submittals to the U.S. Army Corps of Engineers.
- Co-authored 15 Phase I ESAs and 8 Phase II subsurface investigation reports, each delivered on schedule under ASTM E1527-21 standards.
- Performed SPCC plan updates and CAA emissions inventories for two regional distribution facilities.

Staff Environmental Scientist | *Apex Environmental Solutions* Fort Collins, CO | Jun 2016 – Jun 2018

- Executed field sampling, air-quality monitoring, and site reconnaissance in support of NEPA environmental assessments for two municipal infrastructure projects.
- Digitized legacy paper site maps into the firm's first GIS geodatabase, establishing the spatial-data standard still in use company-wide.
- Drafted field data sheets and technical appendices for regulatory report submissions reviewed by senior consultants and EPA Region 8 staff.

Education

B.S. in Environmental Science, Minor in Geographic Information Systems 2016
Colorado State University, Fort Collins, CO

Certifications & Training

- Certified Hazardous Materials Manager (CHMM) — Institute of Hazardous Materials Management, 2020
- 40-Hour HAZWOPER Certification (OSHA 29 CFR 1910.120), annual 8-hour refresher current
- OSHA 10-Hour General Industry Safety Certification
- Esri ArcGIS Pro: Advanced Spatial Analysis (Certificate of Completion)