JULIAN MERCER

ENVIRONMENTAL SCIENTIST

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PROFESSIONAL SUMMARY

Environmental Scientist with 5+ years conducting site assessments, field sampling, and GIS analysis for consulting and public-sector clients. Turns data into clear reports that support permitting, remediation decisions, and regulatory compliance.

PROFESSIONAL EXPERIENCE

Environmental Scientist Apr 2022 - Present
AECOM, Denver, CO

- Prepare Phase I and Phase II environmental site assessments for commercial properties, completing about 25 reports a year.
- Collected soil, groundwater, and surface water samples to EPA methods, maintaining chain-of-custody records for every field event.
- Mapped contaminant plumes in ArcGIS Pro, helping clients choose a remediation approach that trimmed projected cleanup cost by about 10%.
- Wrote sections of NEPA environmental assessments and permit applications, with agency comments requiring only minor revisions.
- Supervised two field technicians on sampling days, covering safety briefings and equipment checks before each site visit.
- Tracked project hours and sampling budgets for six active sites, flagging overruns early and keeping most jobs within 5% of plan.

Environmental Analyst Jul 2020 - Mar 2022
Jacobs, Dallas, TX

- Analyzed monitoring-well data in Excel and R, flagging trends that led to two additional sampling rounds near a landfill boundary.
- Reviewed laboratory results against state action levels, producing summary tables that cut report review time by a day.
- Updated stormwater pollution prevention plans for four construction projects, supporting clean inspections over the following year.
- Delivered client briefings with maps and charts that explained findings in plain terms to non-technical managers.
- Calibrated water quality meters and logged field data on tablets, reducing transcription errors found during report review.

Environmental Intern Jun 2019 - Aug 2019
California Department of Toxic Substances Control, Sacramento, CA

- Digitized 300 historic site files into a searchable database, making older cleanup records easier for project managers to find.
- Assisted on site inspections by recording observations and photographs, then summarizing them for the case officer.
- Built a basic GIS layer of regulated facilities within the county, used in a public outreach presentation.

CORE SKILLS

Environmental assessment | ArcGIS Pro | Field sampling | Phase I and II ESA | NEPA compliance | Groundwater monitoring | Remediation support | R and Excel | Regulatory reporting | Stormwater management | Data visualization | Technical writing | Chain of custody | Site safety

EDUCATION

B.S. in Environmental Science, Colorado State University, Fort Collins, CO

CERTIFICATIONS

HAZWOPER 40-Hour Certification | Esri Certified ArcGIS Desktop Associate