Anwuli Castellanos-Brennan

Environmental Engineer
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SUMMARY

Environmental engineer with 5 years of experience in site remediation, stormwater permitting and regulatory compliance across consulting and municipal utility work. Led groundwater remediation design that cut cleanup time by 8 months at a former industrial site, and manages NPDES permit compliance for 3 municipal facilities. EIT, pursuing PE.

EXPERIENCE

Environmental Engineer — Front Range Environmental Consulting

Denver, CO · Jun 2022 – Present

- Designed a groundwater pump-and-treat remediation system for a former metal plating site, cutting the projected cleanup timeline from 3 years to 2 years 4 months.
- Prepared and submitted 12 NPDES stormwater permit applications and renewals for industrial clients, with zero rejections on first submission over 2 years.
- Led Phase II environmental site assessments at 9 properties, identifying soil contamination requiring remediation at 4 and clearing 5 for sale without further action.
- Managed a $1.2M remediation budget across 3 active sites, tracking costs against EPA-approved work plans.
- Trained 2 junior engineers on sampling protocols and chain-of-custody documentation, cutting lab rejections for improper sampling from 6% to under 1%.

Environmental Compliance Engineer — Front Range Municipal Water Utility

Aurora, CO · Aug 2019 – May 2022

- Managed NPDES permit compliance for 3 wastewater treatment facilities serving 120,000 residents, maintaining a clean inspection record for 2 consecutive years.
- Redesigned the stormwater pollution prevention plan for a 40-acre facility, closing 8 of 9 findings from a state inspection within the required timeline.
- Modeled influent flow changes from a planned 15,000-resident development, recommending upgrades that avoided a capacity shortfall.
- Coordinated with state regulators on 4 permit renewal cycles, maintaining uninterrupted discharge authorization for all facilities.

SKILLS

Regulatory: NEPA, RCRA, CERCLA, Clean Water Act, NPDES permitting, state UST/LUST programs

Technical: Groundwater and soil remediation design, Phase I/II site assessments, stormwater management, air quality permitting (basic)

Software: AutoCAD Civil 3D, GIS (ArcGIS), HEC-RAS, MODFLOW (basic)

Project: Budget tracking, regulatory agency coordination, report writing, field sampling oversight

CERTIFICATIONS

Engineer in Training (EIT), Colorado, 2019

OSHA 40-Hour HAZWOPER, current

EDUCATION

B.S. Environmental Engineering, Colorado School of Mines, 2019

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