

CAPABILITY STATEMENT

BlueCredit

Core Competencies

- **Water Resources & Stormwater Engineering** – Surface water, groundwater, stormwater, and watershed analysis; hydraulic modeling, flood studies, floodplain mapping, and bridge hydraulics; drainage design, green infrastructure, and erosion & sediment control; climate resilience planning for infrastructure and communities; stormwater infrastructure inspections, condition assessments, GIS asset inventories, and digital twins; and capital planning and lifecycle management across facility, utility, and basin scales.
- **Water Sustainability & Environmental Compliance** – Water stewardship, water risk assessments, ESG reporting, sustainability disclosures, stormwater permitting, MS4, NPDES, and SWPPP development.
- **Environmental Data & Geospatial Intelligence** – GIS, remote sensing, AI analytics, dashboards, environmental and nature-based credit tracking.
- **Edge Computing & Sustainable AI** – Edge data center consulting, AI infrastructure, IoT integration, environmental monitoring, and digital infrastructure solutions for utilities, government, and critical infrastructure.

Differentiators

- **DMV-Based, Global Reach** – Water resources and environmental expertise with delivery capabilities across Africa, Latin America, and Asia-Pacific.
- **Integrated Delivery** – Advisory, engineering, field services, GIS, AI, and analytics in a cost-effective delivery model.
- **Digital Environmental Solutions** – GIS, digital twins, cloud platforms, and AI-powered decision support for utilities and environmental markets.
- **Sustainable AI & Digital Infrastructure** – Edge computing, sustainable data centers, and resource-efficient AI solutions.

Past Performance

- **PRIME — SHOMAX Energy | USDA Rural Development Fertilizer Investment & Expansion Program for Long-Term Domestic Supply Grant.** Feasibility study for a 6,000 TPA green anhydrous ammonia facility in Texas (\$10,000).
- **SUBCONTRACTOR — Clark Nexsen | Virginia DOT IDIQ** – Executed multiple stormwater projects across DMV counties supporting roadway improvements, pedestrian trails, intersection upgrades, and bridge hydraulics (\$50,000).
- **SUBCONTRACTOR — Kleinfelder | Bald Eagle Village South Field Groundwater Modeling & NJPDES Support (NJ), for SUEZ Water** – Performed 3D groundwater flow and contaminant transport modeling (MODFLOW) to evaluate the impact of a large subsurface sewage disposal system. (\$20,000).
- **SUBCONTRACTOR — The Balmoral Group | Grains Research & Development Corporation (GRDC), Australia** – ESG standards assessment and phased sustainability roadmap for the Australian grains supply chain (\$22,000).
- **Environmental Decision Support Platforms Developed:**
 - **BlueCredit Marketplace** – A marketplace connecting water-positive project developers with buyers and funders through verified, science-based water credits
 - **Data Center Water Leaks** – A decision-support platform quantifying the direct and indirect water footprint of data centers, linking facility-level demand to basin-scale hydrological vulnerability through verified utility-record data and PUE/WUE-based facility modeling.

Company Data

Background

BlueCredit provides water resources engineering, stormwater, sustainability, digital water, and sustainable AI services. Our team combines expertise in hydrology, hydraulics, infrastructure, GIS, environmental compliance, and digital tech to deliver practical solutions that improve operational performance, support regulatory compliance, manage water-related risks, and strengthen long-term resilience. We are also recognized for our leadership in sustainable AI, edge computing, and data center sustainability.

Contracting Readiness

- Registered in SAM and SWAM Certified
- Prime and subcontracting opportunities
- Ability to support federal and local water projects through technical advisory and engineering services
- Capable of performing under federal, state, municipal, and private-sector procurement frameworks

UEI #: KFH1PBB5TKD1

CAGE CODE: 17MA3

DUNS #: 14-511-3881

- **NAICS:** 541620, 541330, 541370, 541715, 541511, 541512, 518210
- **NGIPS:** 92600, 92623, 92672, 91871
- **PSC:** B510, B525, AH12, DA01, 7C20
- **UNSPSC:** 77101600, 77101700

Accepts Credit Cards

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