



CHAD DRUMMOND PE, D.WRE, BCEE
President and Chairman of the Board

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Corporate Headquarters
47 E. Robinson St. Suite 210
Orlando, FL 32801

CAPABILITIES STATEMENT

OUR CERTIFICATIONS



SDVOSB

Service-Disabled Veteran-Owned Small Business, U.S. Department of Veteran Affairs Center for Verification & Evaluation

New York State Certified
Service-Disabled Veteran-Owned Business

SDVOB

Service-Disabled Veteran-Owned Business, New York State

VBE

Veteran Business Enterprise, State of Florida & State of Ohio

SB, SDB and VBE

Small Business, Small Diverse Business, and Veteran Business Enterprise, Pennsylvania Department of General Services

VSBE

Veteran Owned Small Business Enterprise, State of Maryland

DUNS NUMBER

080129842

CAGE CODE

7KQK4

NAICS CODES

562910

Remediation Services

541330

Engineering Services

541620

Environmental Consulting Services

541990

Other Professional, Scientific and Tech Services

CORE COMPETENCIES

Drummond Carpenter, PLLC is a service-disabled veteran-owned small business (SDVOSB) specializing in environmental and water resources engineering and applied research. Drummond Carpenter's core competencies are in five key service areas:

- Green Infrastructure and Sustainability
- Civil and Water Resources Engineering
- Environmental Modeling
- Environmental Assessment and Remediation
- Nuclear Disposal and Storage

DIFFERENTIATORS

- Principals have decades of professional engineering experience.
- Registered professional engineers in the states of Florida, Kentucky, Michigan, New York, Ohio and Pennsylvania.
- Registered professional geologists in the state of Florida, Pennsylvania, and Tennessee.
- Numerous staff have advanced degrees.
- Staff are subject matter experts in developing, calibrating, validating, and applying various surface water, groundwater, and air quality models.
- Extensive applied experience designing and implementing remediation technologies to restore the environment.
- Extensive experience in civil site design, engineering with nature (EWN), and utility master planning, modeling, and design.
- Specialized experience in community engagement including the development of community socio-economic sustainability plans.
- Experience in planning, facilitating, and community implementation of watershed management plans, green stormwater infrastructure plans and recreational master plans.
- Principals serve as adjunct professors at the University level providing professional lectures and short courses.
- Principals have qualified as expert witnesses in the Court of Law.
- Staff have provided regional and national leadership for numerous professional societies.
- Drummond Carpenter has completed over 100 projects in fifteen states.
- Staff have industry leading certifications including Diplomate Water Resources Engineer (D.WRE), Board Certified Environmental Engineer (Hazardous Waste) (BCEE), Hazardous Waste Operations and Emergency Response (HAZWOPER) Program Certification, Leadership in Energy and Environmental Design Accredited Professional (LEED AP), Project Management Professional (PMP), NCI Charrette Facilitation, Certified Floodplain Manager (CFM), Professional Wetland Scientist (PWS), and Stormwater Erosion and Sediment Control Inspector.

PAST PERFORMANCE

RADIOLOGICAL SITE ASSESSMENT

Client: Confidential
(performed as a subconsultant)

Location: Florida

Service Areas: Environmental Assessment & Remediation

Services Provided: Site Assessment
Technical Support
Field Monitoring

Dates Performed: 2019-2020



NATURAL ATTENUATION ASSESSMENT - WHITE SANDS TEST FACILITY

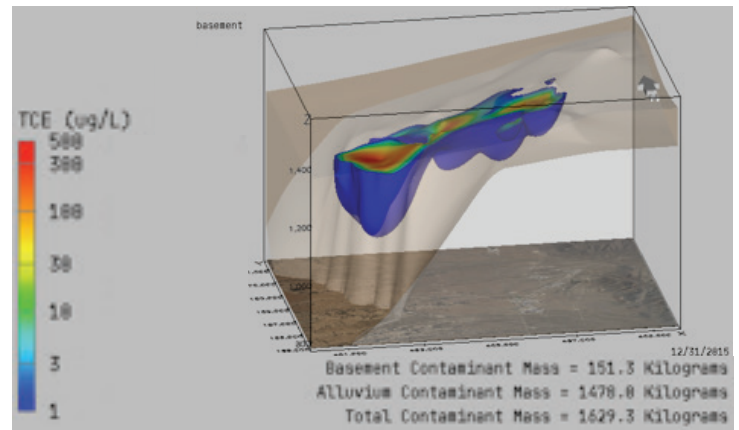
Client: National Aeronautics & Space Administration
(performed as a subconsultant)

Location: Las Cruces, NM

Service Areas: Environmental Assessment & Remediation

Services Provided: Contaminant Data Review
Groundwater Contaminant Modeling
Time Varying Mass Assessment
EVS 3-D Visualization & Analysis
Technical Reporting

Dates Performed: 2020



PERFORMANCE ASSESSMENT AND COMPOSITE ANALYSIS FOR EMDF

Client: United States Department of Energy
(performed as a subconsultant)

Location: Oak Ridge, TN

Service Areas: Nuclear Disposal & Storage
Environmental Modeling

Services Provided: Conceptual Site Model Development
Fate & Transport Analysis
RESRAD Modeling
Sensitivity and Uncertainty Analysis

Dates Performed: 2017-2020



OAK RIDGE RESERVATION INDUSTRIAL LANDFILL AUTHORIZED LIMITS

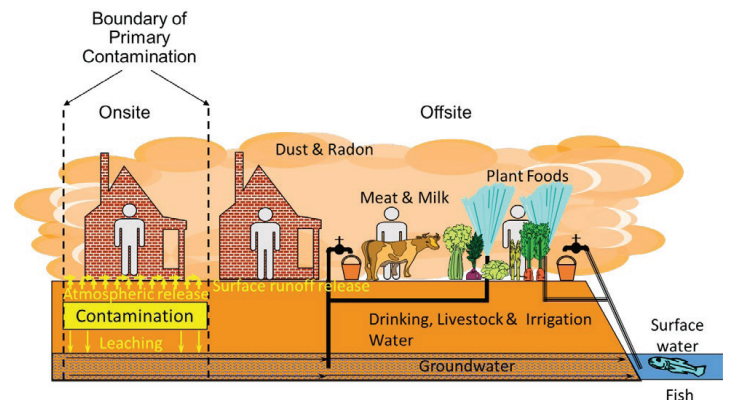
Client: United States Department of Energy
(performed as a subconsultant)

Location: Oak Ridge, TN

Service Areas: Nuclear Disposal & Storage

Services Provided: Conceptual Site Model
RESRAD Modeling
Contaminate Pathways Analysis
HELP Modeling
Technical Report

Dates Performed: 2019-2020



PAST PERFORMANCE

MULTI-BASIN AQUIFER RECHARGE - DIXIE COUNTY SPRINGS ENHANCEMENT

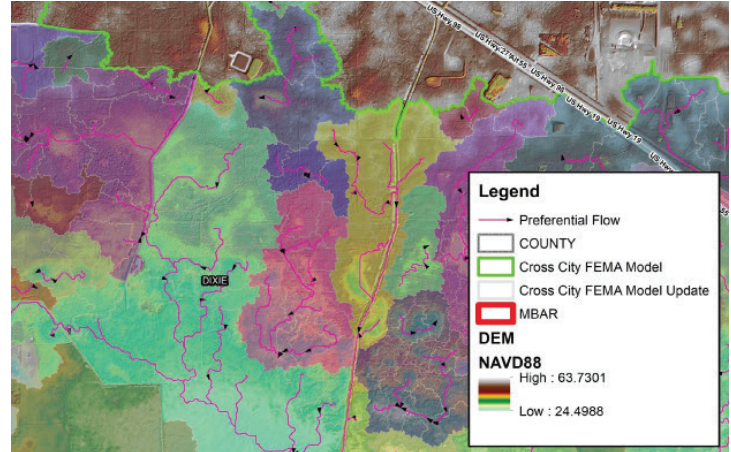
Client: Dixie County (performed as a subconsultant)

Location: Dixie County, FL

Service Areas: Environmental Modeling
Civil & Water Resources Engineering

Services Provided: Hydrologic & Hydraulic Modeling
Groundwater Modeling
Conceptual Stormwater Design
Monitoring Protocol Development
Field Assessment
Fate & Transport Analysis (3D Groundwater Particle tracking)

Dates Performed: 2018-Ongoing



WEST WARREN STORMWATER BASIN DESIGN

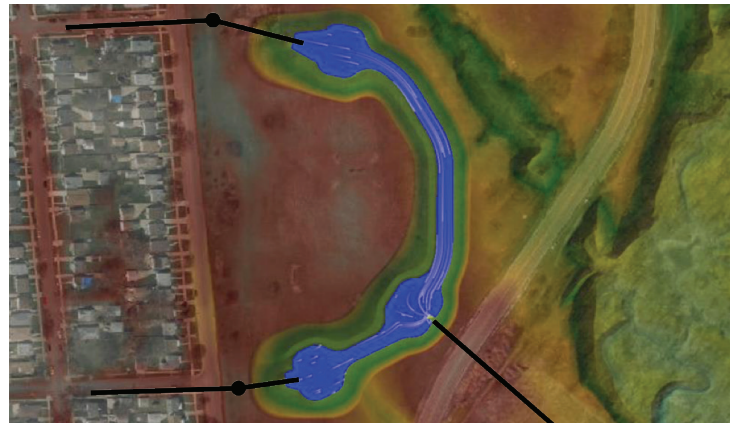
Client: Detroit Water & Sewerage Department (performed as a subconsultant)

Location: Detroit, MI

Service Areas: Environmental Modeling
Civil & Water Resources Engineering

Services Provided: Stormwater Management Modeling (SWMM)
Civil3D Site Design
Water Quality Calculations
Rip Rap Energy Dissipation Design
Joint (EGLE/USACE) Permit Application

Dates Performed: 2020-2022



KISSIMMEE RIVER RESTORATION MEDIATION SUPPORT SERVICES

Client: Hyatt Farms, LLC

Location: Lake Wales, FL

Service Areas: Environmental Modeling
Civil & Water Resources Engineering

Services Provided: Expert Witness Mediation Services
Hydrologic & Hydraulic Modeling
Peer Review of Engineering Reports
Construction Cost Estimates

Dates Performed: 2019



WEKIVA SPRINGS NITRATE ANALYSIS

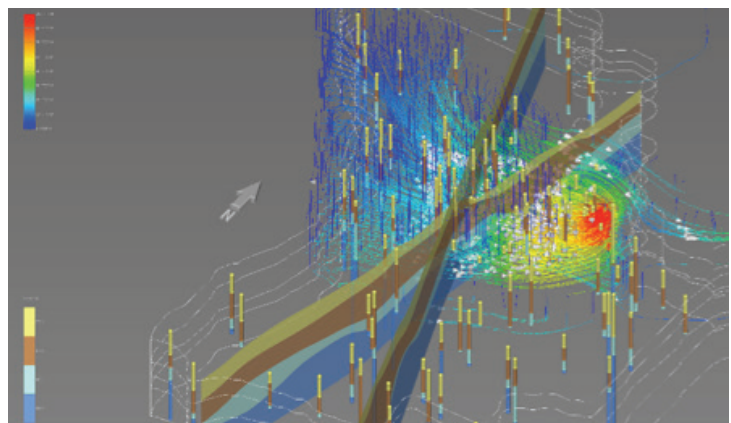
Client: Orange County Environmental Protection Division

Location: Orange County, FL

Service Areas: Environmental Modeling

Services Provided: Data Review & Analysis
Nitrate Isotope Mixing Model
Nitrate Fate and Transport
Groundwater Modeling
Earth Volumetric Studio (EVS) 3-dimensional
Geologic and Groundwater Flow Model
Technical Report

Dates Performed: 2020



PAST PERFORMANCE

ORANGE COUNTY CONVENTION CENTER NORTH / SOUTH EXPANSION

Client: Orange County Convention Center
(performed as a subconsultant)

Location: Orange County, FL

Service Areas: Green Infrastructure & Sustainability
Civil & Water Resources Engineering

Services Provided: LEED Certification Support
Green Infrastructure Evaluation
Erosion & Sedimentation Control Plans
Sustainable Transportation Evaluation

Dates Performed: 2019-2020



PWSA THOMAS & MCPHERSON GREEN STORMWATER INFRASTRUCTURE

Client: Pittsburgh Water & Sewer Authority
(performed as a subconsultant)

Location: Pittsburgh, PA

Service Areas: Green Infrastructure & Sustainability
Civil & Water Resources Engineering

Services Provided: Conceptual Stormwater Design
Hydrologic Modeling
Cost Estimating
Public Outreach
Peer Review of Construction Documents

Dates Performed: 2019-2020



GREEN INFRASTRUCTURE IMPLEMENTATION: PLANNING FOR A SUSTAINABLE FUTURE

Client: Michigan Sea Grant

Location: State of Michigan

Service Areas: Green Infrastructure & Sustainability

Services Provided: Site Visioning
Graphical Rendering
Community Engagement
Community Planning

Dates Performed: 2019-2020



VILLAGE OF NORTHPORT STORMWATER REDUCTION PROJECT

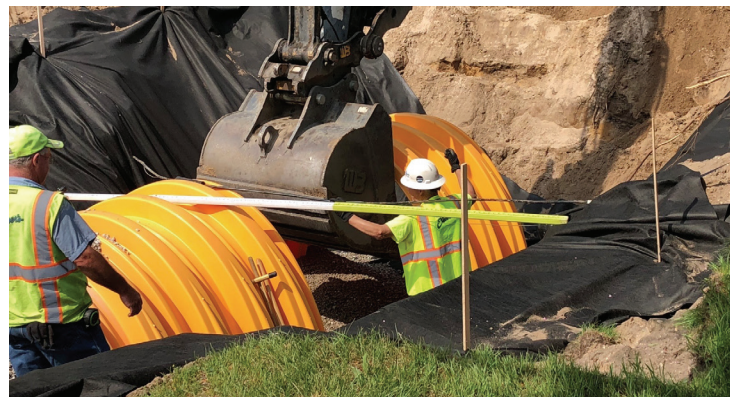
Client: The Watershed Center
Grand Traverse Bay

Location: Northport, MI

Service Areas: Green Infrastructure & Sustainability
Civil & Water Resources Engineering

Services Provided: Site Visioning
Planning & Design
Public Outreach
Construction Documentation

Dates Performed: 2017-2018



PAST PERFORMANCE

DETROIT CULTURAL CENTER PLANNING INITIATIVE

Client: Midtown Detroit, Inc.

Location: Detroit, MI

Service Areas: Green Infrastructure & Sustainability
Civil & Water Resources Engineering

Services Provided: Stormwater Master Planning
Conceptual Green Infrastructure Design
Hydrologic Modeling
Stormwater Credit Calculations
Community Engagement and Education

Dates Performed: 2019-2021



ORANGE COUNTY PARKS GROWTH ANALYSIS

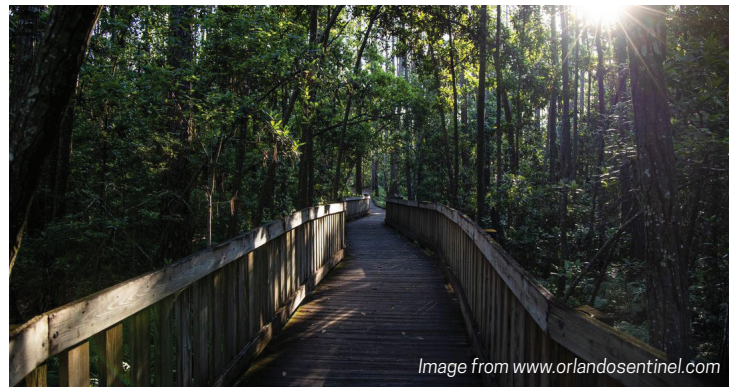
Client: Orange County Parks and Recreation
(performed as a subconsultant)

Location: Orange County, FL

Service Areas: Green Infrastructure & Sustainability

Services Provided: Site Visioning
GIS Spatial Analysis
Service Inventory

Dates Performed: 2019



LAKE CHARLEVOIX COMMUNITIES: INCREASING CAPACITY FOR COASTAL RESILIENCE PROJECT

Client: Tip of the Mitt Watershed Council

Location: Lake Charlevoix Watershed, MI

Service Areas: Green Infrastructure & Sustainability

Services Provided: Public Outreach
GSI Visioning
Community Planning
Stormwater Modeling

Dates Performed: 2020



SPRING GARDEN HYDRAULIC & HYDROLOGIC MODELING

Client: Pittsburgh Water & Sewer Authority
(performed as a subconsultant)

Location: Pittsburgh, PA

Service Areas: Civil & Water Resources Engineering
Environmental Modeling
Green Infrastructure & Sustainability

Services Provided: Hydraulic & Hydrologic Modeling
QA/QC of Flow Monitoring Data
Feasibility Analysis
Field Evaluation

Dates Performed: 2018-2019

