

DELANA BECULHIMER, LEP

## Education

BS – Geology, Austin Peay State University, 2003

BS – Environmental Geography, Natural Hazards, Austin Peay State University, 2003

## Professional Licenses

Licensed Environmental Profession #357, Florida

## Professional Experience

Ms. Beculhimer has two decades of experience in environmental consulting. She manages environmental site assessments, contamination assessments, remedial action plans, and remedial construction projects throughout the State of Florida, including due diligence, permitting, remedial construction, initial site investigations, soil and groundwater assessments, delineation, soil and groundwater remediation, AST/UST and hydraulic lift removal, coordination with regulatory agencies, and reporting for municipal and private clients.

conducting assessment, remediation, monitoring, and closure of metals and petroleum-contaminated sites for private and public sector clients.

Sites include fuel storage facilities, vehicle maintenance facilities, truck stops, abandoned chemical disposal sites, and superfund sites. Chemical contamination encountered in both soil and groundwater media has included petroleum, heavy metals, petroleum, pesticides, heavy metals, PCBs, and solvents.

Previous experience includes project manager and point of contact for four Florida Department of Transportation contracts, including identifying potential contamination impacts that may affect property acquisition or construction efforts, which allowed the Client to mitigate remedial and design efforts and preserve the production schedule. She also prepared various design change, right of way, and construction advertisement reevaluations, participated in valuation engineering studies, supervised surveying and sampling of numerous bridges for asbestos-containing materials and metal-based paint, and conducted numerous Phase I and II assessments. Facilities included agricultural, commercial, industrial, and support facilities (e.g. roadways, buildings, stormwater, utilities). Notable contracts and projects that Ms. Beculhimer has been involved in are described below.

### Remedial Construction

**Four (4) Contamination, Assessment, and Remediation Contracts, FDOT District 4, Districtwide, Florida.** Project Manager responsible for Work Plan/Cost Estimates; manage administrative functions for the contract including accounting, procurement, resources, etc.; assign, schedule, and direct staff to ensure responsive service. Additional responsibilities included project execution, maintaining close communication with District staff and project personnel; project cost control, prepare/review status reports and invoices; ensure safety and quality controls are met on all projects; review final invoices for accuracy prior to submittal to District staff; control program activities to ensure technical quality, H&S, QA, and regulatory requirements are met; prepare

contract status reports and attend all regular and specially scheduled meetings; provide minimum weekly update reports and monthly status reports to the District and ensure and confirm District staff satisfaction on all contract activities; and prepare technical reports.

Ms. Beculhimer was responsible for the oversight of hundreds of projects where services included Level I and Level II Environmental Site Assessments, asbestos and lead surveys/abatement, environmental construction and remediation, dewatering, and emergency response. In addition, she provided on-site technical support to the FDOT District 4 office. During this time, she assisted FDOT by completing right of way reviews, construction plans reviews, coordinating design, right of way, and drainage projects, and conducting National Environmental Policy Act document reviews.

#### **FDOT, Kings Highway, St. Lucie County, Florida**

Ms. Beculhimer served as the Project Manager on Kings Highway, which was being widened from a 2-lane roadway to a 4-lane roadway. Petroleum constituents were detected above State standards in the soil and groundwater along the corridor and within the right of way. The project involved removing petroleum impacted soil within the construction zone and developing a remediation system to treat contaminated groundwater before its eventual discharge to a surface water body, which involved developing a dewatering permit package and subsequently, a treatment system that would accommodate the contractor's anticipated flow rate of 600 gpm. The remediation system was mobilized to the site during the construction phase and the groundwater was successfully treated prior to discharge.

#### **FDOT, I-75 Express Lanes, Broward and Miami-Dade Counties, Florida**

Ms. Beculhimer served as the Project Manager on the I-75 Express Lanes which extended from Broward County into Miami-Dade County. To accommodate the construction of two new express lanes in the northbound and southbound directions within the existing I 75 medians, soil and groundwater sampling was conducted, which identified arsenic impacted soil within the right of way. Following soil cleanup activities, through coordination with FDOT and DERM, soils identified with arsenic concentrations between residential and industrial standards were released to the contractor to use beneath the roadway. Soils identified above industrial standards were further analyzed for leachability to determine if it could be deposited into existing FDOT drainage ponds. All soil was identified below leachability standards and was transported and placed into the existing ponds.

#### **FDOT, I-95/SR 80 Stormwater Retention Pond, Palm Beach County, Florida**

Ms. Beculhimer served as the Project Manager on this project which involved the construction of a lined stormwater retention pond to approximately 20 feet below ground surface. Following soil and groundwater sampling within the pond footprint, elevated levels of petroleum constituents were detected above State standards in the groundwater. To accommodate dewatering activities, a remediation system was designed to treat contaminated groundwater before its eventual discharge into a nearby canal. Following the initiation of construction activities, the construction contractor was unable to dewater to the depth required to install the impermeable liner, which required the design and installation of both vertical and horizontal dewatering wellpoint systems.

### **Land Acquisition and Redevelopment**

#### **Due Diligence Assessment, Florida, Alabama, and Maine.**

Since 2004, Ms. Beculhimer has been performing and managing due diligence projects through all phases including the preparation and/or supervision of Phase I ESAs, Phase II ESAs, and/or remedial construction.

## **Land Acquisition and Redevelopment**

### **Golf Course Redevelopment, Palm Beach County, Florida.**

As the Project Manager, Ms. Beculhimer is responsible for the assessment and redevelopment of large size properties (100+ acres) contaminated with arsenic and other legally applied pesticides. These property types include golf courses and agricultural land that have become inactive but are in high demand for residential redevelopment. Site activities have included soil management, remediation, dewatering, soil blending, engineering controls, and placement restrictions. She successfully achieved FDEP approval for the placement and beneficial reuse of arsenic contaminated soil, below the water table, within stormwater retention pond lake maintenance easements.

### **Solid Waste Site Redevelopment, Miami-Dade County, Florida.**

As the Project Manager, Ms. Beculhimer is responsible for the direction and oversight of redeveloping the property for residential use. She successfully achieved DERM approval for the development of a solid waste dumping site. Site activities have included soil management, surface water sampling, engineering controls, and placement restrictions.