

## JOSEPH A. LITCHFIELD

### Education

High School Diploma, Gainesville Florida, 1979

### Specialty Certifications

APNGA Certified - Training Course Regarding Nuclear Density Testing  
Equipment and Radiology Safety  
30-Hour OSHA Certification



*Joseph Litchfield*

### Professional Experience

As a Project Professional, Mr. Litchfield is responsible for supporting SCS's Texas engineering practice. He has over 35 years of experience in a variety of solid waste projects for both private and municipal facilities in Florida. Mr. Litchfield has performed landfill operations management and surveying of landfills, geosynthetic panel layout, gas collection systems, transfer stations, storm water protection and drainage systems.

Mr. Litchfield's responsibilities include landfill operations manager, landfill site surveyor, construction surveying including designing landfill gas collection systems, flare and blower station installation, site cell development and drainage system surface water management control projects, high rise projects, airport runway and taxiway systems. His CQA responsibilities include providing support for CQA reports for soil and geosynthetic liners and serving as on-site lead technician for geosynthetic liner systems.

Mr. Litchfield is trained and certified to operate Troxler 3400 series nuclear density gauges for testing soil density and moisture content.

The following are representative of the projects in which Mr. Litchfield has participated.

#### **Landfill Surveying**

- Site surveyor for the construction and closure of cell 1 MSW site near Pompano, Florida.
- Site surveyor for the construction of MSW cell 2 and 3 development near Pompano, Florida.
- Site surveyor for the design and construction of multiple gas collection systems near Pompano, Florida.
- Site surveyor for the construction of MSW cell 7B and 8B development near Pompano, Florida.
- Site surveyor for the construction of MSW cell 12 and 13 development near Pompano, Florida.
- Site surveyor for the construction of MSW cell 14 development near Pompano, Florida.
- Site surveyor for the construction of MSW cell 10 and 11 development near Pompano, Florida.
- Site surveyor for the construction and design of additional blower and flare stations near Pompano, Florida.
- Site surveyor for the construction of MSW cell 2 and 3 development near Medley, Florida.
- Site surveyor for the design and construction of multiple gas collection systems near Medley, Florida.

- Site surveyor for the construction and design of additional flare station near Medley, Florida.
- Site surveyor for the construction of MSW cell 7 and 8 development near Medley, Florida.
- Site surveyor for the construction of MSW cell 6 development near Medley, Florida.
- Site surveyor for the construction of MSW cell 10 and 11 development near Medley, Florida.
- Site surveyor for the design and construction of multiple gas collection systems near Medley, Florida.
- Site surveyor for the design and construction of multiple gas collection systems near Okeechobee, Florida.
- Site surveyor for the design and construction of multiple gas collection systems near Naples, Florida.
- High rise superintendent for multiple structures in South Florida area.
- Site surveyor for multiple underground infrastructure projects in South Florida area.

### **Construction Quality Assurance**

- Field Construction Quality Assurance Technician for a Subtitle D geomembrane liner at a 12 acre MSW landfill in Fort Bend County, Texas.
- Field Construction Quality Assurance Technician for a leak detection and leachate collection geomembrane liner system at a 12 acre landfill near Big Spring, TX.
- Field Construction Quality Assurance Technician for a leak detection and leachate collection geomembrane liner repair at a 8 acre landfill near Orla, TX.
- Field Construction Quality Assurance Technician for a leak detection and leachate collection geomembrane liner system at a 12 acre landfill near Big Lake, TX.
- Field Construction Quality Assurance Technician for a leak detection and leachate collection geomembrane liner system at a 9 acre landfill near Orla, TX.
- Field Construction Quality Assurance Technician for a Subtitle D geomembrane liner at a 12 acre MSW landfill in Fort Bend County, Texas.

### **Other Experience**

- Previously employed by CEC Engineers to survey all gas collection, and cell development projects in Florida.
- Previously employed by Craven Thompson and Associates to survey and setup GPS network control to establish GIS Networks around multiple municipalities for their infrastructure projects in South Florida.
- Previously employed by Central Florida Equipment to assist in the layout and as-builts of multiple infrastructure projects in South Florida.
- Previously employed by Bovis Lendlease as a superintendent in charge of inspections to achieve and acquire building certificate of occupancy in South Florida.
- Previously employed by Waste Management as Operations Manager and Site Surveyor in South Florida.