

STEVEN CHARLES CULLEN, P.E.
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Watson
Exh #4

Experience

**1994-Present: Koogler & Associates Environmental Services, Gainesville, Florida
Senior Project Engineer**

- Industrial Facility Air Pollution Permitting: Title V, PSD, and minor sources
- Industrial facility siting
- Environmental Property Assessments: Phase 1, 2, and 3 assessments
- Environmental Resource Permitting
- Stormwater and Industrial Wastewater Permitting
- Civil and criminal enforcement action negotiation
- Administrative hearing and litigation support

**1993-1994: Attainment, Inc., Environmental Consulting, Keystone Heights, Florida
President**

- Industrial Facility Air Pollution Permitting: Minor sources
- Environmental Property Assessments: Phase 1 assessments
- Industrial facility compliance assessments
- NPDES Stormwater Pollution Prevention Plans

**1992-1993: Florida Department of Environmental Protection, Jacksonville, Florida
Professional Engineer/Acting Air Program Administrator**

Permitting for Title V and minor sources. Responsible for program areas including Mobile Sources, Compliance and Enforcement, Ambient Air Monitoring, and Asbestos.

1987-1992: Florida Rock Industries, Inc., Jacksonville, Florida

Operations Manager, Jacksonville, Florida, 1991-1992

- Responsible for ten operating locations and 85 employees, including employee safety and environmental compliance.

General Manager, Bartow, Florida, 1990-1991

- Responsible for six operating locations and 50 employees, including building materials sales, employee safety and environmental compliance.

Technical Services Manager, Orlando/Jacksonville, Florida, 1988-1990

- Responsible for construction materials testing laboratories and field representatives
- Design and analysis of concrete mix designs

Technical Services Representative, Gainesville, Florida, 1987

- Construction site testing and laboratory testing of ready-mixed concrete

Education

Bachelor of Science in Mechanical Engineering, Duke University, Durham, North Carolina, May 1987.
Emphasis in materials science.

Business administration core curriculum, University of Central Florida, Orlando, Florida, 1989-1991.

Certifications and Registrations

Registered Professional Engineer: State of Florida, 1992; State of North Carolina, 1996.

Certified Concrete Technologist: University of Maryland, 1988

Florida Commercial Driver's License Class A (tractor-trailer)

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PROFESSIONAL EXPERIENCE RELATED TO ASPHALT

Alachua County Environmental Protection Advisory Committee

Preparation and presentation of an *Engineering Report*, to support a permit application for the storage of milled asphalt (RAP) at a site in Alachua County. December 1995.

City of Gainesville, Florida

Appearance as an expert witness and Professional Engineer before the Development Review Board, to support an application for a site plan approval for an asphalt plant in Gainesville. August 1997,

Appearance at a public hearing of the City Commission, to dissuade the Commission from enacting a moratorium on the siting of industrial plants generally, and asphalt plants specifically. September 1997.

Retained as an expert witness and consultant by the City Attorney's Office, to support the use of asphalt as a paving material for Phase I-A of the Hogtown Creek Greenway.

Florida Department of Environmental Protection (DEP)

Professional Engineer for air permitting for numerous asphalt plants (state-wide) and an asphalt roofing manufacturer. October 1995 -- present.

Professional Engineer design and certification for a Stormwater General Permit for an asphalt plant located in Walton County. September 1996.

Professional Engineer consultation regarding potential industrial wastewater permitting at an asphalt plant in Taylor County. July 1997.

Madison County Planning and Zoning Board

Madison County Board of County Commissioners

Professional Engineer presentations to support the siting of an asphalt plant in Madison County. November 1996/January 1997.

Palm Beach County Public Health Unit

Professional Engineer for air permitting for numerous asphalt plants. October 1995 -- present.

St. Johns River Water Management District

Professional Engineer certification of a surface water management system for an asphalt roofing manufacturing plant in Clay County. January 1997.

Suwannee County Planning and Zoning Board

Suwannee County Board of County Commissioners

Professional Engineer presentations to support the siting of an asphalt plant in Suwannee County. April/May 1997.

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PROFESSIONAL EXPERIENCE RELATED TO ASPHALT (Page 2 of 2)

Suwannee River Water Management District

Professional Engineer certification of a surface water management system for an asphalt plant in Levy County. March 1996.

Professional Engineer design and certification of a surface water management system for an asphalt plant in Suwannee County. August 1997.

United States Environmental Protection Agency (EPA)

Preparation and submittal of a comprehensive response to a survey of the asphalt processing and roofing manufacturing industry. September 1997.

Professional Engineer consultation on applications for coverage under the National Pollutant Discharge Elimination System (NPDES), for numerous asphalt plants (state-wide) and an asphalt roofing manufacturer. October 1995 -- present.

United States Veterans Administration -- West Palm Beach V.A. Medical Center

Preparation and submittal of a report describing no adverse environmental impacts or objectionable odors from the siting of an asphalt plant in West Palm Beach.