



Agenda Report

2725 Judge Fran Jamieson
Way
Viera, FL 32940

Consent

F.28.

5/17/2022

Subject:

Confirmation of Thomas Mulligan, PE as Solid Waste Department Director

Fiscal Impact:

N/A

Dept/Office:

County Manager's Office

Requested Action:

It is requested that the Board of County Commissioners confirm the appointment of Thomas Mulligan, PE as Director of the Solid Waste Department.

Summary Explanation and Background:

Pursuant to the Brevard County Charter and Code of Ordinances, the Board of County Commissioners is asked to confirm the appointment of Thomas Mulligan as Director of the Solid Waste Department effective May 17, 2022.

Thomas Mulligan has been serving as the Interim Director of the Solid Waste Department since July 1, 2021. He has capably managed the Solid Waste Department since that time successfully handling numerous substantial concerns in addition to the day to day operation of this critical community service. We have attached his resume which shows over 19 years of public service experience including over 10 years with the County's Solid Waste Department. Tom is a licensed Florida Professional Engineer (P.E.) with a Bachelors Degree in Environmental Engineering.

Tom is intimately familiar with the Department and County Policies and we look forward to him continuing in this capacity as the Board Approved Department Director.

Thomas Mulligan's resume is attached for the Board's review.

Clerk to the Board Instructions:

Forward Board direction to the County Manager's Office



May 18, 2022

M E M O R A N D U M

TO: Frank Abbate, County Manager

RE: Item F.28., Confirmation of Thomas Mulligan, PE, as Solid Waste Management Director

The Board of County Commissioners, in regular session on May 17, 2022, confirmed the appointment of Thomas Mulligan, PE, as Director of the Solid Waste Management Department.

Your continued cooperation is greatly appreciated.

Sincerely yours,

**BOARD OF COUNTY COMMISSIONERS
RACHEL M. SADOFF, CLERK**

for Donna Scott
Kimberly Powell, Clerk to the Board

/ds

State of Florida Professional Engineer License No. 65660

(321) 633-2042 (w)
thomas.mulligan@brevardfl.gov

Experience:

2011 – present: Brevard County Board of County Commissioners – Viera, Florida

Assistant Department Director / Engineer – Solid Waste Management Department

Department management, staff direction, long range planning, budgeting.

Plan review and approval for expansion of gas collection, leachate collection, stormwater management systems.

Plan review and approval for solid waste landfill vertical expansions, additional cell designs.

Environmental permitting (Solid Waste, Title V air pollutant emissions, NPDES).

Environmental compliance monitoring and reporting (EPA and FDEP).

Contract management and construction oversight / certification.

Spill Protection, Control, and Countermeasure Plan preparation and certification (for all County departments).

2011 – present: Mulligan Environmental LLC – Rockledge, Florida

President / Owner

Air pollutant emission permitting and compliance reporting for industrial manufacturing facilities.

Hazardous waste management and consulting for industrial manufacturing facilities.

Facility environmental compliance auditing for industrial manufacturing facilities.

Regulatory enforcement negotiations.

Expert witness testimony.

2009-2011: Geotechnical and Environmental Consultants, Inc. – Orlando, Florida

Manager – Environmental Services Department

Oversight of departmental activities including project assignments, task assignments, field investigations, personnel performance, personnel and equipment utilization, and quarterly profit and loss.

Senior author, QA/QC review of report submittals for technical, regulatory, and grammatical correctness.

Update and maintain environmental services marketing materials including personnel resumes and informational brochures.

Preparation of Statements of Qualifications for bidding purposes.

Marketing both public and private sectors to expand and diversify client base.

Assessment, remediation, permitting, and hazardous waste consulting as described in position previously held as Project Manager/Operations Manager (below).

2006-2008: Geotechnical and Environmental Consultants, Inc. – Orlando, Florida

Project Manager / Operations Manager – Environmental Services Department

Oversight and delegation of project assignments, task assignments, and field investigations.

Management of projects including contamination assessment and remediation for public and private clients.

Preparation of Air Construction and Operating permit applications for Title-V and non Title-V sources.

Industrial facility hazardous waste program auditing and consulting.

Regulatory enforcement negotiations.

Expert witness testimony.

Creation of company GIS program, including SOPs.

Company IT Manager.

2003–2006: Florida Department of Environmental Protection - Orlando, Florida

Engineer IV / Supervisor of Compliance: Division of Air Resource Management

Oversight of Air Compliance section staff.

Coordination of facility inspections, continuing education programs, technical certifications, medical monitoring, and public information outreach.

Perform duties described in position previously held as Engineer II (below).

State of Florida Professional Engineer License No. 65660

(321) 633-2042 (w)
thomas.mulligan@brevardfl.gov

1999–2003: Florida Department of Environmental Protection - Orlando, Florida

Engineer II: Division of Air Resource Management – Compliance

Perform facility compliance evaluations of air pollution sources for compliance with federal regulations, state regulations, and FDEP permit-specific conditions.
Perform complaint-generated facility inspections of air pollution sources for compliance with federal regulations, state regulations, and FDEP permit-specific conditions.
Conduct engineering evaluations of facility emissions tests for completeness, accuracy, and compliance with state and federal regulations using on-site test auditing and calculation reviews.
Serve as expert witness in FDEP Central District enforcement proceedings.
Serve as FDEP representative on Technical Advisory Committees for Metropolitan Planning Organizations (MPOs) in FDEP Central District jurisdiction.
Review Long Range Transportation Plans for all MPOs within FDEP Central District jurisdiction.
Serve as EASIR Technical Representative for FDEP Central District (Davis Productivity Award winner).
Serve as Air Resources representative on FDEP Central District Multimedia Inspection Team.

1998–1999: Florida Department of Environmental Protection - Orlando, Florida

Engineer I: Division of Air Resource Management – Monitoring & Enforcement

Perform complaint-generated facility inspections of air pollution sources for compliance with federal regulations, state regulations, and FDEP permit-specific conditions.
Perform facility inspections of air pollution sources for compliance following DARM warning issuance or enforcement actions.
Operate and maintain ozone, PM10, and PM2.5 monitoring equipment, utilizing EPA reference and equivalent sampling methods.
Coordinator of PM2.5 sampling program for FDEP Central District, including all monitor programming, scheduling, and data management.
DARM Environmental Problem Solving Coordinator (Central District) focusing on viable alternatives to address concerns not currently covered by federal or state regulations.

1995–1998: Handex of Florida, Inc. - Delray Beach, Florida

Design Engineer / Engineer II

Design, installation, operation, troubleshooting, and modification of groundwater and soil remediation systems.
Computer modeling of groundwater systems, treatment processes, and air emissions.
Project management including proposal preparation, project staffing coordination, project budget projection and tracking, system installation management, and operation & maintenance management.
Prepare Remedial Action Plans, Remedial Action Modification Plans, Monitoring Only Plans, Tank Excavation Assessment Reports, Contamination Assessment Reports, Remedial System Installation Reports, Operation & Monitoring Reports, and Risk Based Corrective Action studies for state, county, and private clients, including work in the FDEP Pre-Approval program.
Coordinate and perform field pilot studies and engineering testing.
Coordinate and perform Environmental Assessments utilizing drilling, Geoprobe, and Cone Penetrometer technologies.

1994 - 1995: Tower Environmental, Inc. - Tampa, Florida

Associate Staff Engineer

Design of groundwater and soil pollutant contamination remediation systems.
Computer modeling of groundwater systems, treatment processes, and air emissions.
Prepare Remedial Action Plans and Remedial Action Modification Plans for groundwater and soil remediation systems.
Coordinate and perform field pilot studies and engineering testing of soil and groundwater remediation methods.

Education: Florida Institute of Technology - Melbourne, Florida
Bachelor of Science, Environmental Engineering