



APPENDIX A

Preparers and Qualifications



MATT CLAERBOUT, PE

Project Manager

Matt Claerbout is a project manager on Garver's Aviation Team with 12 years of civil engineering experience. He is well versed in FAA design and construction standards, as well as Part 139 requirements. Matt works with airport staff to develop conceptual designs and provide alternatives to work within budgetary and time constraints. In addition to his engineering experience, he has worked both as an airport planner and in operations at a Part 139 airport, giving him a unique perspective into the workings of airports and the airfield environment.

EDUCATION

Bachelor of Science,
Civil Engineering

Bachelor of Science
in Business
Administration,
Aviation

REGISTRATION

Professional Engineer,
TN, 120773

EXPERIENCE

5 years (firm)
12 years (total)

EXPERIENCE

○ **MADISONVILLE REGIONAL AIRPORT** | Hangar Apron Development

Madisonville, KY

Aviation engineer responsible for providing conceptual layout exhibits for future build out. Garver provided services for the construction of a new apron and connector taxiway to support the development of a flight training program for Madisonville Community College,

○ **COLLEGE DALE MUNICIPAL AIRPORT** | Drainage Improvements

Collegedale, TN

Project leader responsible for civil design and environmental coordination for culvert replacement. Responsible for coordinating NEPA documentation and identifying existing and proposed drainage impacts. Assisted with application for additional funding, developed cost estimates and schedules, and performed administrative coordination related to state grant.

○ **JAMES TUCKER AIRPORT** | Runway Rehabilitation Conceptual Design

Linden, TN

Project leader responsible for the design of a runway rehabilitation. Responsible for leading civil design team, project administration, design layout, engineers report, and the development of plans and specifications.

○ **HENRY COUNTY AIRPORT** | Runway Drainage Repairs

Paris, TN

Project leader responsible for the design, bid, and construction phase of a project to repair a culvert under a runway. Responsible for project administration and leading design team to fast track design and bid to repair the runway for reopening.

○ **SHELBYVILLE MUNICIPAL AIRPORT** | Taxiway for Hangar Development

Shelbyville, TN

Project manager for the development of a taxiway and associated hangar grading development. Responsibilities include project and grant administration, coordination of design efforts with client, TDOT, and design center.



COLBY MARSHALL

Environmental Specialist

Colby Marshall is an environmental specialist at Garver responsible for performing wetland delineations, jurisdictional water evaluations, industrial and construction stormwater permitting, habitat assessments, and wildlife surveys. He has completed the USACE Stream Investigation, Stabilization, and Design Workshop, Tennessee's Hydrologic Determination Training Course, and has an EPA Watershed Management Training Certificate. His experience includes Trimble GPS and ArcGIS.

EDUCATION

Bachelor of Science,
Biology

EXPERIENCE

5 years (firm)
14 years (total)

EXPERIENCE

○ MUHLENBERG COUNTY AIRPORT | Environmental Assessment

Greenville, KY

Environmental scientist responsible for assisting with focused Environmental Assessment for the Corporate Apron Expansion. The project included hangar development and apron expansion to accommodate a fixed wing flight school planned at the airport.

○ MUSIC CITY EXECUTIVE AIRPORT | Midfield Apron Expansion

Gallatin, TN

Environmental scientist responsible for drafting a wetland report and hydrologic determination and acquiring a Section 404 permit to support an apron expansion nearer the airport's center in an effort to meet the ever-growing demand for hangar construction.

○ CLARKSVILLE MUNICIPAL AIRPORT | Runway Extension

Clarksville, AR

Environmental specialist responsible for the development and coordination of a USACE individual permit for wetland mitigation. The proposed 600-ft runway extension included the disturbance of approximately one acre of existing wetlands. Coordinated with USACE and owner to execute an Individual Permit, which included mitigation credits to offset the wetland disturbance, and assisted in development of Environmental Assessment.

○ ROGERS EXECUTIVE AIRPORT | Taxiway Construction

Rogers, AR

Environmental scientist responsible for delineating wetlands along a proposed taxiway project. Responsibilities included drafting a wetland report.

○ CENTRE-PIEDMONT-CHEROKEE COUNTY REGIONAL AIRPORT | Parallel Taxiway

Centre, AL

Environmental scientist responsible for delineating wetlands along a proposed taxiway project. Assessed federally threatened and endangered species habitat and drafted wetland report and preliminary jurisdictional determination application.



EDUCATION

Bachelor of Science,
Fisheries & Wildlife
Management

REGISTRATION

Professional Wetland
Scientist, 2745

EXPERIENCE

18 years (firm)
24 years (total)



RYAN MOUNTAIN, PWS

Senior Environmental Scientist/Specialist

Ryan Mountain is a senior environmental scientist with 24 years of environmental and project management experience. Primary responsibilities include managing special environmental studies for Garver's Aviation Team, including authoring NEPA documents, performing quality control reviews, agency coordination, threatened and endangered species survey coordination, Section 404 permitting, wetland delineations, detailed wetland and stream mitigation planning and specifications, biological evaluations and habitat assessments, natural resources technical reports, noise studies, and preparing spill prevention and stormwater pollution prevention plans.

EXPERIENCE

○ MUHLENBERG COUNTY AIRPORT | Environmental Assessment

Greenville, KY

Senior environmental scientist and co-author of a short-form Environmental Assessment for a corporate hangar and fixed wing flight school facility project. Responsible for coordination with the airport director and local, state and federal agencies. Served as primary field biologist for wetland delineation required by the FAA. Project includes alternatives analysis and completion of an EA.

○ MADISONVILLE REGIONAL AIRPORT | Hangar Apron Design, Phase 2

Madisonville, KY

Environmental project manager and co-author of an EA for hangar improvements to accommodate a flight training program. Responsible for environmental project management, oversight of agency coordination and field studies, noise study, quality control reviews, coordination with FAA, and public advertisement of the environmental documents.

○ NORTHWEST ARKANSAS NATIONAL AIRPORT | Air Traffic Control Tower Construction

Bentonville, AR

Environmental project manager and primary author of an EA for the relocation of the airport traffic control tower. Responsible for environmental project management, agency coordination and field studies, quality control, FAA coordination, and USACE field verification.

○ NASHVILLE INTERNATIONAL AIRPORT | Concourse and Gate Expansion Environmental Assessment

Nashville, TN

Environmental project manager and primary author of an EA involving major infrastructure improvements. Coordinated all special environmental studies with subconsultants, lead agency, and FAA, including socioeconomic analysis, noise, air quality, wetlands, streams, and biological surveys.



CASSIE SCHMIDT

Senior Environmental Scientist

Cassie Schmidt is a senior environmental scientist at Garver with 12 years of environmental data collection and assessment experience. She has knowledge of local, state, and federal environmental regulations and guidelines, and her experience includes conducting Phase I and II Environmental Site Assessments; co-authoring NEPA documents; completing alternative analyses and functions and services assessments to satisfy Section 404 permitting requirements; preparing biological evaluations for threatened and endangered species and for jurisdictional waters and wetlands; preparing spill prevention control and countermeasure plans, stormwater pollution prevention plans, and sediment control plans; and designing and drafting wetland and stream mitigation plans for airport clients throughout Garver's footprint.

EXPERIENCE

EDUCATION

Master of Science,
Biology

Bachelor of Science,
Zoology

REGISTRATION

Federal Fish & Wildlife
Permit, TE78650B-1

EXPERIENCE

9 years (firm)
12 years (total)

○ MUHLENBERG COUNTY AIRPORT | Runway 6-24 Environmental Assessment *Greenville, KY*

Environmental scientist responsible for preparing a Wildlife Hazard Site Visit report. Conducted a wetland delineation for an additional study area within the west end of the runway approach and compiled the wetland delineation report including exhibits. Prepared a Short Form Environmental Assessment, which included a threatened and endangered species habitat assessment and effects determination, public notice advertisements, coordination of clearance with the State Historic Preservation Office, other agency coordination, and addressing FAA comments. Prepared an EDDA for land acquisition required for the proposed improvements.

○ MUHLENBERG COUNTY AIRPORT | Drainage Improvements *Greenville, KY*

Environmental scientist responsible for preparing and obtaining a Categorical Exclusion, which included an assessment of the project's effects on threatened and endangered species in Kentucky as well as coordination with USFWS.

○ MADISONVILLE REGIONAL AIRPORT | Hangar Apron Design, Phase 2 *Madisonville, KY*

Environmental scientist responsible for obtaining environmental clearances associated with this proposed hangar project. Provided Section 404 wetland and stream impact documentation; prepared a habitat assessment and effects determination for federally protected species; conducted agency coordination; researched hazardous materials, farmlands, and floodplain impacts; coordinated public notice advertisements; co-authored the focused Environmental Assessment and coordinated its review and approval by the FAA, which was following by issuance of the FONSI.



LEIGH MERCER

Environmental Planner

Leigh Mercer is an environmental scientist / planner with four years of field and technical experience. Leigh's primary responsibilities include assisting with the development of environmental studies provided to Garver's aviation, transportation, and water business lines. Her experience includes NEPA documentation, environmental impact analyses, traffic noise studies, Phase I Environmental Site Assessments (ESA), and Section 404 permitting. She is also skilled in GIS analysis and visualization. In addition to environmental consulting experience, Leigh has knowledge and field experience in geosciences from her undergraduate studies.

EDUCATION

Bachelor of
Science in Geology,
Geosciences and
General Geology

EXPERIENCE

3 years (firm)
3 years (total)

EXPERIENCE

○ DENTON ENTERPRISE AIRPORT | Stormwater Pollution Prevention Plan

Denton, TX

Environmental planner responsible for major revisions to DTO's SWP3 and SPCC documents in accordance with site visit observations, coordination with personnel, and professional judgment.

○ CORPUS CHRISTI INTERNATIONAL AIRPORT | Hangar Demolition Environmental Assessment

Corpus Christi, TX

Environmental planner responsible for co-authoring the Environmental Assessment (EA) document including analyses of environmental impacts, GIS map creation, site visitation, and Section 508 document compliance. Performed field studies and geospatial analyses in support of environmental documentation..

○ MCKINNEY NATIONAL AIRPORT | Eastside Development Environmental Assessment

McKinney, TX

Environmental planner responsible for researching and co-authoring the Environmental Assessment. Performed environmental impact analyses for hazardous materials, water resources, threatened and endangered species, and important farmlands. Performed field studies and geospatial analyses in support of environmental documentation, conducted agency coordination, and developed associated GIS map products.

○ GARNETT MUNICIPAL AIRPORT | Environmental Assessment Update

Garnett, KS

GIS analyst responsible for developing figures and analyzing geospatial data for use in the EA. Analyzed extent of impact to sensitive environmental resources using geoprocessing tools.