Environmental Division

CTB Overview
January 14, 2020

Angel Deem
Environmental Division Director
**MISSION**

**VDOT Mission:**
Our mission is to plan, deliver, operate, maintain, and support a transportation system that is safe, enables easy movement of people and goods, enhances the economy and improves our quality of life.

**Environmental Division Mission:**
Our mission is to facilitate regulatory compliance and environmental protection through leadership, accountability and continuous improvement while delivering the Commonwealth’s transportation program.
# Division Structure

**Division Director**  
Angel Deem

<table>
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<tr>
<th>Asst. Director – Project Development</th>
<th>Asst. Director – Project Delivery</th>
<th>Contracts &amp; Business Support</th>
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<tr>
<td>Cooper Wamsley</td>
<td>Ed Wallingford</td>
<td>Patrick Hughes</td>
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- **NEPA Programs**  
  - Compliance

- **Cultural Resources**  
  - Water Quality Permitting

- **Air & Noise**  
  - Threatened & Endangered Species

- **Procedures Management**  
  - MS4 Support

- **Procurement**  
  - Contract Management

- **Administrative & Training Budgets**  
  - Data Administration

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**Central Office – 43 staff**
- Procedures, Program Development
- Guidance, Technical Assistance
- Complex Project Management

**9 District Offices – approx. 100 staff**
- Project Reviews & Clearances: NEPA, Water Quality Permitting, T&E Clearance, Compliance
- Regional Staff for Cultural Resource & Hazardous Materials
Products and Services

• Regulatory Clearances
• Negotiate and Manage Efficiencies
• Statewide Environmental Business Tools & Products
• Environmental Program Administration
• Technical Assistance and Coordination
Regulatory Clearances

Cumulative Number of Federal Environmental Laws

- CAAA
- PPA
- CERCLA
- CWA
- RCRA
- TSCA
- CAA
- NEPA
Regulatory Partners

UDC
Virginia Department of Conservation & Recreation

DEQ
Virginia Department of Environmental Quality

NOAA
National Oceanic and Atmospheric Administration

US Army Corps of Engineers

NPS
National Park Service

DGIF
Virginia Department of Game and Inland Fisheries

DNR
Virginia Department of Natural Resources

U.S. Fish & Wildlife Service

DHR
Virginia Department of Historic Resources

VDOT
Virginia Department of Transportation
Identification – Avoidance – Minimization - Documentation

Resources:

- Existing Traffic
- Future Traffic Patterns
- Communities
- Community Facilities
- Farmland
- Forested Areas
- Noise
- Wetlands & Streams
- Water Quality
- Floodplains
- Wildlife & Habitat
- Threatened & Endangered Species
- Historic Structures
- Archaeological Resources
- Parks & Recreation Areas
- Hazardous Materials
- Air Quality
- Property

VDOT

Environmental Analysis Methodologies Introduction
Clearances & Commitments

- NEPA Document Approval
- Permit Acquisition - Conditions
- Project Design
- Time of Year Restrictions
- Contract Special Provisions & Copied Notes
- (R&B Specs)
Negotiate and Manage Efficiencies

- Streamlining Agreements with State Agencies
- Federal Agency Liaisons
- Programmatic Agreements
- Process Efficiencies
- State Agency Assistance
Environmental Program Administration

- Environmental Memoranda
- Performance Metrics
- General Assembly
- Reviews of Proposed Regulation
Performance Metrics

Trend of Activities over 5 years

Program Area
- Cultural Resources
- Documents
- Hazardous Materials
- Noise
- Water Quality Permits

On Time Delivery of Projects

Year of Task Act/End Date
Technical Assistance & Coordination

- SME Resource for District Staff
- Specialized Programs (Chesapeake Bay TMDL, Air & Noise)
- Technical Advisor on Design-Build and P3
- Tools/Guidance for Locally Administered Projects
- Environmental Research
Environmental Staff in Action
Environmental Staff in Action