



October 16, 2018

Division of Environmental Assistance and Customer Service

*Department of Environmental Quality*



# Department of Environmental Quality's Mission Statement:

*“Providing science-based environmental stewardship for the health and prosperity of ALL North Carolinians.”*



**Environmental Protection**  
is not mutually exclusive from  
**Economic Development**



# Division of Environmental Assistance and Customer Service



- Non regulatory
- Technical, permitting, financial assistance
- Economic development partner



# Environmental Assistance Coordinators



Does your project involve:

Permitting requirements vary according to the project type and individual site location. Analyze your project by asking these questions below.	Municipal & County Government	Federal Agencies	Other State Agencies	Water Resources	Air Quality	Coastal Management	Energy, Mineral & Land Resources	Waste Management
Involve a bridge or a culvert(s)?	*	*	*	*	*	*	*	*
Involve the addition of any materials or fill to surface waters or to a wetland?	*	*	*	*	*	*	*	*
Involve any work in the water, over the water or wetland(s), or on high ground near the water (e.g., buffer zones, riparian areas, etc.?)	*	*	*	*	*	*	*	*
Involve land disturbance or construction proposed on a barrier island or mainland shoreline?	*	*	*	*	*	*	*	*
Result in stormwater discharge to surface waters or wetland(s)?	*	*	*	*	*	*	*	*
Involve site grading, filling, excavating or any land clearing?	*	*	*	*	*	*	*	*
Involve a wastewater discharge into surface waters or wetland(s)?	*	*	*	*	*	*	*	*
Involve a new wastewater discharge or the installation of any type of sewer collection system?	*	*	*	*	*	*	*	*
Involve the disposal of wastewater in a manner other than discharging to surface waters?	*	*	*	*	*	*	*	*
Divert or obstruct the natural flow; or change the natural bedding or bank of the creek or any surface water?	*	*	*	*	*	*	*	*
Involve the demolition of an existing structure?	*	*	*	*	*	*	*	*
Involve the installation or abandonment of any type of well?	*	*	*	*	*	*	*	*
Involve constructing or expanding a public or shared waterline?	*	*	*	*	*	*	*	*
Involve providing drinking water for greater than 15 connections or greater than 25 people?	*	*	*	*	*	*	*	*
Involve development within a coastal county?	*	*	*	*	*	*	*	*
Require using or removing materials from the ground or a streambed?	*	*	*	*	*	*	*	*
Involve the management, treatment, storage and/or disposal of hazardous/solid waste?	*	*	*	*	*	*	*	*
Involved in an activity that results in the abatement or emission of an air pollutant?	*	*	*	*	*	*	*	*
Involve the installation of an air pollution control device?	*	*	*	*	*	*	*	*
Involve installing, owning, removing or operating an underground or aboveground storage tank?	*	*	*	*	*	*	*	*

Permit Assistance By the Numbers

**507**  
Express Permitting and scoping meetings facilitated for DEQ customers.

**1043**  
Regulatory assistance inquiries handled.

**23,632**  
Total customer service interactions provided, including phone calls and emails.

Based on 2017 data

Visit DEQ's Online Permit Resources:

- Permit Handbook
- Permit Toolbox
- Permit Tracker

on our website at <https://deq.nc.gov/permit-assistance>.

- Serve as non-regulatory liaison with client and DEQ regulatory staff
- Provide customized permit assistance and coordination
  - Tailored permit lists
  - Timeline development
  - Application tracking
  - Coordinate DEQ SEPA
  - Coordinate Express, pre-application, multi-agency permit scoping and compliance assistance meetings
- Provide specific info for site selection evaluation
- Assist with environmental questions on “Requests for Information”
- Identify opportunities to leverage NC tax certification program
- Serve as DEQ Prosperity Zone Liaison



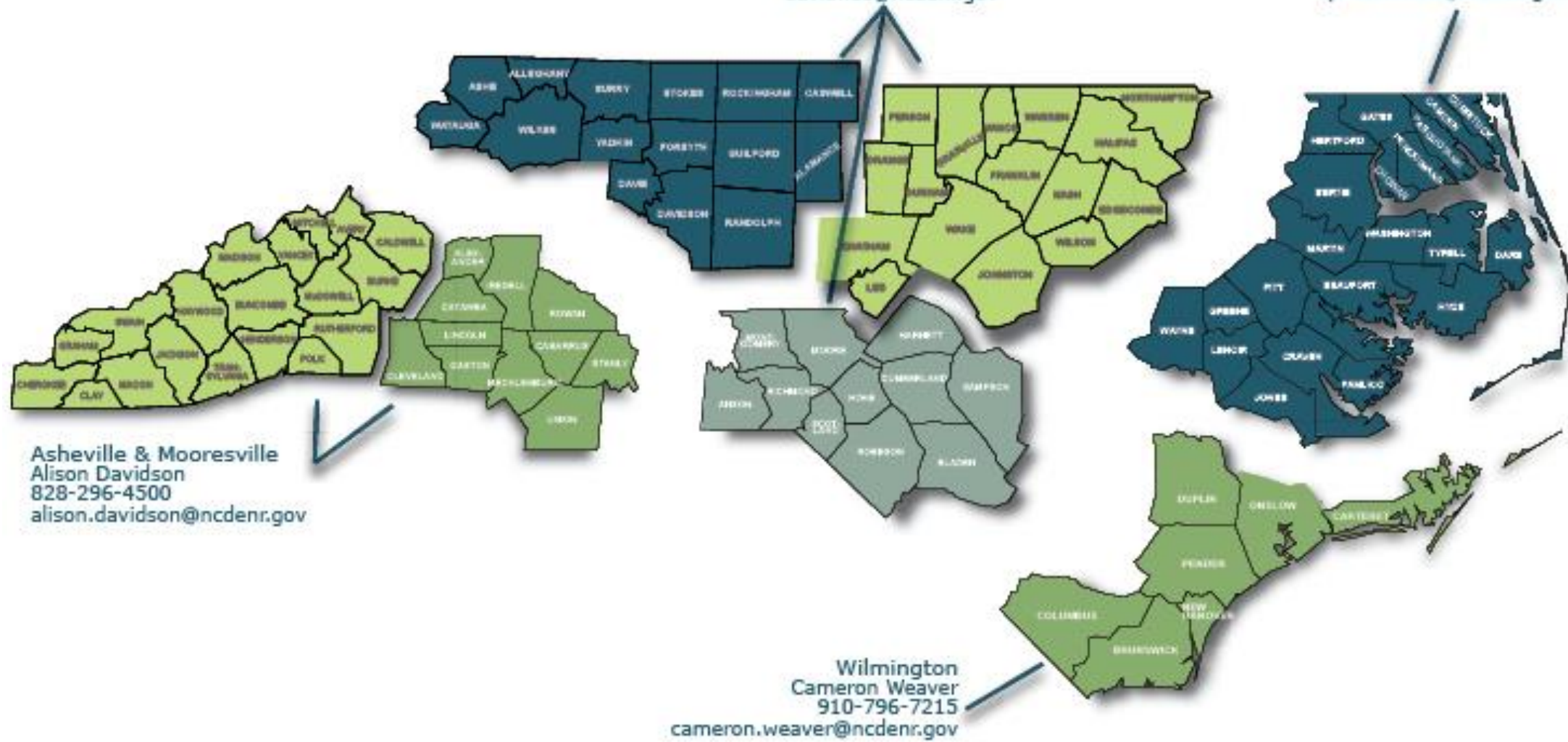
Jamie Ragan, DEACS Division Director  
[www.ncenvironmentalassistance.org](http://www.ncenvironmentalassistance.org)  
 Toll-Free: 1-877-623-6748 Rev. 8-18





Raleigh & Fayetteville & Winston-Salem  
David Lee  
919-791-4200  
david.lee@ncdenr.gov

Washington  
Lyn Hardison  
252-946-6481  
lyn.hardison@ncdenr.gov

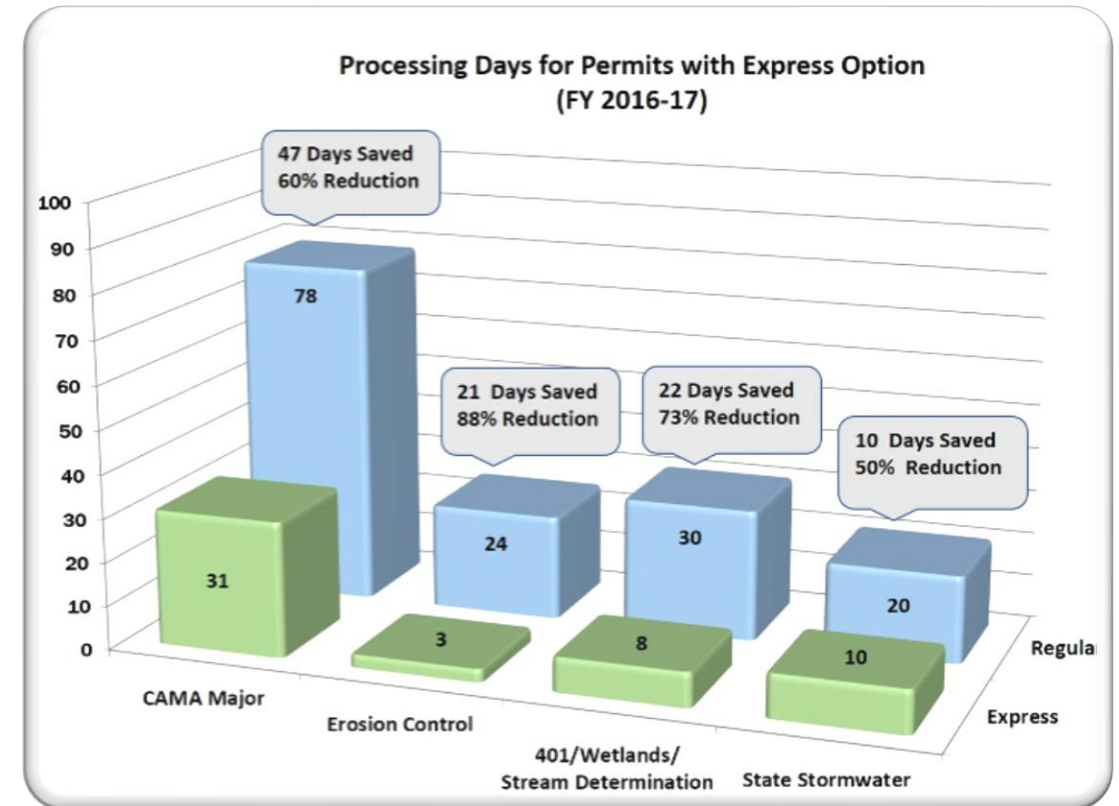


Asheville & Mooresville  
Alison Davidson  
828-296-4500  
alison.davidson@ncdenr.gov

Wilmington  
Cameron Weaver  
910-796-7215  
cameron.weaver@ncdenr.gov

# Express Permitting

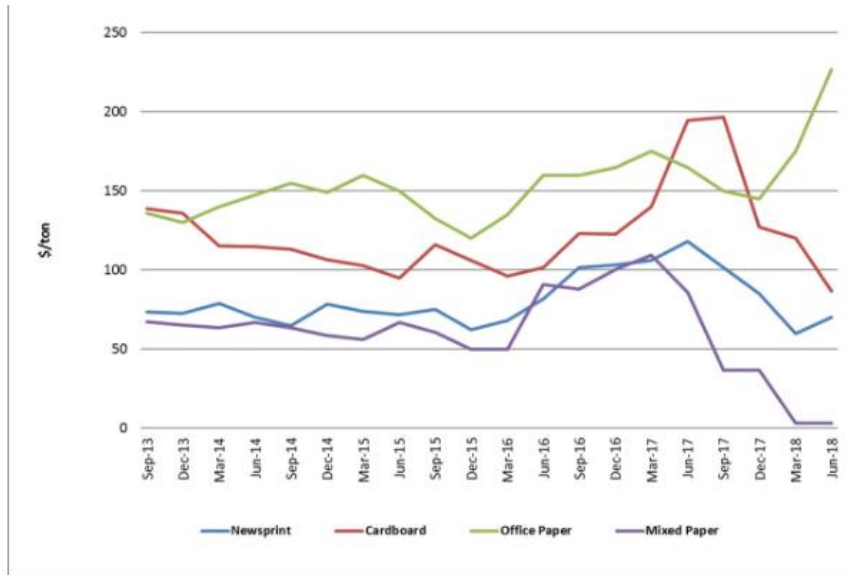
- Offers more timely review process for environmental permits required for development
- Includes consultation to identify necessary environmental requirements
- Requires pre-application meeting
- Expect higher fee for expedited permit
- Express program options:
  - Coastal Area Management Act-Major Permits (DCM)
  - Coast State Stormwater Permits (DEMLR)
  - Erosion and Sedimentation Control Plans (DEMLR)
  - Wetland Certifications/Stream Determinations (DWR)



# Recycling Business Assistance Center



- Works directly with EDPNC to recruit new recycling industry
- Provides market research
- Assists in sourcing recyclable materials and organic matter
- Offers Recycling Business Development Grants
- References additional funding sources such as loans and venture capital opportunities
- Develops and distribute Recycling Works Newsletter: recycling topics, financing opportunities, commodity market updates, new technologies
- Manages Recycling Markets Directory and Waste Trader



Five Year Pricing Trend for Recyclable Fiber Commodities





# Waste Reduction Partners

- Non-regulatory
- Typically no cost
- Assist facilities improve environmental and energy management through efficiency techniques that save money
- Provides consulting services using retired engineers and scientists
- Conducts onsite assessments and provides cost saving strategies and resources



# Environmental Stewardship Initiative

- DEQ recognition program
- Promotes and encourages superior environmental performance
- Voluntary program; no cost
- Going beyond compliance while conserving natural resources and resulting in economic benefits
- Over 200 member sites
- Networking and training benefits



[www.ncesi.org](http://www.ncesi.org)

2016 ESI Members Reported Reductions			
	Area	2016	Unit
Reductions	Air Emissions	2,973	Tons
	Greenhouse Gas Emissions*	3,562	Metric Tons CO2e
	Hazardous Waste	314	Tons
	Landfilled Waste	2,535	Tons
	Energy	291,695	mmBtu
	Water Use	1,239,254,545	Gallons
	Material Consumption	376	Tons
	Wastewater Pollutants	806	Tons
	Wastewater Volume	230,263,919	Gallons
	Totals	Biomass Recovery**	93,888
Total Recycled Volume		150,194	Tons
Total Cost Savings		\$ 8,221,014.67	
*Indirect not reported in energy reductions			
**Category created for compost/mulch related goals			

Table 1: 2016 ESI Members Reported Reductions





Because every mile matters.™



UCHIYAMA AMERICA INC.



Smithfield



StanleyBlack&Decker



JOHN DEERE



# DEQ Permitting Transformation Project

## Top Goals

1

Online Permitting Interface: Create a web-based portal to apply, track and pay for permit applications.

2

Online Searchable Database: Develop a web-based searchable data "warehouse" for permit details, compliance issues and enforcement actions.

3

Streamline Permitting Process: Ensure a consistent and efficient permitting process throughout DEQ.

4

Reduce and Prevent Backlog: Improve processes and identify efficiencies.

5

Improve Communication and Transparency: Develop outreach efforts to maintain an open dialogue between DEQ and all stakeholders.

## Online Permitting Interface

- Permit Tracking
- Permit Application
- Permit Payment
- Permit Database Warehouse
- Compliance and Enforcement Actions

Permit Submitted

Permit Accepted

Permit in Review

Permit Issued





# Egger Wood Products



- Developed customized permit list and organized meetings with regulatory staff
- Clarified requirements and tracked permit issuance
- Provided recycled wood generation/availability data
- Arranged and facilitated tours of potential feedstock suppliers
- Provided economic incentives available to recycling companies
- Connected with NC recycling industries and continues providing potential wood suppliers



# Sierra Nevada Brewing Company

- Provided regulatory and permitting assistance
- Assisted with Express Permitting meeting
- Assisted LEED construction efforts by researching markets for hard-to-recycle construction material residuals
- Provided detailed glass recycling marketing and cost analysis
- Awarded Recycling Business Grant to finance investment at America Recycling furthering economic development in Asheville
  - Glass bunker to manage glass from several breweries



# More Examples of DEACS Assistance

- 2017: **American Fiber and Finishing** in Albemarle
  - Assistance with cotton by-product
  - WRP/DEACS identified recycler
  - Over 250 bales of material recycled
- 2018: Company in eastern NC
  - EDPNC referral
  - Assistance with managing wood waste
  - WRP/DEACS researched wood waste recycling markets-found 2 potential options
  - Diverted material from landfill
  - Cut wood waste management costs in half
- 2017-18: EDPNC industrial reps referred 51 industrial clients for waste reduction/cost savings
  - WRP has been to 23 of 51



American  
Fiber &  
Finishing



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# Contact Information

Jamie Ragan, Director

Division of Environmental Assistance and Customer  
Service

[Jamie.ragan@ncdenr.gov](mailto:Jamie.ragan@ncdenr.gov)

919-707-8141

