

***Environmental
Stewardship
Initiative Updates***

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ESI Overview

PEER-TO-PEER PROMOTION OF ENVIRONMENTAL EXCELLENCE

- DEQ **recognition** and leadership program
- **Free** and **voluntary**
- Promotes **outstanding environmental performance** and **networking**
- Support going beyond compliance by **conserving** natural resources and resulting in **economic benefits**
- Grown from 28 members in 2002 to 107 members at 210 sites



Membership Updates



107 members at 210 sites

30 Stewards

10 Rising Stewards (1 new)

65 Partners



Applications

7 new members since last conference

2 pending

1 new Rising Steward Application



Membership Overview

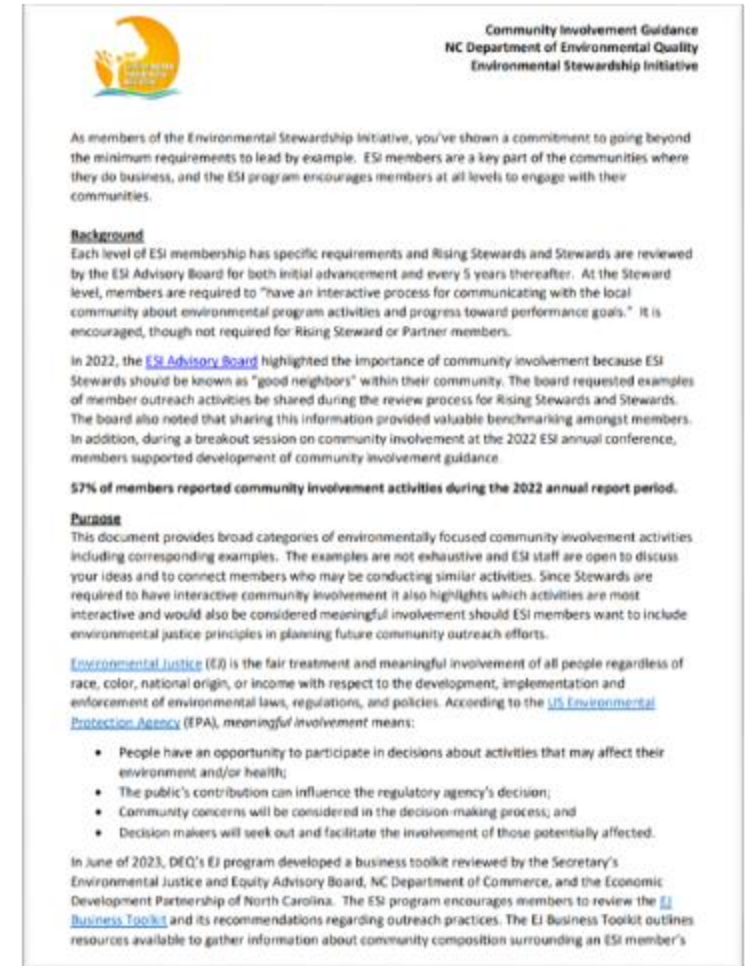


Environmental Stewards



DEQ/ESI Updates

- Open positions
 - Section Chief
 - 2 coaches
- Completed EJ overview for all Stewards-available by request for other levels
- Added EJ Business Toolkit in new member welcome packet
- Created outreach overview guidance document
- Finalized new online tool annual report submission through Laserfiche
- Shared new employee ESI overview slides to assist with onboarding
- Completed development of individual member profiles
- Updated new Success Stories
- Applied for 2024-2026 EPA P2 grant



Overview of Events

- EBS: Uchiyama Manufacturing America LLC, ProMoss
 - *October 2023*
- NC State Course mentorship
- Steward/Rising Steward PFAS discussions
 - *October 2023 & March 2024*
- Chemical Manufacturing networking event
 - *April 16 at US EPA*
- EMS Module training series
 - *June- December*
- Advisory Board Meeting
 - *Spring & Fall*
 - *17 member – renewals*
- Steward Forum
 - *July 2024*
- Environmental Symbiosis Meetings with Grifols and Novo Nordisk
 - *April & August*
- DEACS volunteer days (stream clean up and food bank)
- 4 Conference Booths
 - *NCWGA, Wilmington Safety School, NCMA-EEHS, Carolina Star*



2023 Annual Report Results

- Laserfiche Updates
 - May allow for retrieval of prior year report moving forward
 - Includes save function
 - Password – staff can access if forgotten

Reductions	Value	Units
Material Consumption	54	Tons
Air Emissions	750	Tons
Hazardous Waste	2,050	Tons
Wastewater Pollutants	25,300	Tons
Landfilled Waste	63,906	Tons
Greenhouse Gas Emissions*	842,766	Metric Tons CO ₂ e
Energy Use	1,068,305	MMBtu
Water Use	235,238,400	Gallons
Wastewater Volume	527,240,672	Gallons

Reuse	Value	Units
Biomass Recovery**	1,043	Tons
Total Recycled Volume	4,242	Tons

\$6,270,591

Total Cost Savings

*Indirect not reported in energy reductions

**Category created for compost/mulch related goals



ESI Advisory Board

Representation	Organization	Term (end date)	Representative	Term	Steward
Academia	NCSU	9/30/2027	Dr. William Paige	Second	No
Agribusiness	Smithfield Packing - Wilson	12/31/2024	Brandon Farley	First (Rnd 2)	Yes
At Large	TE Connectivity	12/31/2027	Michelle Kareis	Second	Yes
At Large	John Deere Turf Care	12/31/2026	Dan Budreau	Second	Yes
At Large	Firestone Fibers and Textiles	12/31/2026	Rosie Huffman	Second	Yes
Environmental and Citizen NGOs	open				
Industrial Trade Group	NCMA	12/31/2026	Jimmy Carter	Second	No
Large Business	Daimler Trucks North America - Cleveland	12/31/2026	Garrett Christy	Second	Yes
Large Business	Grifols Therapeutic	12/31/2027	David Auge	Second	Yes
Large Business	Leggett & Platt ON64	12/31/2027	Bill Covert	Second	Yes
Local Government	Mecklenburg County Solid Waste	12/31/2024	Darren Steinhilber	First	No
NC DEQ - Chair of ESI	DEQ	Continuous	Andy Miller	Continuous	No
Small Business (Temp)	Uchiyama MFG America LLC	12/31/2025	Teddy Chrisman	First	Yes
Small Business (Temp)	Eaton - Youngsville	12/31/2025	Jarred Botts	First	Yes
State or Federal Facilities	US EPA	12/31/2025	Kaitlin Hartman	First	Yes

Upcoming Events

- EBS: MCSW
 - *December 17*
- Environmental Symbiosis Meeting
 - *December - TBD*
- Chemical Manufacturing Sector networking event
 - *December -TBD*
- EMS Module 5 training
 - *November 13*
- Steward/Rising Steward PFAS discussion
 - *January -TBD*
- Fall Advisory Board Meeting
 - *November 19th*
 - *6 members – renewal/new RS*
- Working to reschedule regional networking event



Questions

