**ACEC/NC and PENC Joint Environmental and Energy Committee**

**Meeting Date & Time:** December 2, 2021 11:30 am to 1:00 pm

**Location:** KCI Associates of NC, P.A. 4505 Falls of Neuse Rd #400, Raleigh, NC 27609 In-Person and MS Teams Call

**Meeting Notes**

* Welcome, Introductions
	+ Leah Young, P.E., KCI, (PENC Co-Chair) – KCI Introduction
	+ Chris Windley, P.E., CJS (ACEC Co-Chair)
	+ Matthew Fogleman – Board Liaison
	+ Katrina Feltes - Speaker
* Presentation - Update on NCDOT Integrated Project Delivery and Project Delivery Network Process – Katrina Feltes with HNTB
* Goals for 2021/2022
	+ Identify Vice-Chairs for the Environmental Committee – Still in Progress
	+ Identify Chairs and Vice Chairs for Subcommittees
		- Only need Vice-Chair for Environmental Subcommittee
		- Justin Frabriziani to be Vice Chair for the Solid and Hazardous Waste Subcommittee
	+ Re-engage NC DEQ leadership and host regular meetings (2-3 per year)
		- Co-Chairs of E/E Committee are in progress of reaching out to NCDEQ to set up first meeting
			* Looking to reach out to Jennifer Mundt at beginning of year to discuss upcoming legislation, policy updates and topics of committee interest
		- Co-Chairs are looking for Subcommittee input for topics to address with DEQ
			* Members to provide topics of interest by January 7
	+ Increase outreach to other regions beyond Raleigh / Charlotte to promote a wider membership
		- Co-Chairs encourage subcommittees to reach out to other members and/or outside the Professional Engineering Field community
		- Future Leaders 2020/2021 classes are being included on E/E meetings and events invites.
		- Continue virtual meetings as it allows for broader participation.
	+ Host the Environmental /Energy Networking Event in March 2022, if safe to do so.
		- Potentially looking at Asheville/ Wilmington location for presentations / social event (maybe 1 pm – 6:30 pm)
		- Door prizes and trivia at local restaurant to follow is an option being considered
	+ Outreach programs to encourage school-age children to get more involved in engineering
		- Local Boy Scout troops – Engineering Merit Badge
		- PENC Engineers Week – Middle School STEM talks (Matthew Fogleman to assist)
			* Scheduled for February
			* Matt & Chris to set up coordination call
		- MATHCounts (PENC / Amit Sachan – Triangle Chapter Chair)
		- Future Cities
			* ACEC Email sent out on 11/3 requesting judges
			* Essay judging to begin Dec 4th – Dec 22nd
			* Model slide shows to be submitted Dec 22nd with judging between Dec 24th – Jan 7th
			* Video presentations submitted on Jan 8th with judging between Jan 12th – 13th
		- Co-Chair Chris Windley is looking into BSA Exploring program as option
			* Program that looks to connect with local businesses to develop a club/post for kids to teach specific disciplines and career opportunities
			* Usually once/month
			* Chris to send out separate email and presentation with local contact, Charles Flowers
			* Looking for 1 firm/month to do a presentation to kids about the different committee disciplines
			* All activities are insured through BSA
* Subcommittee Reports: (5 minutes each)
	+ Environmental - Katherine Mather (Chair)/ TBD (Vice-Chair)
* No updates
	+ Solid & Hazardous Waste - Sean O’Neal – Catlin (Chair)/ Justin Frabriziani (Vice-Chair)
* Met with Division of Waste Management section chiefs on October 6th
* Around 10 ACEC members virtual
* New Secretary of DEQ – Elizabeth Biser
* Julie Boosley (former Hazardous Waste Section Chief) has been promoted to Deputy Director
	+ Currently looking for replacement Julie’s position
* Janet McDonald (formerly AEC Program Manager) has fill Charlotte Jesnick position (retired)
	+ Still acting as AEC Program Manager until replacement hired
* PFAS standards are being reviewed at state level
* Current state standard is 140 parts per trillion; however federal level is 70 parts per trillion and may drop further
* Superfund section changes – reduced number of days to respond to incident from 180 days to 90 days
* Remind everyone about short-term exposure limits to TCE; provide a powerpoint
* Brownfield program – staff shortages, had 6 positions advertised, 4 have been filled; going slower with redevelopment applications. Strongly suggest to do the redevelopment permits
	+ 60% of applications are redevelopment
	+ Over 100 applications anticipated for 2021
	+ Anticipating having a stakeholders meeting in early December; unknown if meeting has occurred
* UST section doing well; last year closed 511 sites; one of a handful of states that have surpassed
* Hazardous Waste – TCE in groundwater is a certain level, have to do a vapor intrusion study; have been finding that indoor air quality have high level; have to notify within 72 hours, sometimes the TCE is from an indoor source
	+ DEQ is looking for thoughts/guidance from ACEC for list or fact sheets of chemicals or other regulations for indoor sources
	+ One Water - Will Larsen, PE – The Wooten Company (Chair) / Brian Oschwald (Vice-Chair)
		- Have not had subcommittee meeting since last quarterly meeting
		- Funding packages – 4 different pools that are earmarked for disciplines within One Water
			* Covid-19 Funds (ARPA)
			* Infrastructure bill
			* Passage of NC state budget - $1.6 billion appropriated for drinking water / clean water; broken down 4-5 categories including drinking water / clean water reserve, viable utilities, stormwater infrastructure and others
			* Many funds have already been appropriated to specific municipalities
			* Supplemental funds pushed from CGB programs
		- Division of Water Infrastructure rolling out streamlined review process – this is intended to weed out rehabilitation projects to make room for more complex reviews
		- One item for discussion with DEQ – clarification from DEQ leadership how they intend to roll out all these different funding programs. Do they have any overarching plans and how they intend to make it as efficient as possible for municipalities
	+ Energy - Steve Kerlin – Terracon (Chair) / Brandon Finch – McAdams (Vice-Chair)
* HB 951 – pave way for non-utility based projects in NC
* Changes landscape of how energy is produced in state – more solar and off-shore wind
* Mid-Atlantic region is more of the same – similar advancement to renewables, from 40% to 80% in the next 30 years
* Upcoming Meetings:
	+ Future 2021-2022 Joint Environmental Committee Meetings are tentatively scheduled as follows – More information to come
		- 3rd Quarterly Meeting – February 17th, 11:30 am – 1 pm
		- 4th Quarterly Meeting – May 18th, 11:30 am – 1 pm
	+ Tentatively Networking and Educational Event – March 17, 10:30 am – 2:30 pm, Location: TBD
	+ Looking for Presentations for next two quarterly meetings.
	+ Looking for lunch sponsors and location sponsors for next two quarterly meetings.
* Closing Comments