

AGENDA for Technical Workshop #1 for Christina River and Brandywine Creek Sediment Remediation - Tuesday, September 10, 2019

#	Time	Min.	Presentation Title	Presenter(s)	Organization	Presentation Details
	8:00	30	COFFEE & CONTINENTAL BREAKFAST			
W-1	8:30	15	Welcome & Introduction	Marian Young John Williams	BrightFields Christina Conservancy	Christina River; vision for sediment remediation & ecosystem restoration; steps in the RI/FS process; data collection & management; collaboration; public transparency; community involvement; funding options
W-2	8:45	30	Comments from Elected Leaders (invited): Gov. John Carney, Sen. Tom Carper, Sen. Chris Coons, Rep. Lisa Blunt Rochester, County Executive Matt Meyer, Mayor Mike Purzycki			Support for clean water and coastal resilience; Eco-Restoration in other areas of the country; upcoming legislation; potential funding opportunities
SESSION A - VISION, RIVER MONITORING, CLEANUP HISTORY, GOALS						
A-1	9:15	15	Christina Conservancy Accomplishments	Lynn Williams	Christina Conservancy	History of Christina Conservancy; River Cleanup progress; photos & stats of annual trash quantities; land preservation; bathymetric survey; non-profit support
A-2	9:30	15	Brandywine & Christina State of the Watershed	Gerald Kauffman	University of Delaware	Delaware River Watershed Initiative (DWRI) vision, history, accomplishments, goals. Focus is on nutrients, chloride, DO, TSS, & bacteria. Segway to John Cargill to talk about toxics.
A-3	9:45	15	WATAR Studies & Targeted PCB Cleanups	John Cargill	DNREC Remediation & Watershed Stewardship	Vision/History of DNREC's WATAR Program; studies/findings (water column; fish tissue) targeted PCB cleanups; goals, including lifting of fish advisories. Priority areas. River segments to begin on.
A-Q/A	10:00	15	Questions for Session A Presenters			Questions for Lynn Williams, Gerald Kauffman & John Cargill
	10:15	15	BREAK			
SESSION B - PREVIOUS RIVER CLEANUPS, LESSONS LEARNED & RECOMMENDATIONS						
B-1	10:30	15	25 Years of Coastal Resource Restoration	Tom Brosnan	NOAA	History of DAARP (Natural Resource Damage Assessments (NRDA) process; accomplishments; lessons learned; goals in Delaware watershed; recommendations
B-2	10:45	15	The Green Infrastructure Opportunity - Wetland Restoration & Creation	Ed Bonner	USACE	River sediment cleanup alone is not enough to create thriving fish habitat; need adjoining wetlands and forest buffers; restoration opportunity is better today because green infrastructure helps mitigate climate change
B-3	11:00	15	Learnings from major River Sediment Remediation Projects	Ram Mohan	Anchor QEA	Previous river cleanups; cost ranges of sediment remediation to help set fundraising goals; approach & recommendations for Christina & Brandywine; remediation scenarios; partnering with federal agencies
B-Q/A	11:15	15	Questions for Session B Presenters			Questions for Tom Brosnan, Ed Bonner & Ram Mohan
SESSION C - CHARACTERISTICS OF A CLEAN RIVER HABITAT						
C-2	11:30	10	Habitat Goals for Healthy Shellfish	Danielle Kreeger	Partnership for the Delaware Estuary	Current shellfish status; mussel life cycle; what mussels need to thrive; other shellfish; invertebrates
C-3	11:40	10	Habitat Goals for Healthy Fish	Ian Park	DNREC Fish & Wildlife	Describe thriving fisheries that previously existed in the Brandywine and Christina; current fish status; what do fish need to thrive? What does a healthy fish habitat look like? How to measure success?
C-1	11:50	10	Restoration Goals for River Ecosystems	Karin Olsen	Anchor QEA	Deriving Risk-Based Goals for River Sediment Remediation; why it's important; how these goals are used
C-Q/A	12:00	15	Questions for Session C Presenters			Questions for Danielle Kreeger, Ian Park & Karin Olsen
	12:15	45	LUNCH UNTIL 1:30			
C-4	1:00	30	River Restoration on the National Scale	Collin O'Mara	National Wildlife Federation	River Sediment Remediation and Ecosystem Restoration projects around the country/world
SESSION D - LOCAL PROGRAMS & PROJECTS ON THE RIVERS						
D-1	1:30	15	Brownfield Redevelopment Successes	Megan McGlinchey	Riverfront Development Corporation (RDC)	Vision for the Rivers; redevelopment over past 21 years; Peterson Urban Wildlife Refuge; Christina River Bridge; next frontiers are South Market Street, 7th Street Peninsula & North Brandywine
D-2	1:45	15	North Brandywine Redevelopment Plan	Matt Harris	Wilmington Planning Dept.	Vision; EPA brownfield planning grant; WILMAPCO transportation planning; eco-restoration
D-3	2:00	15	South Wilmington Wetland Park	Justin Reel	Rummel, Klepper & Kahl	Vision & goals; design overview; challenges; construction schedule; sewer separation
D-4	2:15	15	Data Hosting & Management	Robb Wright	NOAA Spatial Data Branch	NOAA's ERMA system (Environmental Response Management Application) as project data repository; accessibility to public; data types, quality & approval; overview of bathymetric survey
D-Q/A	2:30	15	Questions for Session D Presenters			Questions for Megan McGlinchey, Matt Harris, Justin Reel & Robb Wright
SESSION E - ROUND TABLE DISCUSSIONS & FLIP CHARTS (discussion leaders listed)						
E-1	2:45	45	Fund Development Team Approach	Jenna Harwanko, BrightFields; Ram Mohan, AnchorQEA; Todd Keyser & Karen Bennett, DNREC		Discussion of funding sources and options
E-2	2:45	45	Risk Assessment and Remediation Goals	Karin Olsen, AnchorQEA; Kim Brinson, BrightFields; John Cargill, DNREC; Upal Ghosh, UMBC		Discussion of ecological risk assessment and remediation goals
E-3	2:45	45	Outreach to Stakeholders & Community	Marian Young, BrightFields; Jen Adkins, JA Associates; Bill Swiatek, WILMAPCO		Who are our stakeholders? Discussion of methods and options for engaging stakeholders
E-4	3:30	15	Report Outs from Round Tables	Facilitators		Quick summaries of discussion highlights.
E-5	3:45	30	Wrap-up	Marian Young, BrightFields; Ram Mohan, AnchorQEA, Todd Keyser, DNREC		Overview and highlights of what we learned today and next steps. Plus final group questions/recommendations.
	4:30		NETWORKING			
						Timothy's Riverfront Grill, 930 Justison Street (exit NCC Chamber, turn right on Riverwalk, walk to Timothy's)