



# Watersheds and Embayments

## Work Group

### Meeting Minutes

**Wednesday, November 13, 2019: 10:00am-12:00pm**

**Attendees:** Casey Personius, NYSDEC; Mark Parker, CTDEEP; Sarah Deonarine, MHBPC; Sally Kellog, SSER; David Burg, LIRPC; Jeremy Campbell, NYSDOS; Tracy Brown, STS; Kristin Kraseski, NYSDEC; Susan Peterson, CTDEEP; Marybeth Hart, CTDEEP; Eric Budane, CTDEEP; Carlos Budera, CTDEEP; Judy Preston, CTSG; Sarah Lionsdale, Suffolk County Planning; Jaime Vaudrey, UCONN; Mark Tedesco, EPA; Nikki Tachiki, EPA; Jimena Vascasilla, NYSG; Richard Friesner, NEIWPC; Leah, O'Neill, EPA; Kai Førlie, WaterWise Vermont; Bessie Wright, EPA; Christianne Maurguerite, TNC; Conor Lally, Nutrient Networks; Kim Nace, REI; Abe Noe-Hays, REI; Dorian Dale, Suffolk County; Rachel Neville, SSER; Victoria O'Neill, NYSDEC; Liana Simpson, NYSDEC

#### Welcome and Introductions:

The meeting began with self-introductions at 10:05AM.

#### Presentations:

##### **The Rich Earth Institute - Installations Demonstrate the Feasibility of On Site Urine Nutrient Recovery – *Kim Nace, Abraham Noe, and Conor Lally***

Kim Nace, Abraham Noe, and Conor Lally gave an overview of the urine reclamation work that the Rich Earth Institute has been progressing. This included an extremely informative summary of urine diversion toilet options and technology, collection, treatment, application and risks. The presentation was followed by an active question and answer session covering various topics including proper application for nutrient control, cost and feasibility of upscaling, and regulatory considerations. The full Webinar can be downloaded here.

Link to a paper mentioned by Dorian Dale. [Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring.](#)

#### Discussion:

Following the webinar, which was open to the public, the WEWG members stayed on the call to discuss outcomes of the October Management Committee meeting. One of the outcomes of the MCM was a list of priority projects for FY2020 proposal development and topics of importance in need of development and refinement for potential funding in future years. Each project or topic was assigned a lead group. These were sent out as part of the LISS enhancement proposal guidance. A few of the topics were assigned to the WEWG. Casey gave a quick summary of these topics for the group. WEWG specific topics from the enhancement proposal guidance are in table below.

**Action Item: WEWG members please review topics and identify potential projects that are feasible and support the goals of the Work Group and CCMP. All ideas welcome. Send project ideas to Casey by COB on Monday, December 30.**

<b>Topic for Further Discussion</b>	<b>Lead</b>	<b>Notes</b>
<b>Scope opportunities and work to fund OWTS upgrades</b>	WEWG/EPA	Legal issues with public funding for private systems, but could also facilitate/coordinate upgrades
<b>Expand bacterial monitoring &amp; evaluations</b>	WEWG	Consider existing routine monitoring and special surveys
<b>Determine optimal suite of BMPs to achieve NPS reductions</b>	WEWG	Might best be done in the context of sub-basin watershed plans
<b>Pair emergent contaminants with nitrogen reductions and research</b>	WEWG, CTDEEP	NCCA call to discuss adding NCCA stations to CTDEEP sampling.
<b>Increase support for water resource planning and management</b>	WEWG	Funding currently available under LISFF

### **2020 Meeting dates:**

The group agreed upon the following meeting dates for 2020. All meetings are currently scheduled from 10am-12pm but potentially subject to change.

- Feb. 5
- May 13
- Aug. 12
- Nov. 18