



LGROW Technical Committee

Meeting Notice

To: LGROW Technical Committee
Where: Zoom <https://zoom.us/j/97539999781?pwd=aWVmWjNnUElvWVpwWFBNVk43Si9VQT09;>
When: Wednesday, December 16, 2020, 1:00 p.m. – 2:30 p.m.

Minutes

1. Welcome and Introductions
 - a. Last meeting was June 17, virtual
 - b. Attendance: Cara, Aaron, Jim, Wendy, Eileen, Peter, Dan, Shynyn, Rachell
2. New Committee Chair
 - a. Aaron has been chair for about 4 yrs of this committee, and is passing off the Tech Committee Chair to Peter Klooster, Stormwater Engineer, City of Wyoming
3. LGROW Update
 - a. MS4 Permits
 - i. Still waiting to hear from Lansing Permits section, supposedly they are waiting for the revised TMDL Plan
 - b. Committee Updates
 - i. SWOrd- met earlier this week, working on the LGROW Design Spreadsheet
 - ii. Sustainability- Dan T is new chair, working on grants for the Water Trail, still working on RCPP- ag outreach, River Project is moving along slowly, discussion of Resilience Plan
 - iii. Public Ed- met last month, focused on the updated progress reporting form that we will be using moving forward, this committee will now meet quarterly aligning with seasons, Shynyn presented Rainscaping for Businesses
 - iv. Subwatershed- hard to get that group together virtually
 - c. Progress Reports
 - i. Blank logbooks to go out after the first of the year
4. TMDL Manual Submitted in July
 - a. EGLE Comments in October
 - i. LGROW owes EGLE a draft

- ii. EGLE wants us to tie this to Operational BMPs, and the IDEP
 - 1. LGROW doesn't test for E. coli or TSS in our IDEP
 - iii. Need to prioritize outfalls in order to measure end of pipe pollution
 - 1. How do we relate to the IDEP process- add E. coli and TSS to follow up process for places that have flow in dry weather
 - 2. Want to limit wet-weather screening- need prioritize
 - a. Is there a way to prioritize ag lands, or areas that septic's
 - b. Want to layer the modeling that LimnoTech did about high concentration areas
 - c. Percentage of OF's monitored?
 - 3. We spent time choosing our road stream crossing, don't we need the in stream data if we want to narrow down our contribution
 - a. Part of the plan is to work with other partners who are collecting in stream data to show some other reduction
 - 4. We want to propose something reasonable to EGLE so that we can manage the work- we don't have resources to complete the work
 - 5. Could we use university students or citizen science to do this work?
 - a. Dangerous for citizens (liability)
 - 6. Wyoming can do wholesale customer samples- their labs do the analysis
 - a. Limitation is hold time for E. coli
 - b. Wyoming can do 50ish samples/day, TSS \$15, E. coli \$20
 - 7. Walker- could manage 8 hours a year to go do the sampling if can use another lab
 - 8. Proposing to do sampling in 2023 with IDEP year
 - 9. Could we say we are working together and we have ex: 50 total OFs across the watershed, maybe Kentwood and GR have 15, and FHPS has 1
 - 10. Say we have a max # for the entire watershed- and talk about our capacity, the labs can only do so much, and cost prohibitive
 - 11. Add a disclaimer in the plan that if samples come back clean, then we don't have to test them anymore
 - iv. Moving away from in-stream monitoring so that an MS4 isn't taking credit for all of the in-stream pollution
- b. Path forward:
- i. Which MS4s have TMDLs assigned
 - ii. How will we prioritize which outfalls we monitor?
 - iii. Timeline? What are we willing to commit to?
 - 1. Do in IDEP year, train interns for wet weather and dry weather screening

- iv. Quantity of sampling? Sampling frequency?
- v. What is each community's capacity? Available resources for collection/analysis of samples?
- vi. LGROW will revise and send to Tech committee for review with a deadline to review (also send to MS4s that have to follow the TMDL req.)
 - 1. Complete example prioritization (ex: Walker) to see if the method would work

5. LGROW Grant Opportunity – BWET

- a. LGROW received grant funding, teachers want to use technical methods for data collection and analysis (high school level)- working with 5 different schools that are already doing monitoring
 - i. We will work with them to make sure their collection process is satisfactory, and help them add it to the data repository
- b. Working with GVSU Groundswell to provide teacher PD's
- c. LGROW will ask the Tech Committee for guidance when developing procedures
- d. Committee might be an audience for student presentations
- e. Watershed Monitoring Manual work will be helpful with this
 - i. Committee needs to do some work to develop a Water Quality Index
- f. Some money to do work with the Data Repository, and money to have some lab analysis completed
- g. We should be able to come up with models to share with other teachers across the watershed

6. Upcoming Events

- a. Sampling events- send info to LGROW so we can upload into the data repository
- b. LGROW Spring Forum June 10-20, 2021
- c. Next Technical Meeting
 - i. Wed. Feb. 17 from 1-2:30pm to discuss TMDL plan feedback from EGLE

7. Adjourn

MS4 Website: <https://www.lgrow.org/ms4>