

# Urban Stormwater Working Group (USWG)

## **Meeting Agenda**

Tue, April 19: 12:30 – 3 pm

Chicago Metropolitan Agency for Planning (CMAP)

233 S Wacker Dr, Suite 800, Chicago, Cook Co Room

## **Conclusions and Next Steps**

### **NLRS logic model (based off Iowa's Measures of Success Committee)**

Inputs and humans reporting

- Anjanette Riley presented on plan for inputs and human reporting. Group clarified that this reporting is not connected to MS4 permits. This is data collection only.
- Members with ideas for additional groups to be included in the reporting should talk to Anjanette.

Land and water measures

- Eliana Brown presented on the land measures to be collected by ag groups. She presented what the Nutrient Monitoring Council is measuring and the role the super gauges play in that effort.

What land metrics should we measure and how?

- Practices that infiltrate water (e.g. forest preserve practices)
- Calculation tool used for 319 grant programs would provide a standard measurement.
  - CNT tool may be better, although it only calculates volume.

How should we determine what we measure?

- A technical subgroup will be stood up to determine what calculation tools should be used, what metrics are needed, and how to report: Scott Ristau (IEPA), Rob (Fox River Group), Mike Warner, Stephen McCracken, Nancy Williamson (IDNR), Mary Beth Falsey (DuPage Co.).
  - Capture additional benefits, at least narratively.

### **Education subgroups**

Legislative Subgroup: Provide education about stormwater issues to governmental officials and technical staff.

- Rick Winkel presented on event series directed to governmental officials and technical staff.
  - Start with the Green Caucus. They can help boost involvement.
  - Make connection to flooding and opportunities to help communities with this concern.
  - Integrate later workshops into Association of Cities and Towns meetings/conferences and similar events.
  - ISWS will share format of symposium hosted with help from National Floodplain Managers Association.
  - Reach out to non-MS4 communities as well to encourage participation.
  - Think carefully about who to invite. Stormwater administrators do not need to be there necessarily. Would be better to focus on mayors, trustees, county boards, etc.

- Group members could help get people to register if a program or tool was created to help them present the goals and expected results.
- Legislative subgroup will move forward with planning and promotional support from Mary Mitros (DuPage Co.), Nancy Williamson (IDNR), Carol Hays (PRN), Hal Sprague (CNT), Margaret Schneeman (CMAP).

Stormwater Public Education Subgroup: Work to develop and update public education material for a general audience to include nutrient information.

- CNT and IEPA will look into updating the MS4 map.
- Existing efforts
  - Southern Illinois
    - Southern Illinois Metropolitan Planning Organization was stood up.
    - Watershed-based plan for HUC12 watershed has enabled conversations with landowners about BMPs.
    - Regional stormwater management workshop slated for June or July—permeable pavement, rain barrels, green roofs, etc. Hoping to get representatives from all 15 counties in the region.
  - Central Illinois
    - Working with U.S. EPA to solve CSO issues with 100% green infrastructure.
    - Educated city council and other lawmakers about the issue.
  - Northern Illinois
    - DuPage County holds regular stormwater events for contractors, officials, youth, etc. Events are targeted for the specific audiences.
    - Integrates with area events unrelated to stormwater.
    - Monthly email goes out to couple thousand people.
    - Send out public information kits (PSAs, social media language, etc.) to municipalities and communication staff.
- Gaps and barriers
  - Southern Illinois
    - Better understanding of MS4 requirements needed.
    - Communication is minimal regarding MS4 and stormwater as a whole.
    - There are cost constraints, especially for smaller towns.
    - Identifying key players and getting experts from further north to share information.
  - Central Illinois
    - Cost constraints.
    - Voter/public involvement and interest.
    - Unsure of best ways to share information with the public. Communication strategies needed.
    - Educational resources applicable for the state are needed. Done individually now, which is costly.
  - Northern Illinois

- Reaching the general public.
- How do we connect these efforts and close these gaps?
  - Create a packet of information that could be applicable statewide.
  - Create an urban runoff management story map.
  - Connect materials to the nutrient strategy. But flooding may be the connection that will resonate more, as well as drinking water quality.
- Will not have a subgroup but will do a call from the group to share existing resources and start compiling them (look to [illinoiscbmp.org](http://illinoiscbmp.org) as an example).

### **Updates**

Authority to establish stormwater utility – Hal Sprague, CNT

- A request will be made soon to have the Attorney General investigate and determine whether counties have the authority to establish these utilities.

Report for the Urban Flooding Awareness Act – Sally McConkey, ISWS

- Report provides model stormwater ordinance, information on BMPs, practices' connection to flood insurance rates, etc.

Resilient Watershed Initiative – Laura Kammin, IISG

- Goal is decision support tools for communities based on data from the Surveys and others.

### **Policy Working Group representation**

- Mary Beth Falsey
- Cindy will ask McHenry County.

### **Next steps**

Conclusions and action items determined by group

- Human and inputs reporting: Use implementation spreadsheet provided by IWRC to record human and inputs measurements and submit sheets in July. If there are suggestions for additional groups to query, let Anjanette Riley know.
- Land measurements: Technical subgroup will determine what calculation tools should be used, what metrics are needed, and how to report. Email to go out to convene subgroup.
- Legislative subgroup: Event and promotion planning for a workshop series will move forward. Email to go out to convene subgroup to plan event. First event will be Illinois Water Conference in October.
- Education subgroup: Stand-alone group not needed. Instead, IWRC will send out a call for resources. Members will submit what they have. IWRC will do a first pass to determine what topics are covered well, moderately, poorly—and by whom.
- Stormwater utilities: Process in the works to request the Attorney General to review and determine whether counties have authority. May be a need for a future subgroup on financing.
- Urban Flooding Awareness Act: Report includes model stormwater ordinance and

- Policy Working Group representation: Mary Beth Falsey. Members will reach out to contacts to get more MS4 representation.
- Stop using the term “green infrastructure.” The new term is “nature-based solutions.”

#### **Next meeting topics—July 12 conference call**

- Updates from two subgroups
- Discussion of public education resources and gap analysis.
- Plan next steps for aggregating education resources.

In attendance: Nora Beck, Chicago Metropolitan Agency for Planning; Tyler Carpenter, Greater Egypt Regional Planning and Development Commission; Mary Beth Falsey, DuPage County; Andrea Klopfenstein, City of Peoria; Carol Hays, Prairie Rivers Network; Sally McConkey, Illinois State Water Survey; Stephen McCracken, The Conservation Foundation; Jason Navota, Chicago Metropolitan Agency for Planning; Margaret Schneeman, Chicago Metropolitan Agency for Planning; Trevor Sample, Illinois Environmental Protection Agency; Cindy Skrukud, Sierra Club; Hal Sprague, Center for Neighborhood Technology; Amy Walkenbach, Illinois Environmental Protection Agency; Mike Warner, Lake County Stormwater Management Commission; Rick Winkel, Institute of Government and Public Affairs/Prairie Research Institute; Mary Mitros, DuPage County; Nancy Williamson, Illinois Department of Natural Resources; Laura Kammin, Illinois-Indiana Sea Grant; Holly Hudson, Chicago Metropolitan Agency for Planning; Brian Miller, Illinois Water Resources Center; Eliana Brown, Illinois Water Resources Center; Anjanette Riley, Illinois Water Resources Center; Katie Hollenbeck, Illinois Water Resources Center

#### **Introductions**

#### **LOGIC MODEL**

Eliana Brown: I’d like to start the meeting reminding everyone what our charge is, written at the bottom of the agenda. We will talk about our main charges for the strategies, implementation tracking, subgroups, updates, and next steps for future meetings. Starting with implementation tracking, peering into what other groups have been looking at and working on. AWQPF has seen this logic model, and the technical subgroup is looking at what metrics are being measured for reporting to USEPA. The four tables here in the logic model are to demonstrate actions being taken. Now Anjanette will talk about the Inputs and Humans tables.

Anjanette Riley: Everyone should have received an email about this plan; some of you have not, which is bad and that means you are not on the communication list. These two components of the logic model are collected twice a year, July and January, starting with July and January of 2016. You will fill out an implementation template. Do you have: 319 grants, existence of the grants, human capital putting into those programs, how many green infrastructure tours did you give, print and digital media, etc. Results are captured in water and land and this measurement, Inputs and Human, is just what you did. We are asking for this once for every organization.

Jason Navota: What is the range of programs that you want reporting on?

Anjanette Riley: Any program related to nutrients. It's a very wide range. As wide a breadth as you will give us.

Stephen McCracken: Monitoring, etc.?

Anjanette Riley: Yes.

Hal Sprague: What about a presentation on urban flooding that will affect green infrastructure?

Anjanette Riley: Yes.

Carol Hays: Policy?

Anjanette Riley: Yes.

Nancy Williamson: Can you send out the Iowa example? It is very helpful.

Eliana Brown: Yes. I only saw Ag in the Iowa example. You can see what they are doing on the Ag side.

Mary Beth Falsey: Same stuff in annual report?

Anjanette Riley: Yes.

Hal Sprague: January-July?

Anjanette Riley: July 17, I will check.

Carol Hays: There are entities not here that are also doing things.

Anjanette Riley: Let me know the entities, you can reach out to them, and I will reach out to them. We want to capture work done in Illinois broadly.

Cindy Skrukru: Question for Amy and Trevor. What if entities are already reporting to EPA?

Amy Walkenbach: There is no way of tracking that implementation. It is a different format for everyone.

Cindy Skrukru: Could we make it in a form the same for everyone? Like an estimate of phosphorus nutrient reduction?

Amy Walkenbach: That could be redundant and EPA-like.

Stephen McCracken: It is a huge task. And we would have to have information present.

Anjanette Riley: After all information is sent to us, we will compile information and do a top sheet and send it all out to you. You will get the topsheet and all of the spreadsheets.

Mike Warner: What about data analysis things?

Anjanette Riley: Yes.

Carol Hays: So you don't care about reach, just number of presentations/events given?

Anjanette Riley: If you have reach, we would love that.

Eliana Brown: Really quick, I would like to introduce Sally McConkey.

Sally McConkey: Hello, my apologies for being late!

Eliana Brown: Moving on to the Land table. Per the Logic Model, there are things that are happening to the land that would impact water. The AWQPF Tech Subgroup completed the table with practices from the strategy. For example, they captured the amount of buffers and wetlands and fleshed it out further by looking at units and agencies responsible for coming up with numbers. A NASS survey is going out to growers that will capture metrics not covered by agencies. We would like to do something similar to what Ag has done for the stormwater sector. How can we do that?

Nancy Williamson: Looking at that and understanding practices they are using on the farmland, I'm looking at practices in urban area that infiltrate water. Forest Preserves and active management numbers, are those practices with rain gardens and native plants, is that accepted by this group that is reducing run off, particularly in urban areas?

Cindy Skrukru: How is infiltration practice analyzed in for 319 funded BMPs in urban areas?

Amy Walkenbach: Load reductions.

Cindy Skrukru: Is there a universal tool?

Stephen McCracken: We need a universal tool that is universally accepted. With better tools, you can estimate the data.

Amy Walkenbach: For permeable pavement, there is no good tool. CMTs calculator gives us percent reduction.

Eliana Brown: You don't necessarily need to have pound reduction for the Land table. Oh, but you do for the Water table.

Amy Walkenbach: For social practices you can't. Writing a watershed based plan can't either.

Eliana Brown: You can use the 319 calculator to estimate.

Mike Warner: Computational equation.

Stephen McCracken: Supplementary data is calculated along with impervious surfaces if you were to use it.

Cindy Skrukru: Maybe use 319 tool or describe the tool you are using?

Hal Sprague: How old is the 319 tool? CNT updated in 2006. We are hoping to get money....

Amy Walkenbach: 10 years, maybe less.

Eliana Brown: Does it make sense to form a subgroup to decide which calculator to use and which agencies to use?

Cindy Skrukud: A tool tied to land calculator.

Eliana Brown: Get to sq. ft. of rain garden or green roof. The change in both numbers is available. Who would want to serve on that?

Amy Walkenbach: Scott Ristau and Rob?

Cindy Skrukud: Rob from Fox River Study Group.

Mike Warner: I would be interested in serving.

Stephen McCracken: I would be interested.

Eliana Brown: What about information from forest preserves?

Nancy Williamson: I would be interested. Maybe I can put together something. Can you do it for all of the urban areas? There is lots of information collected urban-wise.

Mary Beth Falsey: I would be interested.

Stephen McCracken: Street sweeping? Would we include that in its present case?

Amy Walkenbach: The subgroup needs to think about how to account for what is ongoing. It is a decision based on how we want to report?

Stephen McCracken: How to record a rain garden put in last year? Do we count it as a change?

Eliana Brown: 2011 is the base year. We gathered up those names and will send a follow up email.

Thank you. Next, we have the Water table. One of the other NLRs groups is the Nutrient Monitoring Council (NMC). There are super nutrient gages to understand what is leaving the state. The other thing NMC is working on now is how to measure nitrogen and phosphorus within Illinois.

### ***SUBGROUPS***

Eliana Brown: Next we'll talk about subgroups. As we said we would after the December meeting, a few of us had a conference call to talk about how to accomplish stormwater education via subgroups. We thought that two or three subgroups would do it based on who is the target audience. One target audience is decision makers such as elected officials/legislators. We came up with this charge for this subgroup and thought that a series of educational events would be a good way to accomplish it. Rick Winkel and Margaret Schneeman have been working on it. Rick will talk about the planning.

Rick Winkel: We got together and thought about ways of reaching out. I'm a former legislator, with interest in policy at PRI, etc. I have an interest in bring technology and science as we develop with

decision makers. This is a great opportunity to use this as a pilot to reach audiences. I am very interested in what you have to say. Legislatures would be interested. We are looking at havgin the first event be at the 2016 Illinois Water Conference in October. It's a good opportunity to bring in national speakers. Have we heard back from them?

Margaret Schneeman: Not yet.

Rick Winkel: We are talking about having a keynote speaker as a way of providing a general overview for elected officials. We invited George Hawkins, the CEO of DC Water. Then, in the afternoon, there would be three detailed talks directed to stormwater professionals. George would talk about managing water assets, a speaker TBD would talk about implementing the recently renewed MS4 permits, and finally, we invited Jack Kartez, Director of USEPA Region 1 Environmental Finance Center to talk about stormwater finance. We talked about asking Hal to talk about what's going on in stormwater finance in Illinois. We would be interested in talking to you about that. We talked about having a panel discussion about case successes.

Margaret Schneeman: We invited Nora Beck, pending approval from supervisor.

Rick Winkel: I want to know what's going on as far as urban setting. The idea is to engage decision makers.

Hal Sprague: Illinois Legislative Green Caucus should be invited. We could talk to the speaker and president to encourage various things to happen.

Cindy Skrukrud: It's a great idea and feel like elected officials and decision makers need to hear more about it. We are a stormwater group, maybe preface the session with the impact of wastewater. Urban runoff is very small part.

Rick Winkel: Great idea.

Cindy Skrukrud: Start the session on what is leaving the state and roles of urban areas versus wastewater to get the bigger picture.

Amy Walkenbach: Inform them why we even care.

Rick Winkel: Brian gave me a briefing. Now that I get it, I see the importance.

Carol Hays: Downstate urban areas are concerned about flooding.

Stephen McCracken: I was thinking more in terms of getting that audience. Do not know the demographics of the audience. Maybe associations of mayors and managers would be able to target that audience?

Rick Winkel: We might want to add issues of water quality. What are the best practices? What is the cost benefit analysis?

Stephen McCracken: Logistics. For the National Association of Floodplain Managers, we had speakers come in but also had breakout session. What are the roadblocks? We can share how we were able to engage leaders.

Mike Warner: Did you attend?

Stephen McCracken: It was invitation only. Sorry Mike!

Hal Sprague: The bigger picture is in their backyards. In the map of Illinois MS4s, there are over 400 municipalities. You have lots of people who you want to show up and make them feel like they are important too.

Mike Warner: Invite a popular political figure. Politicians are attracted to other politicians.

Hal Sprague: Go to the speaker.

Rick Winkel: The idea of a team.

Hal Sprague: County board chairs are really influential.

Mary Mitros: We've tried to only invite elected officials, talk about sales tax, etc. Any suggestion to promote or come up with a program to quickly present? We can give this at our county board meeting.

Rick Winkel: It is a flawed theory with practitioners, public works people, etc. Policy makers can attend.

Brian Miller: You're suggesting a tool to take to local officials.

Hal Sprague: If it's in Springfield, they are already there and have to be there. If you invite them to go somewhere else, it may not work.

Nancy Williamson: If it is framed as we are going to put you in the "know" with what is happening in Illinois right now, it could work. This is where it's going and where the money is going. This is where the future is. But I think putting it all in that way without scaring them off. Lots of public officials don't know and it would get the message out.

Eliana Brown: To bring this together we are look for people to be part of this subgroup. Who can help? Carol, Nancy, Mary, Hal, and Margaret. Great! Margaret, can you talk briefly about the invited keynote speaker from DC Water?

Margaret Schneeman: We had a lunchtime session toward decision makers and later targeted towards technical personal. We had a funding issues discussion. Addressed the why this is an issue, why is this important. Buy-in in the community and management of the utility itself. Discussing how effective a rain garden is depending on asset management. We are open to suggestions for a presenter that can draw people in. The next is asset management; George Hawkins from DC Water is a good speaker. He can draw an audience and is very engaging. We recognize that funding and finance is important. CMAP will be there to talk about stormwater utilities, etc. Other finance mechanisms are important, like revolving loan funds and environmental finance center. We are open to other idea and suggestions.

Eliana Brown: I have the names and will be following up.

Jason Navota: Add us to that group too.

Eliana Brown: The other subgroup is stormwater public education. Some counties already have good public education. Other places might not have a stormwater educator. What types of tools can we provide for those areas? Western Kentucky did a survey on court challenges to stormwater utilities. They recommended having robust public education so funding stays in place. MS4s have public education requirements. Some places are doing better than others. Here is the geographic breakdown of stream impairment versus where MS4s are at.

Stephen McCracken: Nutrient impairment from all sources?

Amy Walkenbach: All nonpoint source impairments.

Hal Sprague: This is CNT's map. Urban places are growing so the map might look different now. There might be more overlap.

Eliana Brown: An update would be great. Illinois is a diverse state. I asked representatives from south, central and north to talk about what's happening in their region. For southern IL, let's turn it over to Tyler.

Tyler Carpenter: Changes need to be updated for Cape Gerardo and Carbondale/Marion. Geography in Marion/Carbondale is different. The population is 25K to 19K. It is a very poor community. I'm relatively new in this position. I started 2014 and am learning about MS4 requirements and what they entail. There is really no existing network or collaborative efforts. Again, I am new at this. Public works guys will be speaking in Carbondale this summer. For the watershed plan, we spoke about BMPs we are focusing on, bring in speakers, talk about rain gardens, barrels, etc. Who is department doing speaking at events? Wayne Coffman can speak about MS4 stormwater. I haven't heard back from PRN. I reached out to SIU about green roof infrastructure. Identify gaps/barriers to stormwater education? No real existing network. Identifying key people is another gap.

Eliana Brown: Andrea will talk about central Illinois.

Andrea Klopfenstein: We have a CSO issue happening now in Peoria. The city is proposing 100% green infrastructure and will help in our MS4 areas. There are lots of stream creeks and cliffs and green infrastructure will help MS4. If voters care, politicians care. I'm an engineer, not an education specialist. How will we get this information? People need to figure out why stormwater is important. They bring in speakers and educate, but don't do good job of creating flyers, etc. We need raingarden and stormwater info to share with the public. Civil engineers are speaking now and sharing information.

Eliana Brown: Next, Mary will talk about the northern region.

Mary Mitros: DuPage county, there are ways to streamline information. For public education and outreach standards, there are lots of different events, including technical ones for staff and consultants.

One year we had landscape officials, etc. We have workshops for engaged general public. We also have the general public go to events nothing to do with stormwater, etc. We do raffles, monthly e-newsletter, lots of general public stuff. Some people become more engaged. Each season, we have a brochure, a newsletter, a PSA, etc. We share with libraries and have a social media presence to promote all things and connect dots. We have 41 MS4s in DuPage. I'm a communications professional. Throughout the state, we can talk about different ways.

Eliana Brown: There is geographic difference. Northern can give information to southern and central. Northern can still reach additional audiences. So how do we connect those efforts and how do we connect the gaps? I will open up discussion.

Amy Walkenbach: One theme I seem to hear, people are looking for consistent, generic information throughout the state.

Jason Navota: Does it exist on your website?

Amy Walkenbach: No, maybe USEPA has tools.

Eliana Brown: Benefit to Illinois specifically?

Amy Walkenbach: Credibility and ownership to state.

Nancy Williamson: We did a thing, Clear Choices, Clean Water. They can look and see if they can self-identify. Site can get email and send them emails. Not a solid reporting tool but is a way to get information back.

Amy Walkenbach: Similar to the Ag story map: types of projects they are doing.

Nancy Williamson: Way to connect, web-wise, our urban areas.

Mike Warner: I heard the same comments from Peoria and DuPage. Same feedback. Back end of comprehensive plan. We did a public education outreach component and walked it around to counties. My recommendation is to create a technical coordinator position to bridge the gap of public outreach to the homeowner level on up. Flooding, algae problem full time to bridge resources. We don't have position created yet. Blue Stem communication was awesome. They did work at floodplain management conference. The other thing to do is outreach to homeowners associations. Get on board and off board. We want to expand that too.

Eliana Brown: Are you working with master gardeners as well?

Mike Warner: Yes, we are doing a rain garden in front of our office. We do artwork in raingarden areas. It has been beneficial.

Cindy Skrukud: In different areas of state, we need more materials and it should always tie back to NLRs. Ag is doing a good job reaching out to farmers to get engaged and do their part. We need

something other than a one page fact sheet. It needs to be less dry than that. We should be doing something that informs people about the whole statewide effort.

Hal Sprague: CNT is all about stormwater pollution, etc. and we talked to public works folks to a large degree. We are asking politicians and then we go to voters. People in houses don't have a pollution problem. They don't see a hypoxia connection. We found that urban flooding is happening nowhere near a floodplain. Since we are in MS4 communities, it has gotten a lot of traction with people. Talking about flooding is getting traction with voters.

Margaret Schneeman: CNT has really great materials. It doesn't all go back to NLRS. They have some sweet outreach factsheets.

Hal Sprague: Rain Ready goes into communities to develop plans on urban flooding. It gets elected officials in the room. Rain Ready Home is different for houses, etc. It really has been effective.

Carol Hays: Ottawa is an MS4 community. They realized they had major flooding issues. The state senator said we cannot keep doing this folks and brought communities together. They trained an engineer as a floodplain manager. And now have brought together four counties into flood alliance and are getting much better educated. How do they connect upstream to Ag is what they are thinking about now. Increased runoff is a problem for flooding. She invited them to be part of it. Rain Ready, levees, nutrients, flood plain maps, etc. they are looking for solutions. How do they address the issues? Reconnect floodplains. A tool. How can we put that together into an approach? Into an alliance? How to build support of statewide? She does a good job and doesn't take no very well.

Hal Sprague: Tight citizen action group. City engineer was not even an engineer. We had 20 people in the room with DNR, EPA, etc. and were forced to be in the spotlight. 75-100% was angry citizens in the room.

Mary Mitros: We just had Rain Ready. The public cares most about flooding. We had some pesticide health benefits, not using fertilizers, etc. It really resonates with the people.

Eliana Brown: Sounds like there is a need for consistently packaged information. Do we want a public education subgroup? Should we wait until July. Who would like a subgroup?

Mary Beth Falsey: There is a lot of info and it sounds like we need to share better.

Eliana Brown: So we might not need a subgroup, just work together?

Cindy Skrukud: NLRS links all things and addresses all issues.

Eliana Brown: Come for the flooding and stay for the nutrients.

Hal Sprague: There is a new term. Voters and elite said very statistically strongly that "green infrastructure" turns people off. "Nature based solution" is the new term. "Infrastructure" is too scary.

Carol Hays: It incorporates solutions.

Stephen McCracken: Pressure to do this, not totally voluntary?

Amy Walkenbach: Required to develop strategy, thus commitment to implementation. Regulatory aspect is not there at this point. If you aren't implementing, look at programs closer and see what USEPA needs.

Stephen McCracken: Manage this before you manage that.

Amy Walkenbach: That's what Ag is doing.

Mary Mitros: No subgroup, but what about this group shares ideas and aggregates information.

Anjanette Riley: Illinois CBMP.org has their own programs that they do but have created a central house for the main points. Here are the BMPs and they are linked to resources by the various groups. They have a central hosting of all of this information, rain gardens, rain barrels with links, etc. It is a single place where people can go to get info.

Mary Mitros: Really small market and keeps recreating the wheel.

Nancy Williamson: Number 1 issue is clean water. That is a compelling issue all across the nation. Communities using river water, Elgin and Aurora, became full of nutrients. It costs them thousands of dollars a day when they got clogged with algae.

Sally McConkey: For surface water, unless pulling from a major river, you're going to have a reservoir, taste and odor problems. Decatur is an example that looked at land use and had to bring bottled water in. We can readily provide the information.

#### **UPDATES**

Eliana Brown: Next session on updates? Hal?

Hal Sprague: There is the idea of developing fee structure to pay its own way. The law allows municipalities to do that, so 20 municipalities do that. Counties governed by county code does not allow, or perception that doesn't allow for stormwater utilities and fees and trying to pass legislature on that. Going back, I think that there is a good argument that counties do have a good reason, even though there is a perception that doesn't. Senator Taylor may be willing to introduce a request letter to the attorney general. Senator Steans said if I would draft the letter, he would do that. About to draft and get this letter to Senator Taylor after I get a FOIA request to compare it to. It is important for counties to have authority. If she says no authority then clear that legislature has to fix that.

Eliana Brown: Sally?

Sally McConkey: Municipalities have the authority.

Hal Sprague: They are unlikely to challenge once in place and working. One mayor passed it and then tried to undo authority. There is strong political pushback of any fee. That why it is had to pass in legislature.

Stephen McCracken: Churches are exempt from taxes and don't like to pay the fee.

Hal Sprague: Rock Island was sued by churches. The court said it was not a tax and the churches had to pay the fee.

Sally McConkey: I have a short report on the work of CNT to look at urban flooding. The State Water survey was engaged. I emailed everyone that link to the Report for the Urban Flooding Awareness Act. For the non-scientist, it is easy to read. What is urban flooding? FEMA flooding? Often there is combined effects, people consider flooding. People needed to better understand insurance. Department of Insurance has more education now -- a small win. There are 25 recommendations in the report. Hal is talking about most of them know there is a mechanism that funds infrastructure. There is a whole chapter on green infrastructure, which could be a good place to start as a source of information. Basically, it gives a high level summary. One action was to complete a modern stormwater ordinance. It is obvious if you do certain things with your stormwater, you will benefit. Community got credits with rating system. Flood insurance will drop. CRS credit. Close with saying that in terms will be a moderate ordinance reduction. Thanks!

Eliana Brown: Laura?

Laura Kammin: I wanted to take the opportunity to take new initiative in conjunction with Illinois-Indiana Sea Grant, Prairie Rivers, etc. We are working on Illinois River watershed, and we wanted to introduce what we are trying to do with resilient watershed. Tying those people and researchers model climate, hydrology, and Illinois-Indiana Sea Grant and extension can develop support tools to not reinvent the wheel.

Mary Mitros: Is this separate from the HUD grant?

Laura Kammin: Separate, money is not coming from HUD to expand, but will find money.

### **PWG REPRESENTATION**

Eliana Brown: Things change fast in the Policy Working Group. There are many different sectors, each of which gives an update and reports. And as you can imagine, that's almost the entire meeting. There is not enough time left over to make it a working meeting. So, we heard feedback that members would like for sector reports to be emailed ahead of time.

Anjanette Riley: This turned into inputs and humans table information.

Eliana Brown: One of the people that had been representing the sector is no longer with the Village and the other person hasn't been able to attend. We are now looking for two stormwater people to represent the PWG.

Mary Beth Falsey: I would do it.

Amy Walkenbach: Great. Maybe people additional people. We would like to have MS4 representation.

Cindy Skrukruud: I will ask Johana McHenry.

Hal Sprague: What about Eric Shoeny?

Eliana Brown: I never heard back from Eric.

Hal Sprague: Carbondale is expanding.

Tyler Carpenter: We could probably get representation with Jackson.

Eliana Brown: OK, please ask these folks and let me know. Then we will review next steps and conclusions. I will follow up with an email to the people who have volunteered to be on committees. Would CNT contribute information about Rain Ready?

Hal Sprague: Sure. It's on our website.

Eliana Brown: Hal's progress on determining stormwater utilities?

Hal Sprague: On the fee issue, I was only focusing on municipalities. Maybe we want to create initiative to have more of them do it. Some of them need a tool to go to elected officials to meet legal requirements.

Eliana Brown: That will be part of financing piece of the subgroup I believe. However, keep in mind there may be a need for another subgroup in the future. Is there anything else that we should be capturing?

Hal Sprague: Stop using the term "green infrastructure."

Stephen McCracken: Other benefits. Municipalities, lots coming down the pipeline, there may be other benefits from an activity. I recommend that we add habitat complexity.

Eliana Brown: It is a great idea to capture multi-benefits.

Carol Hays: USEPA has a lot on website about "nature-based solution" benefits.

Eliana Brown: The next meeting is July 12 and will be a conference call. Two subgroups will hopefully have action and updates on what we are doing with education. Is there anything else on the agenda?

Brian Miller: Public education, are you talking about an education subgroup? Unless magic happens, how is this going to take place, how are you going to compile this? If nobody is actually doing something, it won't happen?

Eliana Brown: Subgroup?

Brian Miller: Someone has got to be charged with something.

Cindy Skrukruud: You can do an email and compile issues.

Brian Miller: Maybe the next call focus on this?

Eliana Brown: Objection to focus on education data?

Carol Hays: There are gaps and education holes.

Anjanette Riley: If you send me resources, I can compile information.

Mary Beth Falsey: Get it all in one place and see if there are any gaps.

Carol Hays: If anyone has done an evaluation of materials, it is more beneficial and you get more results.

Eliana Brown: Great. Thanks everyone for attending.

DRAFT