



Sept. 7, 2017

Citizens Environmental Quality Committee
Winona, Minnesota 55987

Dear Committee Members:

The next meeting of the Citizens Environmental Quality Committee meeting will be held on **Wednesday, Sept. 13, 2017 at 4:30 p.m. in the Misato Room of City Hall.**

- 1) **Call to Order**
- 2) **Review and approval of July 12, 2017 Meeting notes**
- 3) **Review Goals (5 minutes)**
- 4) **Future Plan and Structure of CEQC (20 minutes)**
- 5) **Committee Scheduling (10 minutes)**
- 6) **Partners in Energy Update (5 minutes)**
- 7) **City of Winona Solar Update (10 minutes)**
- 8) **Other Business (5 minutes)**
- 9) **Adjournment**

Sincerely,

John Howard

Natural Resources Sustainability Coordinator

CITIZENS ENVIRONMENTAL QUALITY COMMITTEE MEETING NOTES

DATE: Wednesday July 12th, 2017

TIME: 4:30 p.m.

PRESENT: Hans Madland, Fran Goodin, Chris Meyer, and Bruno Borsari

GUESTS: Paul Schollmeier

STAFF: Natural Resources Sustainability Coordinator John Howard

1. Meeting called to order at 4:35 pm when the quorum was achieved with members Madland, Goodin, Meyer and Borsari being present.
2. Minutes from June 15, 2017 meeting approved unanimously. Moved by Chris, seconded by Bruno.
3. Partners in Energy: John noted that the last planning meeting of Partners in Energy will be upcoming on Monday. There is an opportunity for CEQC to comment on goals, although no comments or concerns raised at this meeting. Energy Action Plan will be prepared and go before Council, and again be available for CEQC input.
4. Solar: John stated that the City is considering solar energy with Community solar being the principle focus. SolarStone presented at last June Council meeting, and is viewable online [Begins at 1:18:57 mark, see at this link: https://www.youtube.com/watch?v=io6ztCc_DQM]
5. CEQC Goals: CEQC members prepared worksheets at the last meeting, and discussed overall goals for the CEQC at this meeting. Goal worksheets were compiled by John and are attached to the notes.

Bruno needed to leave at 5:58 pm, quorum lost.

6. GreenStep - tabled
7. Scheduling - tabled
8. 25 by 25 –tabled
9. Other - tabled

The Goal: Documenting Environmental Actions and Progress

1. **Specific.** What will the goal accomplish? How and why will it be accomplished?

Information will be compiled for the B3 and GreenStep databases by City staff and CEQC members. An annual report on the City's environmental progress should be produced utilizing the information collected for the B3 and GreenStep databases. As part of this report, or possibly as a distinct report, information on local food production and evaluation, such as the number of participants in community gardens and pounds of food should be tallied.

The information compiled will inform and guide future city actions/endeavors.

2. **Measurable.** How will you measure whether or not the goal has been reached? If not quantifiable, how will you determine success?

Annual report completed.

3. **Achievable.** Is it possible? Have others done it successfully? Do you have the necessary knowledge, skills, abilities, and resources to accomplish the goal? Will meeting the goal challenge you without defeating you?

Yes, other cities complete GreenStep and B3 reports, as well as broader environmental reports.

4. **Relevant.** Is this Committee the place to take on this goal? Does it fit with the Comprehensive Plan or other City objectives?

Yes, clear connection to CEQC and Chapter 7 of Comprehensive Plan. Documentation is large piece of GreenStep Cities program.

5. **Time-bound.** What is the established completion date and does that completion date create a practical sense of urgency?

GreenStep data is due May 1st, B3 has multi-year backlog, but could be complete by May next year. Annual report assembled by next summer utilizing this data.

The Goal: Energy Efficiency and Renewable Energy

1. **Specific.** What will the goal accomplish? How and why will it be accomplished?

Hold additional workshops, complete and/or review GreenStep energy efficiency goals. Utilize renewable energy for City electricity. Also implement Partners in Energy (PiE) goals. Work will be accomplished by working with Sustain Winona, the Partners in Energy Group, and the City's Sustainability Coordinator.

2. **Measurable.** How will you measure whether or not the goal has been reached? If not quantifiable, how will you determine success?

Number of workshops, completion of GreenStep reporting, and meeting PiE goals. Percentage of City electricity coming from renewable sources, and reduction in City electrical usage.

3. **Achievable.** Is it possible? Have others done it successfully? Do you have the necessary knowledge, skills, abilities, and resources to accomplish the goal? Will meeting the goal challenge you without defeating you?

Yes, multiple Minnesota Cities have completed GreenStep reporting. Approximately 10 other Minnesota PiE communities. Many cities in Minnesota utilize renewable energy and have implemented energy efficiency measures.

4. **Relevant.** Is this Committee the place to take on this goal? Does it fit with the Comprehensive Plan or other City objectives?

Clear connection to Chapter 7 of the Comprehensive Plan, specifically policy # 2.

5. **Time-bound.** What is the established completion date and does that completion date create a practical sense of urgency?

Energy efficiency projects should be undertaken this year, with PiE activities starting this fall. City is currently moving forward with investigating solar.

The Goal: Green Infrastructure

1. **Specific.** What will the goal accomplish? How and why will it be accomplished?

Develop a definition of green infrastructure, and start by seeing if GreenStep process has definition and guide to green infrastructure. Document existing infrastructure (rain gardens).

2. **Measurable.** How will you measure whether or not the goal has been reached? If not quantifiable, how will you determine success?

Success means having a definition and inventory including location of infrastructure. The surface/coverage of rain gardens and infrastructure is measurable.

3. **Achievable.** Is it possible? Have others done it successfully? Do you have the necessary knowledge, skills, abilities, and resources to accomplish the goal? Will meeting the goal challenge you without defeating you?

Cities commonly have repositories on infrastructure, so fitting to have one on green infrastructure. The limited nature of green infrastructure makes this task feasible.

4. **Relevant.** Is this Committee the place to take on this goal? Does it fit with the Comprehensive Plan or other City objectives?

Yes, fits with goals of Chapter 7 of the Comprehensive Plan and stormwater pollution prevention plan.

5. **Time-bound.** What is the established completion date and does that completion date create a practical sense of urgency?

Definition within a 2 months, inventory complete within 6 months.

The Goal: Silica Sand Air Quality Monitoring

1. **Specific.** What will the goal accomplish? How and why will it be accomplished?

Monitor air quality for impacts from silica sand activities. Review latest literature to understand what and how to monitor particulate matter. Consult with Prof. Crispin who is a local expert. Utilize free MPCA resources. End result will be clean air that is welcoming to visitors and citizens.

2. **Measurable.** How will you measure whether or not the goal has been reached? If not quantifiable, how will you determine success?

Begin monitoring this year and regularly report air quality. Develop a repository of informational resources.

3. **Achievable.** Is it possible? Have others done it successfully? Do you have the necessary knowledge, skills, abilities, and resources to accomplish the goal? Will meeting the goal challenge you without defeating you?

Air quality monitoring does not require the invention of new technology. Resources are available and monitors are able to be put in place that will effectively measure the level of silica in the air. The assertions by the industry that such monitoring is not needed should be respected but verified. Data was recorded in past, so there is precedent. Literature is available on monitoring and health impacts.

4. **Relevant.** Is this Committee the place to take on this goal? Does it fit with the Comprehensive Plan or other City objectives?

Yes, clearly air quality is an environmental consideration and part of GreenStep Cities. May be too technical for CEQC to review without outside assistance.

5. **Time-bound.** What is the established completion date and does that completion date create a practical sense of urgency?

Ask MPCA for monitoring equipment and process help for August meeting. Develop informational resources within six months.

CEQC Goal Setting Worksheet – adapted from the [Univ. of Virginia](#)

The Goal: Active Transport –TBA based on success of other groups

1. **Specific.** What will the goal accomplish? How and why will it be accomplished?

Follow Progress of Active Transport committee and help as needed.

2. **Measurable.** How will you measure whether or not the goal has been reached? If not quantifiable, how will you determine success?

Successful implementation of Active Transport goals.

3. **Achievable.** Is it possible? Have others done it successfully? Do you have the necessary knowledge, skills, abilities, and resources to accomplish the goal? Will meeting the goal challenge you without defeating you?

Yes. Primary responsibility will be with the Active Transport group. Other cities have successfully produced and implemented bike & ped plans.

4. **Relevant.** Is this Committee the place to take on this goal? Does it fit with the Comprehensive Plan or other City objectives?

CEQC would be secondary to Active Transport committee. Work fits with Comprehensive Plan goal #2 and GreenStep Cities.

5. **Time-bound.** What is the established completion date and does that completion date create a practical sense of urgency?

Review status in 6 months.

CITIZENS ENVIRONMENTAL QUALITY COMMITTEE

AGENDA ITEM: 5. Committee Scheduling

PREPARED BY: John Howard

DATE: Sept. 13, 2017

Please come prepared to schedule the next 3 meetings of the CEQC. We will also set times to meet in the subcommittees for GreenStep implementation and B3 benchmarking. We can discuss the need for other subcommittees if there is CEQC interest in additional subcommittees.