

## **Green Tier Clear Waters Initiative Charter 2014 Annual Report**

### **The Charter**

The Green Tier Clear Waters Initiative (GTCWI) is a charter authorized under the laws of the State Wisconsin, Act 276, sections 299.83 and 299.85 Wisconsin Statutes. The GTCWI was formally signed by all parties on February 9<sup>th</sup>, 2006 and renewed in 2011 by unanimous agreement of the signatories.

### **Mission Statement**

The mission of this Charter is to cause a meaningful reduction, beyond current state standards, in the sediment and nutrient delivery to lakes, streams, and wetlands in Dane County resulting from land disturbing activities and to develop alternative approaches and practices that will result in better erosions control and long-term stormwater management. Furthermore, the mission is to explore new business and regulatory practices that result in improved regulatory certainty for Charter Participants and increased regulatory efficiency by regulatory agencies.

The Charter Signatories will explore the development of practices that minimize the environmental impact of developments. This effort will focus on sustainable practices and will include measures for 1) conservation of surface water and groundwater; 2) conservation of energy; 3) reduction of air emissions; and 4) maximizing recycling.

### **2014 Summary**

In 2014, the Charter's Board of Directors met nine times – January 16, February 27, April 10, May 22, June 26, August 14, September 25, November 6 and December 18: The agendas and brief notes from those meetings are attached. The Board's focus remains on construction site erosion control.

The signatories continue to find value in the Charter for the exchange of technical information and ideas. They value the single point of contact within each entity. The Charter signatories and our regular attendees are sincere in their efforts to influence not only the local erosion control and stormwater management standards but statewide standards to improve water quality. GTCWI's standards are being accepted by others and have proven to perform better than other currently accepted practices.

#### **1. Mission Statement Reassessment, 2014 Goals Progress Assessment and Establishment of 2015 goals**

It was agreed that the Signatories would continue to discuss groundwater conservation, energy conservation, air emissions and recycling as they relate to the Charter mission statement and as they affect participation in the Charter. Additionally, the intent is to continue most of the 2014 goals into 2015, with a few modifications.

#### **Goals for 2014:**

**GOAL 1:** Continued outreach to potential new members of the charter. Outreach efforts in 2014 will continue to target specific individuals & municipalities and will include personal invitations to Board meetings. Grow Charter by one signatory.

**2014 Progress:** No new signatories were added in 2014 but we continue to attract interested parties to our meetings and some return on a regular basis. A Department of Safety and Professional Services' Unified Dwelling Code Consultant became a frequent attendee.

**GOAL 2:** Complete annual inspections comparing compliance between sites of Charter members and non-Charter members.

**2014 Progress:** Completed. The results show that GTCWI signatories' sites have better erosion control than non-members.

## 2014 Site Audit

	Number	BMP Ratings			Enforcement Action		Overall Rating		
		Adequate	Marginal	Inadequate	Yes	No	Adequate	Marginal	Inadequate
<b>Commercial:</b>									
Non-Green Tier	2	2	1	8	2	0	0	0	2
Green Tier	1	5	1	0	0	1	1	0	0
<b>Residential:</b>									
Non-Green Tier	8	12	6	27	8	0	2	1	5
Green Tier	3	12	5	1	0	3	3	0	0

**GOAL 3:** Sponsor or co-sponsor an educational seminar of BMPs for a professional audience.

**2014 Progress:** GTCWI signatories participated in a number of educational seminars including:

- February 5 & 6, 2014 - Wisconsin Chapter of - North American Stormwater and Erosion Control Association (NASECA) 11<sup>th</sup> Annual Conference
- June 26, 2014 – Permeable Pavement Installation

**GOAL 4:** Continue discussion on how the Charter group can provide a greater focus on all of the objectives defined in the mission statement (energy conservation, air emissions, recycling, etc.).

**2014 Progress:** The Charter signatories didn't discuss these issues this year though individually, each continues to look for ways to improve their energy conservation, air emissions and recycling.

**GOAL 5:** Signatories will tour a construction site to view stormwater management and erosion control practices; and a business associated with these practices.

**2014 Progress:** Besides the annual compliance monitoring, the Charter signatories attended a permeable pavement installation.

**GOAL 6:** Improve the products and practices that the signatories use through continued involvement in development and piloting of new standards or practices.

**2014 Progress:** The signatories developed, are piloting and evaluating new practices that are installed in the Fall so that while construction continue in the winter, winter and spring runoff will not increase.

a. Signatories will support and participate in the permeable pavement technical standards Council and on-site study.

**2014 Progress:** Several signatories were active in the design, funding and installation of the permeable concrete, asphalt and paver research site built on Sycamore Avenue on Madison's East side. The results from this research will affect how we use these products in the future and will lead to improved water quality.

b. Continue to support the new Type HC Inlet Protection through the SOC process to become a statewide DNR standard.

**2014 Progress:** Completed. Accepted into the "Storm Drain Inlet Protection for Construction Sites (1060)" standard in July 2014.

**GOAL 7:** Maintain open communication related to adaptive management issues and explore areas for cross coordination.

**2014 Progress:** Signatories are participating in a number of different adaptive management/cross coordination issues including Yahara WINS (Watershed Improvement Network), the Rock River Coalition's stream monitoring and the Clean Lakes Alliance Community Board.

#### **Goals for 2015**

**GOAL 1:** Continued outreach to potential new members of the charter. Outreach efforts in 2015 will continue to target specific individuals & municipalities and will include personal invitations to Board meetings. Grow Charter by one signatory.

**GOAL 2:** Complete annual inspections comparing compliance between sites of Charter members and non-Charter members.

**GOAL 3:** Participate in educational seminar(s) or webinar(s) of BMPs for a professional audience.

**GOAL 4:** Continue discussion on how the Charter group can provide a greater focus on all of the objectives defined in the mission statement (energy conservation, air emissions, recycling, etc.).

**GOAL 5:** Signatories will tour a construction site to view stormwater management and erosion control practices; and/or a business associated with these practices.

**GOAL 6:** Improve the products and practices that the signatories use through continued involvement in development and piloting of new standards or practices.

- a. Signatories will continue to support and participate in the permeable pavement Technical Standards Council and on-site study.
- b. Review and make recommendations to the Standards Oversight Council on the external material, fill material and installation standards for silt sock products.
- c. Evaluate the piloted Fall terrace practices for winter/Spring construction.

**GOAL 7:** Maintain open communication related to adaptive management issues and explore areas for cross coordination.

**GOAL 8:** Review and modify the combined Municipality/DNR Chapter 30 Waterways and Stormwater Permitting for GTCWI signatories.

#### **2. Assessment of Charter agreement**

The signatories reviewed, updated, and renewed the Charter in 2011. The current Charter is on the website. The mission statement was changed to be more inclusive of erosion controls for all land disturbance.

#### **3. Assessment of Appendixes**

The signatories reviewed and updated the Appendixes in 2011. There are no additional changes at this time.

#### **4. Assessment of Board operating procedures**

- a. Chairperson election – Jeremy Balousek, Dane County and Sue Josheff, DNR, will be the Board Co-Chair for 2015.

- b. Frequency of meetings – The Board agreed to continue to meet at the frequency of every six weeks on Thursday mornings.

**5. Recommendations to the Department for improvement**

Our Charter continues to recommend that Green Tier should be available to and encouraged in all state agencies. We have made this recommendation several times before and still feel it is valid.

**APPENDICES - Meeting Agendas and Notes**

- o January 16, 2014
- o February 27, 2014
- o April 10, 2014
- o May 22, 2014
- o June 26, 2014
- o August 14, 2014
- o September 25, 2014
- o November 6, 2014
- o December 18, 2014

**Green Tier Clear Waters Initiative Board Meeting**  
**Thursday January 16, 2014 @ 8:30 a.m., hosted by Veridian Homes**  
**6801 South Towne Drive, Madison, WI**

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**----- Agenda Topics -----**

- Board Member Reports
  - Summary of December 16 meeting with Clean Lakes Alliance (Sue Josheff)
  - Update on permeable pavement standard (Chris Homburg)
  - Annual Goals/Annual Report Discussion
  - Next meeting:
    - Thursday February 27, 2014 @ DNR, 3911 Fish Hatchery Road, Fitchburg
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Green Tier Clear Water Initiative Board Meeting  
 January 16, 2014  
 Hosted by Veridian Homes

In attendance:

x	Jeremy Balousek	Dane County
x	John Reimer	Dane County
x	Chris Homburg	Homburg, Inc.
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Laura Bub	Dept. of Natural Resources
x	Sue Josheff	Dept. of Natural Resources
x	Elizabeth Katt Reinders	Clean Lakes Alliance
x	Tom Veith	City of Sun Prairie
x	Don Esposito	Tim O'Brien Homes

AGENDA ITEM	DISCUSSION	ACTION	LEAD
Board Member Reports	<ul style="list-style-type: none"> <li>• DNR:               <ul style="list-style-type: none"> <li>• Filling Water Leader position soon.</li> <li>• Two new employees in TMDL program.</li> <li>• GovDelivery subscription  <a href="https://public.govdelivery.com/accounts/WI/DNR/subscriber/new">https://public.govdelivery.com/accounts/WI/DNR/subscriber/new</a></li> <li>• Ch. 30 permitting is slow. Stormwater permitting has maintained a steady pace.</li> </ul> </li> <li>• City of Madison:               <ul style="list-style-type: none"> <li>• With variable weather, trying to stay on top of inspections. When things started melting, notified permittees that "winter dormant" status suspended.</li> <li>• Used grant funding for increased erosion control oversight in the downtown TMDL area.</li> <li>• Moving ahead with process to get oversight on installation of foundations in order to avoid drainage problems with neighbors, etc. Still trying to figure out who to inspect, as-builts, etc?</li> <li>• Single family homes construction has slowed down a lot, only action on west side, most of that is Veridian.</li> <li>• Commercial construction has exploded.</li> <li>• Johnson Street construction: no room left to infiltrate; houses may be asked to tie directly into the storm sewer.</li> </ul> </li> </ul>		ALL

	<ul style="list-style-type: none"> <li>• City of Sun Prairie: <ul style="list-style-type: none"> <li>• Walmart grand opening yesterday. Getting ready to tear down existing store.</li> <li>• Cabelas is submitting plans for spring construction.</li> <li>• Couple of commercial permits in Prairie Lakes area.</li> <li>• Single family home construction in 2013 was more than double than previous year (50 vs. 120). Multi-family developments stayed about the same.</li> </ul> </li>   <li>• Dane County: <ul style="list-style-type: none"> <li>• Part of Dane county budget reorganized division. Jeremy now division manager of water resource engineering division</li> <li>• Annual NASECA conference February 5-6 @ Lussier Center in Madison.</li> <li>• NASECA looking @ having another contractor training in March/April. Offers two certifications for contractors. There may be opportunities for GTCWI to partner with NASECA</li> <li>• Weather station was installed on Fen Oak building. Ties in with bigger picture of developing rainfall network. Will be real rainfall data with gages throughout the county. Can use that information to drive the watershed models. Looking at using private weather stations, with some quality control.</li> </ul> </li>   <li>• Homburg : <ul style="list-style-type: none"> <li>• Really slow. Getting ready for a nice spring.</li> </ul> </li>   <li>• Veridian Homes: <ul style="list-style-type: none"> <li>• Fighting weather; trying to get schedules back on track</li> <li>• Acquired land in Menomonee Falls; moving dirt in spring, basements beginning in fall. New market to tap into.</li> </ul> </li> </ul>		
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	<ul style="list-style-type: none"> <li>• Tim O'Brien Homes <ul style="list-style-type: none"> <li>• In 2014 developing 3 communities in Dane County.</li> <li>• WI state representative to National Home builders association.</li> </ul> </li> </ul> <p>Clean Lakes Alliance:</p> <ul style="list-style-type: none"> <li>• CLA interested in this group b/c of construction erosion focus in Yahara Clean Strategic plan for phosphorus reduction</li> <li>• CLA trying to learn as much as possible to determine if there is a role for them to help &amp; support as a nonprofit.</li> </ul> <ul style="list-style-type: none"> <li>• Lakes and Watershed Commission <ul style="list-style-type: none"> <li>• No report</li> </ul> </li> </ul>		
December 16 Clean Lakes Alliance meeting	<ul style="list-style-type: none"> <li>• Trying to "take the pulse" on 14 actions. Starting on agricultural issues, now working on urban issues. Leaf management, storm water, construction erosion. Were aware of Green Tier, aware of John Imes with Wisconsin Environmental Initiative, and citizen interest. Wanted to find out what the different approaches were.</li> <li>• Wanted everyone to understand the complexity of the issue. The role that CLA can play is supporting. Need to understand issue and understand what others are doing.</li> <li>• One thing that came out is that there is the perception that erosion control is still a major contributor. The 19% number (19% of phosphorus in Madison lakes comes from construction site erosion) may not be correct anymore, but what is the appropriate number?</li> <li>• CLA approach is to highlight the good actors, trying to find incentives for good to continue.</li> <li>• It would be a good idea if CLA could help enlighten the public and help them to "complain better."</li> <li>• Where can CLA help regulatory agencies do their jobs?</li> <li>• What can individuals do? Educate folks to tell their contractor that erosion control is important to them.</li> </ul>	Discussion	Elizabeth / Sue / others

Update on Permeable Pavement Tech. Std.	<ul style="list-style-type: none"> <li>• Broad review completed, received a lot of comments. Run on ratio continues to be major talking point.</li> <li>• Some things have changed as responses were developed for comments.</li> <li>• Changed standard to allow alternative product.</li> <li>• Run-on ratio staying at 5:1, max. Run on ratio for infiltration area still 3:1.</li> <li>• Hope that the field study will show where the filtering is actually happening.</li> <li>• Madison study test site, moved to Sycamore St. parking lot. A lot more possibilities with having city as a partner. Install expected when frost is out of ground. Having a design meeting on February 4<sup>th</sup>.</li> <li>• Looking to finalize document within the next week or two, send to DNR for approval and hopeful publishing in spring.</li> <li>• Will need to address what failed pavement is.</li> </ul>	Update	Chris Homburg
2013 Annual Report	<ul style="list-style-type: none"> <li>• Reviewed draft of annual report.</li> <li>• Goal: will talk about recycling at future meeting.</li> <li>• Tour: could go look at the permeable pavement test site.</li> <li>• Edit paragraph for #2 (mission statement reassessment)</li> <li>• Help with education for permeable pavement. NASECA could help promote during spring contractor training.</li> <li>• Getting other departments here for outreach (DSPS, DOA, etc.). Someone from UW Facilities. What about Madison College?</li> <li>• Goal #6: divide SOC process from field pilot project.</li> <li>• Goal #7: Dave Taylor/MMSD re: Yahara WINS</li> <li>• There was interest in modifying the mission statement? It was thought to be too inclusive and should focus on sites broader than subdivisions (streets, commercial sites, etc.)? Language will be changed. Will send out for comments/approval from signatories.</li> <li>• Schedule site tour early in 2014.</li> </ul>	Discussion related to Annual Report	All
Next meeting	Thursday February 27, 2014 @ 8:30 a.m at DNR	Inform	All

**Green Tier Clear Waters Initiative Board Meeting**  
**Thursday February 27, 2014 @ 8:30 a.m., hosted by DNR**  
**Gathering Waters Conference Rm, 3911 Fish Hatchery Road, Fitchburg, WI**

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**----- Agenda Topics -----**

- Board Member Reports
  - Update on permeable pavement standard (Chris Homburg)
  - Cooperative Permitting Process, Ch. 30 permits (Jeremy Balousek/Sue Josheff)
    - Dane County's recent attempt to use the CPP
    - Review of Appendix 6, Section 2
  - Discuss future guest speakers/topics
  - Next meeting:
    - Thursday April 10, 2014 @ City of Sun Prairie, 300 E. Main Street
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Green Tier Clear Water Initiative Board Meeting  
February 27, 2014; hosted by DNR

In attendance:

x	Jeremy Balousek	Dane County
x	Josh Harder	Dane County
x	Chris Homburg	Homburg, Inc.
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Laura Bub	Dept. of Natural Resources
x	Sue Josheff	Dept. of Natural Resources
x	Lenny Kanter	Dept. of Safety and Professional Services
x	Tom Veith	City of Sun Prairie
x	Gary Danz	Veridian Homes
x	Dea Larsen Conervse	

AGENDA ITEM	DISCUSSION	ACTION	LEAD
Board Member Reports	<ul style="list-style-type: none"> <li>• DNR:               <ul style="list-style-type: none"> <li>• New Regional Water Leader = Steve Ales</li> <li>• Ch. 30 permitting is way down, except for in Dane County.</li> <li>• Website for jurisdictional determinations is starting to get populated; OHWM, navigability.</li> <li>• Individual Permit processing taking about 68 days, which includes a 30 day public notice.</li> <li>• Storm water permits are steady.</li> <li>• New MS4 general permit is out for public hearing.</li> </ul> </li> <li>• Department of Safety and Professional Services               <ul style="list-style-type: none"> <li>• In the middle of code update trainings</li> <li>• New emergency rule for wall bracing</li> <li>• Interest in following up on underperforming inspector's.</li> </ul> </li> <li>• City of Madison:               <ul style="list-style-type: none"> <li>• Same number of single family home permits as last year. Multi-unit permits are up (3 in 2013, 9 so far in 2014).</li> <li>• Steady permit plan review; some plat reviews on west side</li> </ul> </li> <li>• City of Sun Prairie:               <ul style="list-style-type: none"> <li>• Very busy. Prairie Lakes has Marcus</li> </ul> </li> </ul>	updates	ALL

	<p>Theaters and Cabelas breaking ground this spring. Also have smaller commercial project. A lot of capital improvement projects.</p> <ul style="list-style-type: none"> <li>• Dane County: <ul style="list-style-type: none"> <li>• Dam rehabilitation project on Babcock/LaFollette complete</li> <li>• John Reimer continues to work on his rain gage project. Looking for partners to house/place weather stations.</li> <li>• About same number of permits as prior years, projects are bigger in scope.</li> <li>• NASECA field tour in LaCrosse on June 5, 2014 re: Fish &amp; Wildlife Service Island creation in Mississippi River.</li> </ul> </li> <li>• Homburg : <ul style="list-style-type: none"> <li>• Slow because frost is very deep.</li> <li>• Looks like it will be a good year.</li> </ul> </li> <li>• Veridian Homes: <ul style="list-style-type: none"> <li>• Dealing with the bad weather and deep frost.</li> <li>• Projecting a 27% increase in homes this year; good customer base.</li> <li>• Two new phases in 2014; one in Madison, one in Milwaukee.</li> </ul> </li> <li>• Tim O'Brien Homes <ul style="list-style-type: none"> <li>• No report</li> </ul> </li> <li>• Clean Lakes Alliance <ul style="list-style-type: none"> <li>• No report</li> </ul> </li> <li>• Lakes and Watershed Commission <ul style="list-style-type: none"> <li>• No report</li> </ul> </li> <li>• Clean Lakes Alliance <ul style="list-style-type: none"> <li>• No report</li> </ul> </li> <li>• Dea Larsen Converse <ul style="list-style-type: none"> <li>• Freelance writing and editing for Clean Lakes Alliance.</li> <li>• Looking for public information that might be available related to storm water facilities and phosphorus reduction.</li> </ul> </li> </ul>		
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Update on Permeable Pavement Tech. Std.	<ul style="list-style-type: none"> <li>The standard has been published and is now an active standard. <a href="http://dnr.wi.gov/topic/stormwater/documents/PermeablePavement1008.pdf">http://dnr.wi.gov/topic/stormwater/documents/PermeablePavement1008.pdf</a></li> <li>Can be found online as Technical Standard 1008</li> <li>Gets 55% TSS reduction, 35% Phosphorus reduction.</li> <li>UW Extension will be working on outreach webinars.</li> </ul>	Update	Chris Homburg
Update on Permeable Pavement Test Plot	<ul style="list-style-type: none"> <li>Test plot: all funding sources still on board. Intention to start test plot March 15, but that probably won't happen due to the weather.</li> <li>Test plot will look at what the pavement does vs. the aggregate layer.</li> <li>Very expensive, DOT has provided a lot of financial funding with grants.</li> </ul>	Update	Chris / C. of Madison
Cooperative Permitting Process	<ul style="list-style-type: none"> <li>There was discussion about Dane County's recent attempt to use the Cooperative Permitting Process (CPP) to work through a ch. 30 permit issue. It was not clear what the benefit was from working through the CPP process. Ideally, a shorter permitting timeframe would be the biggest benefit. Central permit intake confuses the issue.</li> <li>A subcommittee was formed to review Appendix 6: Cooperative Permitting Process. Members of the subcommittee include Jeremy Balousek, Chris Homburg &amp; Tim Troester.</li> </ul>	Discussion	Jeremy / Sue
Mission Statement Review	<ul style="list-style-type: none"> <li>It was agreed that the Mission Statement, as revised in 2010/2011 would be used, with one minor modification. With the exception of Lakes and Watershed Commission (L&amp;WC) (absent from meeting) all signatories agreed to the change at the meeting. Once approved by L&amp;WC, the revision will be considered final.</li> </ul>	Discussion	All
Future Speakers / Topics	<ul style="list-style-type: none"> <li>The group would like to take a field trip to the permeable pavement test plot when it is constructed.</li> </ul>	Brainstorm	All
Next meeting	Thursday April 10, 2014 @ 8:30 a.m at City of Sun Prairie	Inform	All

**Green Tier Clear Waters Initiative Board Meeting**  
**Thursday, April 10, 2014 @ 8:30 a.m., hosted by Sun Prairie**  
**300 E. Main Street, Sun Prairie**

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**----- Agenda Topics -----**

- Board Member Reports
  - Update on permeable pavement pilot project (Chris Homburg)
  - Compliance inspections in 2014
    - GOAL 2: Complete annual inspections comparing compliance between sites of Charter members and non-Charter members.
  - Next meeting:
    - Thursday, May 22: Homburg, Monona State Bank, 6430 Bridge Road, Monona
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## Notes from April 10, 2014 Green Tier Clear Waters Initiative Board Meeting

Attendees: Jeremy Balousek, Gary Danz, Chris Homburg, Andrew Homburg, Scott Kerr, Lenny Kantner, Lyle Updike?, Tim Troester, Tom Veith, Kim McCutcheon

- Kim McCutcheon will send out notice for April 17 Sustainable Strategies Webinar Series (Topic is permeable pavement)
- DNR -Dane County construction NOI's down about 1/3 from last year (Jan/Feb/March)
- Veridian notes that utilities still a problem damaging BMP's. Wants to experiment with laying sock after backfill in winter. Experimenting with tracking pads laying down 3inch clear stone over cardboard. Terraces are generally unprotected. Possible agenda item for next meeting terrace treatment.
- Andrew Homburg – residential picking up but it is a fragile economy. Homes are trending smaller.
- Chris Homburg – Recycling Ag Buildings out by Alliant Energy Center. Agrees that terraces are definitely a problem. Homburg likes to maintain the frontage so BMP's get implemented.
- Lenny Kanter – Commercial reviews took up lots of overtime to get caught up.
- Ordinance amendment on mineral extraction.
- Scott Kerr- permits up housing sizes smaller and downtown construction is booming. Sites looking bad all over, lots of clean-up going on after long winter. Peter Tonn product still not being installed properly.
- Tim Troester – Met last week with MABA. Grading lot plans need approval. Looking at a preapproved list of builders/contractors for an expedited process. Working through TMDL issues.
- Tom Veith – Lots of activities in the Prairie Lakes Development (commercial). Residential looking at opening up new phases.
- Dane Co. – Projects are bigger. NASECA conference coming up. June 5 Manure spreading and run-off happening only 1 citation to date. The department has been re-organized so ag run-off is in Jeremy's section now. Cherokee carp round up scheduled? Carp are stirring up sediments. Discussion group on TSS 80% to 5 tons more to come.
- Permeable Pavement project has started! Excavated and most concrete work will be done by next week. May want to consider a field trip next meeting to the site. WDOT is committed funding for the testing through 2018.
- Annual Inspections? Still looking at August/September? Good opportunity to hear and discuss erosion control opportunities and challenges amongst members compared to non-members. Set firm date at May meeting.
- Topics for future meetings: Sycamore Site, Perimeter Control Winter months, Meet with utilities to work on strategies to maintain erosion control BMP's

## **Green Tier Clear Waters Initiative Board Meeting**

**Thursday May 22, 2014 @ 8:30 a.m.**

**City of Madison Streets Division Building located at 4602 Sycamore Ave.  
Please park on the street or in the lot across from the building**

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### **----- Agenda Topics -----**

- Board Member Reports
- Update on permeable pavement test plot (Chris Homburg & Bill Selbig - USGS) – 9:00 AM

If time allows:

- Requirement of erosion measures installed prior to excavation in the winter months
  - Installing the tracking pad between the curb & sidewalk on existing lots prior to freezing conditions.
  - Next meeting:
    - Thursday, July 3, 2014 @ Dane County @ 1 Fen Oak, Madison
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# Green Tier Clear Waters Initiative Board Meeting

Thursday May 22, 2014 @ 8:30 a.m.

City of Madison Streets Division Building located at 4602 Sycamore Ave.  
 Please park on the street or in the lot across from the building

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## ----- Notes -----

### Attendees

x	Jeremy Balousek	Dane County
x	Josh Harder	Dane County
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Andrew Homburg	Homburg, Inc.
x	Lennie Kantør	Dept. of Safety and Professional Services
x	Gary Danz	Veridian Homes
x	Bill Selbig	US Geological Survey
x	Nate	County Materials
x	Mike	

- **Board Member Reports**

- **Homburg, Inc.** – Swamped by commercial work – best since the recession. Residential is good - ahead of the curve.
- **Dane County** – Lots of plan reviews. Creating an inspection program for existing storm water facilities.
- **DSPS** – Commercial plan reviews still on overtime. Continuing to do municipal audits.
- **Veridian Homes** – Very busy – 100 homes since March 1. 21 phases open in Madison and Menomonee Falls. Having trouble finding tradesmen to hire.
- **Madison** – Swamped. Updated permitting to better match County. Continuing to have problems with media filled perimeter control products being installed incorrectly.
- **Sun Prairie** – Very busy. New starts for Marcus Theaters and Cabelas. Working with high school teachers to get some engineering in the school.
- **DNR** – Haven't replace Laura Bub in the Storm Water Program or with GTCWI yet. Continuing to improve the E-permitting.

- **Update on permeable pavement test plot (Chris Homburg & Bill Selbig - USGS)**

The test plot will have a 10 to 1 parking lot to plot ratio. Hope to eventually plug the permeable surface to learn more about restoring the permeability. Cameras will be installed so that interested parties can log on and watch the pavement. Monitoring includes sampling water in to the plot and out for total phosphorus, dissolved phosphorus, total suspended

solids, suspended sediment, particle size distribution and chloride and temperature through the material.

- **Proposed winter construction practices – (Gary Danz)**

Veridian will continue construction through the winter and proposes modified practices prior to frozen ground. After some discussion, Gary agreed to bring a proposal to the next meeting.

- Next meeting:

- Thursday, June 26, 2014 @ City of Madison Streets Division parking lot across from 4602 Sycamore Ave.

**Green Tier Clear Waters Initiative Board Meeting**  
**Thursday, June 26, 2014 8:30 a.m.**

**Hosted by Dane County**

**City of Madison Streets Division Building located at 4602 Sycamore Ave.**  
**Please park on the street or in the lot across from the building**

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**----- Agenda Topics -----**

- Update on permeable pavement test plot (Chris Homburg)
  - Board Member Reports  
How has the recent weather affected your erosion control?
  - Requirement of erosion measures installed prior to excavation in the winter months (Gary Danz)  
Installing the tracking pad between the curb & sidewalk on existing lots prior to freezing conditions.
  - Ch. 30 permit committee meeting set-up – (Sue Josheff)
  - Next meeting:  
Thursday, August 14: City of Madison, 1600 Emil Street, Madison
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# Green Tier Clear Waters Initiative Board Meeting

Thursday, June 26, 2014 8:30 a.m.

Hosted by Dane County

City of Madison Streets Division Building located at 4602 Sycamore Ave.

Please park on the street or in the lot across from the building

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## ----- Notes -----

### Attendees

x	Kevin Connors	Dane County
x	Josh Harder	Dane County
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Andrew Homburg	Homburg, Inc.
x	Lennie Kantor	Dept. of Safety and Professional Services
x	Gary Danz	Veridian Homes
x	Lyle Updike	Dane Co. Lakes and Watershed Commission

### • Board Member Reports

- **Dane Co.** – Busy. Making Urban Water Quality Grants. Check out the rainfall data being collected on INFOSYAHARA.org
  - **Madison** – One storm after another so having to triage. Complaints are up. New summer employees getting training. City-wide computer update.
  - **Sun Prairie** – Busy. Water quality damage from storm were well contained.
  - **Dane Co. L & W** – Budget to the County Executive.
  - **Veridian** – Very busy. Recent storms were contained – no catastrophes.
  - **Homburg** – Busy. Continuing to bid 2014 projects. Erosion control has been an everyday workload due to the rain.
  - **DSPS** – Bracing rules are out. Commercial plan reviewers are in the 4<sup>th</sup> month of mandatory plan review.
  - **DNR** – Jim Martin has been hired into the Storm water position that was vacated by Laura Bub.
- 
- **Update on permeable pavement test plot** – Instrumentation is being installed for the monitoring.
  
  - **Requirement of erosion measures installed prior to excavation in the winter months** - Gary Danz will provide a proposal that the signatories will review.
  
  - **Ch. 30 permit subcommittee set-up** – Sue Josheff, Jeremy Balousek, Chris Homburg, Tim Troester
  
  - **Next meeting:**  
Thursday, August 14: City of Madison, 1600 Emil Street

**Green Tier Clear Waters Initiative Board Meeting**  
**Thursday, August 14, 2014 8:30 a.m.**  
**Hosted by City of Madison**  
**1600 Emil Street, Madison, WI**

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**----- Agenda Topics -----**

- Board Member Reports
  - Winterizing lots – Gary Danz  
  
DOC071614.pdf
  - Annual inspection program for this year
  - Update on permeable pavement test plot (Chris Homburg)
  - Next meeting:  
Thursday, September 25, 8:30 a.m.: Host - DNR, 3911 Fish Hatchery Road,  
Fitchburg
-

# Green Tier Clear Waters Initiative Board Meeting

Thursday, August 14, 2014 8:30 a.m.

Hosted by City of Madison

Sycamore Parking Lot - adjacent to the permeable pavement test plot

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## ----- NOTES -----

### Attendees

x	Josh Harder	Dane County
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Andrew Homburg	Homburg, Inc.
x	Gary Danz	Veridian Homes
x	Lyle Updike	Dane Co. Lakes and Watershed Commission
x	Tim Anderson	Perfect Environmental Performance, LLC

### • Board Member Reports

- **Dane Co.** – Busy. Received a County Sustainability Grant to eliminate paper in the storm water management programs – transitioning to electronic plans and devices to take plans to the field.
- **Madison** – Genesis Steinhorst is leaving. EPA giving City 7 days to respond to a 2013 audit report that was just sent to the City. Downtown construction booming. During the Johnson Street construction, found sumps that were connected to sanitary that had to be corrected to the storm sewer. Cracking down on contractors' street occupancy.
- **Sun Prairie** – Busy. City's Capital Improvement projects are wrapping up. Working on a trail with Madison. Commercial remains strong.
- **Dane Co. L & W** – Community engagement planned on softener salt since chlorides are showing up in groundwater. Also working on road salt reduction.
- **Veridian** – Very busy. Started on winter planning. Doubling up on excavation. Starting a new development in Milwaukee. Good interest for buying. Major fire in a multi-family unit under construction. ATF investigating.
- **Homburg** – Busy. Got great turn-around from the County on the Monona School Parking. Appreciated the Charter signatory cooperation. Residential still has momentum. Existing homes sales are up.
- **DNR** – Busy.

- **Winterizing lots** – See attachment proposal. The signatories agreed to pilot the activities this winter and compare with other lots not using the proposed erosion measures.
- **Annual inspection program for this year** – Inspection will be either September 11 or 19. Scott will try to get a 15 passenger van. Mix of Veridian, no-Veridian, commercial and residential sites will be visited.
- **Update on permeable pavement test plot** – The monitoring equipment is in. Calibration will occur in August and should be gathering data by September.
- **Next meeting:**  
Thursday, September 25, 8:30 a.m.: Host - DNR, 3911 Fish Hatchery Road, Fitchburg



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**PROPOSAL TO IMPLEMENT ALTERNATIVE OR NEW METHODS TO IMPROVE  
AND STABILIZE SINGLE FAMILY HOME BUILD SITES**

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Consideration By: Green Tier Clear Waters Initiative (GTCWI) Members

Proposed By: Veridian Homes, LLC and Affiliates

### **BACKGROUND**

The primary purpose of the Clear Waters Initiative is to have a group of otherwise unassociated entities work together to produce superior environmental performance. The focus of this group is erosion control improvement and storm water runoff management, although its charter does not limit it just to these areas of improvement.

Veridian Homes was one of the founders of the group. Veridian has since participated in several improvements, as shown in the following activities:

- Pioneering virtual inspection with transparency
  - In this activity, Veridian takes digital photographs of all of Veridian's active single family homes (SFH) build sites. The photos are then labeled and posted in a means agreeable to the GTCWI members and are available to the public. In addition to the photos taken by Veridian, there is set of photos and a report generated by a third party each time there is a one inch, or more, rainfall recorded by the National Weather Service at the Dane County Airport. This method of collaborative self-management was implemented in 2008 within our environmental management system after the pilot test was approved by GTCWI. The self-inspection process allows interested parties, including governmental inspectors, to view activity at each site under normal and runoff conditions. The self-inspection process resulted in superior environmental performance by becoming a quality assurance tool that prevented or minimized erosion situations and rushed response to potential significant erosion issues.
  
- Pilot test for the utilization of Soxx
  - Soxx, a proprietary type of erosion control device, was implemented in 2009 by Veridian with the approval of GTCWI. Soxx was proven to be a more manageable approach to prevent and limit storm water sediment release than a silt fence in many applications. Although Soxx was not a replacement for all silt fence applications, its versatility gave builders a new tool to fight sediment release. Soxx also allowed the erosion control device to move to impacted spots or be moved and repositioned as site conditions changed. It resulted in superior environmental performance for sediment control.

In addition, Veridian has participated in regular meetings to discuss improvements, concepts and innovations proposed by others, including governmental participants of CWI.



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**PROPOSAL TO IMPLEMENT ALTERNATIVE OR NEW METHODS TO IMPROVE  
AND STABILIZE SINGLE FAMILY HOME BUILD SITES**

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**PROPOSED PILOT PROJECT DETAIL**

In the spirit of collaboration and continuous improvement, Veridian is proposing two additional improvements we would like to pilot test and if found to be the improvement that we believe they will be, implement.

**IMPROVEMENT 1**

*Purpose:* Prevent destruction of Soxx, costly repairs/replacement of Soxx and loss of erosion control effectiveness.

*Problem Description:* During the fall season, particularly after frost has set in and/or lasting snow has fallen, the Soxx becomes frozen to the ground. When the excavators arrive to dig a basement, or later, to backfill the foundation, the Soxx is driven over or ripped out to gain entrance to complete the earth moving activity. The time period is roughly one week between the dig and backfill although it is possible to be as long as two weeks.

*Proposal:* Veridian is proposing the approval to place Soxx at the build lot site after backfill - from the first lasting frost or snowfall until spring thaw conditions prevail. We propose to track those sites during the dig to backfill time and, if reasonably foreseeable, would install Soxx should an unusual weather related event be predicted that would foster sediment release. Heavy rain in January would be an example of an unusual weather condition, particularly if frost had not set in. In other words, Veridian would actively manage the lots to which the interim exemption applied. The current inspection processes would monitor the success and/or problems associated with this pilot in a transparent manner, as is now the case. During the spring season of 2015, Veridian would report back to the CWI regarding successes and/or problems with the pilot project.

**IMPROVEMENT 2**

*Purpose:* Prevent erosion, reduce material waste and improve safety, as it is related to the management of "terrace" areas at build sites.

- *Definition:* A "terrace" area is the soil area between the public sidewalk and the curb in front of single family build sites.

*Problem Description:* There has been a need to establish responsibility for the terrace areas at build sites. This area is driven over, parked upon and eroded. Because of the lack of clear rules the terrace sidewalk and curb are often broken or damaged by a variety of work, delivery and/or plowing activities. In order to preserve the area, builders place large stones over the terrace and sidewalk for access. This remedy helps the terrace but damages sidewalks and prevents clear and safe passage by pedestrians. The presence of soft soil in the terrace has shown these areas to be some of the most prone to erosion even when the lots are well protected.

*Proposal:* Veridian is proposing that the terrace area be allowed to have stone inserted to provide a base for possible access and to stabilize the erodible soil. Further, Veridian wants to be able to insert the stone base into the terrace and five feet onto the lot prior to the first frost for winter build sites. The stone base would not extend over the sidewalk but be at the same level. That way a firm base is provided and the erodible area would be stabilized during construction. The anticipated outcome will provide stable access, keep sidewalks



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**PROPOSAL TO IMPLEMENT ALTERNATIVE OR NEW METHODS TO IMPROVE  
AND STABILIZE SINGLE FAMILY HOME BUILD SITES**

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clear of stone, making it safer for pedestrians, and prevent a large amount of concrete replacement that is commonly associated with the current best practice.

**CONCLUSION**

The two proposed pilot projects above are within the scope of the GTCWI Environmental Results Program Charter. The proposed changes also coincide with the Veridian GTI-EMS continual improvement objectives. Objective evidence supporting the success of the proposed changes is contained within the publicly available observations achieved in the CWI approved Veridian Homes Virtual Inspection Program.

Support for pilot programs of this type is contained in Appendix 1 of the Charter (rev 12/10 per WDNR supplied document); however, clarification of (2) "Timing" for perimeter controls will need to be addressed to facilitate Improvement #1. The pilot programs being proposed are also supported by the scope of Appendix 2 - Performance Assurance (2) (3) (rev.12/10).

Improvement pilot #1 is expected to improve performance by placing fully functional EC (Soxx) on the job site after the activities that most often destroy the EC. The time period is short and only during frozen or snow covered ground periods. The EC improved performance can be maintained throughout the completion of the build through final stabilization.

Improvement Pilot #2 takes responsibility for a continual problem area in a way that establishes soil stability, erosion control and waste minimization. Access may be improved. Direct cost would be higher per lot but the expectation is that concrete replacement costs would be lowered to offset the investment. A win-win, we believe.

We propose that a successful outcome to these projects will allow Veridian to implement these as standard practices in its erosion control tool box including approval of the GTCWI signatories.

Veridian is seeking approval from members of the GTCWI Charter to proceed with these pilot improvement projects.

Signed David Simon:

Signed Gary Danz:

Date:

7/16/14

## **Green Tier Clear Waters Initiative Board Meeting**

**Thursday, September 25, 2014 8:30 a.m.**

**Hosted by DNR**

**Parking Lot across from East Madison Streets Dept. Building at 4602  
Sycamore Avenue, Madison, WI**

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### **----- Agenda Topics -----**

- Board Member Reports
  - Annual inspection program for this year (Jeremy Balousek/Scot Kerr)
  - Update on permeable pavement test plot (Chris Homburg)
  - Review of the 2014 goals
  - Next meeting:  
Thursday, November 6: Veridian Homes, 6801 South Towne Drive
-

# Green Tier Clear Waters Initiative Board Meeting

Thursday, September 25, 2014 8:30 a.m.

Hosted by DNR

Parking Lot across from East Madison Streets Dept. Building at 4602  
Sycamore Avenue, Madison, WI

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## ----- Notes -----

### Attendees

x	Josh Harder	Dane County
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Andrew Homburg	Homburg, Inc.
x	Gary Danz	Veridian Homes
x	Lyle Updike	Dane Co. Lakes and Watershed Commission
x	John Reimer	Dane County

- **Board Member Reports**

Everyone agrees that the economy has recovered enough to have a strong construction sector. They also agree that many contractors and their subs do not understand the importance or are not doing good erosion control and need education.

**Homburg** – Commercial/Industrial/Residential construction is solid and there are late starts this time of year to beat winter. Gas prices and interest rates helping.

**Veridian** – Strong sales. Starting to install the new pilot winter approach. Need to finish some new phases that were started this year.

**Madison** – Maintaining high permit load. Lots of remodeling. Lots of starts to beat frozen ground. Looking at the gap for redevelopment between 4,000 and 20,000 square feet and stormwater requirement for ‘maintenance’ paving. Lots of concern over no maintenance v. losing parking spaces.

**Sun Prairie** – Commercial permit applications still coming in. Completed W. Main Street which will likely lead to more residential development. Internally reviewing the Storm Water Utility credits to owners.

**Dane County** – Also seeing the rush for fall construction. Permitting on pace with 2013. Continuing with the records modernization project. Expanding the rainfall gages in the County using citizen reporting and newly installed gages. Chris mentioned that he uses the County’s rainfall gage for projects that are a greater distance away so he knows whether an inspection is required.

**DNR** – Vacancy in our Waterway and Wetland Protection program.

- **Annual inspection program for this year** – Scheduled for October 19. Veridian is providing the van.
- **Update on permeable pavement test plot** – The test plot was cleaned last week. There was permeability testing. Permeable concrete may be a little tighter than usual. The preliminary monitoring results appear to be very positive.
- **Review of the 2014 goals** – The Charter made progress or completed most of the 2014 goals. We will review each goal for whether to include in 2015 goals.
- **Next meeting:**  
Thursday, November 6: Veridian Homes, 6801 South Towne Drive

## **Green Tier Clear Waters Initiative Board Meeting**

**Thursday, November 6, 2014 8:30 a.m.**

**Hosted by Veridian**

6801 South Towne Drive.

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### **----- Agenda Topics -----**

- Board Member Reports
  - Annual inspection program (Jeremy Balousek/Scot Kerr)
  - Update on permeable pavement test plot (Chris Homburg)
  - New Member - Menomonee Falls?
  - Next meeting:  
Thursday, December 18: Sun Prairie, 300 E. Main Street, Sun  
Prairie
-

# Green Tier Clear Waters Initiative Board Meeting

Thursday, November 6, 2014 8:30 a.m.

Hosted by Veridian

6801 South Towne Drive.

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## ----- Notes -----

### Attendees

x	Josh Harder	Dane County
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Andrew Homburg	Homburg, Inc.
x	Lyle Updike	Dane Co. Lakes and Watershed Commission
x	Jeremy Balousek	Dane County
x	Lennie Kanter	Dept. of Safety and Professional Services

- **Board Member Reports**

**Dane County Lakes and Watershed Comm.** – It's county budget time which may result in some changes.

**Dane County** – 2014 permits are up to 2007 levels. Still getting applications for fall construction. Requesting new budget items for purchase of rain gages and river gages. Josh helped explain an issue that has risen with DSPTS plumbing over pipes leading to detention basins. He attended a meeting with DSPTS staff and MaryAnn Lowndes of DNR attempting to resolve the issue.

**Madison** – Now that the economy is improving, there are new contractors on the scene which are bringing about new problems and the need to educate. Seeing a 'shortage' of Portland cement. Still have some plats trying to beat the snow.

**Sun Prairie** – Big rush for last minute work and 'buttoning up' sites.

**Homburg** – Very busy. Hoping the weather cooperates and the Portland cement supply holds out. Good outlook for Spring work.

**DSPTS** – Commercial Building Plan reviewers have been on overtime since April. 3 new reviewers have been hired. New wall bracing requirements still raising questions.

- **Annual inspection program**

The van ride is always the least comfortable part of the day. Results of the inspections are on the attachment. The results confirm that Green Tier members consistent outperform no members in construction site erosion control. Staging sites were greatly improved this year.

Municipal inspectors' comments –  
“Like night and day.” In reference to Green Tier v. non-Green Tier  
“Veridian is doing a great job.”  
“Homburg’s sites are above and beyond.”

- **Update on permeable pavement test plot** – The website and cameras are up and running. Website is at:  
<http://wi.water.usgs.gov/non-point/permpave/>
- **New Member - Menomonee Falls?**  
Signatories thought that GTCWI was Dane County-based. It was created to address issues identified in the Lake Mendota Priority Watershed Report. Signatories are hesitant to expanding to include a municipality outside the County and the watershed.
- **Next meeting:**  
Thursday, December 18: Sun Prairie, 300 E. Main Street, Sun Prairie

Greentier Site Evaluation Summary for visits completed on 10-19-14

Commercial Non-Greentier Sites

1 :Madison		1 :Sun Prairie		2 :Sites Total		BMP Ratings		Enforcement Action		Level of Enforcement		Overall Rating	
Adequate	Marginal	Inadequate	Yes	No	Corrective	Notice	Citation	Adequate	Marginal	Inadequate			
2	1	8	2	0	2	2	0	2	0	2			
1	0.5	4	1	0	1	1	0	0	0	1			
Totals													
Avg per Site													

Commercial Greentier Sites

1 :Madison		0 :Sun Prairie		1 :Sites Total		BMP Ratings		Enforcement Action		Level of Enforcement		Overall Rating	
Adequate	Marginal	Inadequate	Yes	No	Corrective	Notice	Citation	Adequate	Marginal	Inadequate			
5	1	0	0	1	0	0	0	1	0	0			
5	1	0	0	1	0	0	0	1	0	0			
Totals													
Avg per Site													

Residential Non-Greentier Sites

5 :Madison		3 :Sun Prairie		8 :Sites Total		BMP Ratings		Enforcement Action		Level of Enforcement		Overall Rating	
Adequate	Marginal	Inadequate	Yes	No	Corrective	Notice	Citation	Adequate	Marginal	Inadequate			
12	6	27	8	0	7	6	4	2	1	5			
1.5	0.75	3.38	1	0	0.88	0.75	0.5	0.25	0.125	0.625			
Totals													
Avg per Site													

Residential Greentier Sites

2 :Madison		1 :Sun Prairie		3 :Sites Total		BMP Ratings		Enforcement Action		Level of Enforcement		Overall Rating	
Adequate	Marginal	Inadequate	Yes	No	Corrective	Notice	Citation	Adequate	Marginal	Inadequate			
12	5	1	0	3	2	0	0	3	1	0			
4	1.67	0.33	0	1	0.67	0	0	1	0	0			
Totals													
Avg per Site													

C-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: Marques Theatre

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: San Prairie

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection	X		
Site access			X
Inlet protection			X
Site stabilization			X
Clean street status			
Protection of cultural/natural res.			

Remarks

- pea gravel ~~to~~ tracking pad or none.  
 - signs of soil leaving site  
 - perimeter controls not existing or blown  
 - no inlet protection

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

C-N  
2.2  
GT

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: Watermark Cofts

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access			X
Inlet protection	X		
Site stabilization			X
Clean street status		X	
Protection of cultural/natural res.			

Remarks

- no tracking pool  
- no perimeter

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: M3 Office (Hornburg)

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls	✓		
Interim surface protection	✓		
Site access	✓		
Inlet protection	✓		
Site stabilization	✓		
Clean street status		✓	
Protection of cultural/natural res.			

Remarks

- also had sect. traps.  
 - clean site

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: Blue Aster / Coonston (3 lots) No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Seminole

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls		X	
Interim surface protection	X		
Site access	X		
Inlet protection	X		
Site stabilization	X		
Clean street status	X		
Protection of cultural/natural res.			

Remarks

- rocks not installed properly  
 - 1 lot good

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 286 S. Legacy

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Sun Prairie

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access			X
Inlet protection			
Site stabilization			X
Clean street status			X
Protection of cultural/natural res.			

Remarks

- no tracking pad  
 - poor perimeter control

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 202 S. Legacy

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: San Prairie

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access	X		
Inlet protection			X
Site stabilization			X
Clean street status			X
Protection of cultural/natural res.			

Remarks

- concrete washed into street

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 9318 Colbalt (Encore)

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls		<input checked="" type="checkbox"/>	
Interim surface protection		<input checked="" type="checkbox"/>	
Site access	<input checked="" type="checkbox"/>		
Inlet protection	<input checked="" type="checkbox"/>		
Site stabilization	<input checked="" type="checkbox"/>		
Clean street status	<input checked="" type="checkbox"/>		
Protection of cultural/natural res.			

Remarks

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 9325 Colbalt (Heffron)

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access			X
Inlet protection		X	
Site stabilization			X
Clean street status			X
Protection of cultural/natural res.			

Remarks

- no tracking pad

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 9418 Colbolt

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

21

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access			X
Inlet protection			
Site stabilization			X
Clean street status			X
Protection of cultural/natural res.			

Remarks

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 9420 & 9424 Stonywood (Midwest) No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection			X
Site access			X
Inlet protection	X		
Site stabilization			X
Clean street status	X		
Protection of cultural/natural res.			

Remarks

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-N

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: Tsevor (Dian O'Brien) No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls			X
Interim surface protection		X	
Site access	X		
Inlet protection			X
Site stabilization		X	
Clean street status			X
Protection of cultural/natural res.			

Remarks

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-G

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: Smith's Crossing lot 151

Date/Time of site visit: 10-9-14

Community / County: San Prairie

Evaluator: \_\_\_\_\_

No. of Lots: \_\_\_\_\_

~~1702~~  
1717  
1709  
1710

467-9399

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls	X		
Interim surface protection	X		
Site access	X		
Inlet protection		X	
Site stabilization	X		
Clean street status	X		
Protection of cultural/natural res.			

Remarks

- 1 ~~lot~~ inlet unprotected  
 - adjacent lots temp. stabilized w/ mulch

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

R-G

Greentier Evaluation Form

lot 195 193  
36 192

LOT-LEVEL EROSION CONTROL EVALUATION

Site Name: 38 Birchwood Point (Veridian)

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls	X		
Interim surface protection	X		
Site access	X		
Inlet protection	X		
Site stabilization	X		
Clean street status	X		
Protection of cultural/natural res.			

Remarks

- rock needs maintenance  
 - inlet protection needs maintenance

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

Greentier Evaluation Form

LOT-LEVEL EROSION CONTROL EVALUATION

~~#01~~  
(6 lots)

Site Name: ~~#01~~ Linden Park (Vincennes)

No. of Lots: \_\_\_\_\_

Date/Time of site visit: 10-9-14

Community / County: Madison

Evaluator: \_\_\_\_\_

BMP / Rating	Adequate	Marginally adequate	Inadequate
Perimeter controls		X	
Interim surface protection		X	
Site access	X	X	
Inlet protection			X
Site stabilization		X	
Clean street status	X		
Protection of cultural/natural res.			

Remarks

- trucking pad gone. (211)  
 ↳ flatwork guy wasted stone  
 - some rock on sidewalk

Is the implementation of BMP's consistent with the site's erosion control plan(s)?  Yes  No

Enforcement action warranted?  Yes  No

Level of enforcement action recommended  Corrective Maint.  Notice  Citation(s)

Overall lot-level rating:  Adequate  Marginally adequate  Inadequate

## **Green Tier Clear Waters Initiative Board Meeting**

**Thursday, December 18, 2014 8:30 a.m.**

**Hosted by Sun Prairie**

Sun Prairie City Hall, 300 E. Main Street, Sun Prairie

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### **----- Agenda Topics -----**

#### **Annual Meeting**

- Board Member Reports (All)
  
  - Annual Report (All)  
2014 Accomplishments  
2015 Goals  
Report Style
  
  - Update on permeable pavement test plot (Chris Homburg)
  
  - Election (All)
  
  - Next meeting: Thursday, January 29, 2015  
Host: Homburg,  
At: Monona State Bank, 6430 Bridge Road, Monona
-

# Green Tier Clear Waters Initiative Board Meeting

Thursday, December 18, 2014 8:30 a.m.

Hosted by Sun Prairie

Sun Prairie City Hall, 300 E. Main Street, Sun Prairie

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## ----- Notes -----

### Annual Meeting

#### Attendance

x	Rick Eilertson	City of Fitchburg
x	Scott Kerr	City of Madison
x	Tim Troester	City of Madison
x	Sue Josheff	Dept. of Natural Resources
x	Tom Veith	City of Sun Prairie
x	Daryl Severson	City of Sun Prairie
x	Chris Homburg	Homburg, Inc.
x	Lyle Updike	Dane Co. Lakes and Watershed Commission
x	Jeremy Balousek	Dane County
x	Lennie Kanter	Dept. of Safety and Professional Services
x	Gary Danz	Veridian Homes

- **Board Member Reports**

**Homburg** - Commercial construction wrapped up with erosion controls in place. Selling lots and bidding projects for Spring construction.

**Veridian Homes** - 30% over total for 2013. 7-8 basements going in per week. Hiring tradesmen. Many contracts for first 4 months of 2015.

**Dane County Lakes and Watershed Comm.** - Budget is finished. Holding a retreat to plan.

**Sun Prairie** - Tying up for winter. Permits on pace with 2013. Anticipating a busy 2015 based on the bid openings and advertisements.

**Dane County** - 2014 workload only second to 2007. Hiring a storm water I & E staff person. Progress with the records modernization. NRCS announced the new NOAA Atlas #14 design storms. There was an update to the soil coverage showing more C and D soils.

**Madison** - The November cold was a surprise so there were some problems with the newly permitted projects. More discussion on the paved lots maintenance and storm water requirements.

**DSPS** - New revisions to the Unified Dwelling Code proposed for 2015. The Commercial plan reviews have come off overtime with the recent addition of the three hires.

DNR – Recent hire mean DNR is fully staffed in the Waterway and Wetland Program in our area.

- **Annual Report**

Sue will provide a draft annual report including annual report for 2014 Accomplishments and 2015 Goals based on the meeting comments for the January meeting.

- **Update on permeable pavement test plot**

Chris reported that there has been data from a few storms but no analysis. It appears to be working. There will be a webinar on permeable pavement in January that Chris will be one of the presenters.

- **Election**

Jeremy Balousek of Dane County and Sue Josheff of DNR were elected co-chairs.

- **Next meeting:** Thursday, January 29, 2015

Host: Homburg at Monona Bank

At: Monona State Bank, 6430 Bridge Road, Monona