



Sustainability Commission

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Agenda

Tuesday, December 10, 2019

5:30 PM

De Pere City Hall Council Chambers

Pursuant to Wisconsin Statutes 19.84, Notice is hereby given to the public that a meeting of the **Sustainability Commission** of the City of De Pere will be held on **December 10, 2019** at **5:30 PM** in the **De Pere City Hall Council Chambers, 335 S. Broadway Street, De Pere, WI 54115.**

This meeting can be viewed LIVE at www.depere.tv. This meeting is also rebroadcast on Spectrum Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at www.depere.tv.

I. Call to Order

1. Roll Call
2. Approval of Sustainability Commission September 10, 2019 Meeting Minutes

II. Public Portion

III. Action Items

1. Discuss Trex Plastic Bag Recycling Challenge
2. Update on Prohibiting Coal Tar-Based Sealants
3. Update on Baseline Assessment
4. Discuss City's Compost Facility
5. Discuss Storm Water Education
6. Discuss Educational Workshops

IV. Future Agenda Items

V. Adjournment

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk's office at 339-4050 by Noon, the previous day so that arrangements can be made.

***Items with an asterisk require City Council approval.**

Agenda Sent To:

Alderspersons
City Administrator
Mayor
Department Heads
TV, Newspapers & Radio Stations
Kress Family Library
De Pere Chamber of Commerce



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Sustainability Commission

FROM: Betty Sellenheim

SUBJECT: Approval of Sustainability Commission September 10, 2019 Meeting Minutes

ATTACHMENTS:

- 2019 0926 Draft Minutes 2044(PDF)



Sustainability Commission

Regular Meeting

335 South Broadway
De Pere, WI 54115
<http://www.de-pere.org>

Draft Minutes

Tuesday, September 10, 2019

5:30 PM

De Pere City Hall Council Chambers

I. Call to Order

The meeting was called to order at 5:30 PM by Alderperson Casey Nelson

Attendee Name	Title	Status	Arrived
Randall Lawton	Commissioner	Present	
Eric Rakers	City Engineer	Excused	
Casey Nelson	Alderperson	Present	
Renee Gasch	Commissioner	Present	
Rebecca McKean	Commissioner	Present	
Bill Niedzwiedz	Commissioner	Absent	
Larry Garrison	Commissioner	Excused	

Others Present:

Marty Kosobucki, Director of Parks, Recreation and Forestry

Betty Sellenheim, Public Works Administrative Assistant and Recording Secretary

2. Approval of Sustainability Commission June 11, 2019 Meeting Minutes

Commissioner McKean moved to approve the June 11, 2019 Sustainability Commission meeting minutes, seconded by Commissioner Gasch. Upon vote the motion passed with 3 aye and 1 abstaining.

RESULT:	ADOPTED [3 TO 0]
MOVER:	Rebecca McKean, Commissioner
SECONDER:	Renee Gasch, Commissioner
AYES:	Casey Nelson, Renee Gasch, Rebecca McKean
ABSTAIN:	Randall Lawton
ABSENT:	Bill Niedzwiedz
EXCUSED:	Eric Rakers, Larry Garrison

II. Public Portion

None

Alderperson Nelson welcomed Randall Lawton as a new member of the Commission and thanked the late Patricia Finder-Stone for her time and contribution to the Sustainability Commission and the City of De Pere.

Commissioner Renee Gasch proposed planting a memorial tree in memory of Patricia Finder-Stone.

III. Action Items

1. Discuss Plastic Bag Recycling Program

Alderperson Nelson recapped the discussion of this item at the June meeting. Nelson spoke about the Trex program that exchanges a certain amount of bags over a certain period of time for benches. Commissioner Gasch shared her research on plastic bag bans, plastic bag recycling, and her interview with Cody Sandahl, Energy & Material Recovery Manager at Festival Foods. Gasch outlined a few options for the City of De Pere to

participate in plastic bag recycling. Commissioner McKean asked if it would cost anything for the city to participate as a drop off location to haul to Festival. Gasch stated it would not cost anything to participate and Festival does not make any money off their collections.

Marty Kosobucki, Parks, Recreation & Forestry Director, questioned where the bags would need to be taken if the City participated with additional drop off locations. Gasch stated the Distribution Center in Green Bay would probably be best. Mr. Kosobucki asked if there were requirements regarding the state of the bags to be recycled. Gasch stated that like any other recycling, the items need to be clean. Commissioner Lawton shared his knowledge of Wisconsin Film & Bag in Shawano, Wisconsin. Gasch stated it would be good to have a map or list of local locations that accept plastic bags for recycling. Nelson asked if the city could still receive benches for their efforts if they were brought to Festival for recycling. Gasch stated that the city contribution would probably not be counted separately and would not receive benches. Gasch also stated that Trex sells benches made from the recycled bags that could be looked into for purchase of memorial benches through the city's program. Commissioner McKean mentioned an educational component would benefit residents including what types of plastics can be recycled and where. Mr. Kosobucki expressed interest in the benches for city parks and memorial benches. Gasch explained she only spoke with Festival Foods and researched Trex but felt more research was needed for the other options. Gasch also mentioned that Trex is located across the country and would require shipping. Gasch discussed creating a smaller working group to launch an initiative for plastic bag recycling in 2020. Mr. Kosobucki explained budget process and what would be needed depending on what the commission wanted to accomplish. Mr. Kosobucki explained the budget process starts in July and continues until mid-November and what options would require funding through a budget line item. Gasch believes the commission should work on a free initiative regarding plastic bag recycling for 2020 and work on getting funds for an initiative in 2021. Commissioners discussed using the City website and Facebook accounts to get the word out about plastic bag recycling. Nelson mentioned adding information to the water bill. Mr. Kosobucki stated that there was an additional cost for that option. Commissioners requested additional locations be added to the location list available on the city website.

IV. Future Agenda Items

Commissioner Gasch stated the need for compost-food waste locations.

Aldersperson Nelson would like to reinstate the revolving loan fund for sustainable initiatives in new businesses.

Commissioner Gasch requested assistance on a stormwater education campaign for 2020.

V. Adjournment

Motion to adjourn at 6:10 PM by Commissioner Lawton, seconded by Commissioner Gasch. Upon vote the motion passed 4-0.

Respectfully submitted,
Betty Sellenheim



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discuss Trex Plastic Bag Recycling Challenge

Commissioner Gasch has requested the commission discuss and evaluate implementing a Trex plastic bag recycling challenge program. See attached informational sheet. The intent of the discussion would be to determine if the commission wants to move forward with this. If so, staff would bring back to the commission for the March 2020 commission meeting for further consideration and possible recommendation to the City Council for approval.

ATTACHMENTS:

- trex-community-recycling-challenge-information-sheet 12-4-19(PDF)



plastic film recycling challenge info sheet

COMMUNITY
PROGRAM



1 How does the challenge work?

Determine a six-month collection time period.

Collect a minimum of 500 lbs. or 40,500 plastic film and bags.

Weigh and record amount of film recycled each month.

Deliver the collected plastic film to a participating retailer (see list) for recycling.

Report recycling totals to Stephanie Hicks, shicks@trex.com each month.

What can be recycled?

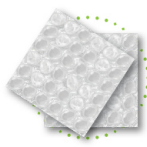
All plastic must be clean, dry and free of food residue.



Grocery bags



Bread
bags



Bubble
wrap



Dry cleaning
bags



Newspaper
sleeves



Ice
bags



Plastic shipping
envelopes



Ziploc & other reclosable
food storage bags



Cereal
bags



Case
overwrap



Salt
bags



Pallet wrap &
stretch film



Wood pellet
bags



Produce
bags

2 What does Trex provide?

- Two recycling bins
- Posters
- Award

3 Award

- If goal is met or exceeded, group will receive a Trex bench.

register on the website: trex.com/recycling



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Update on Prohibiting Coal Tar-Based Sealants

At the June commission meeting, it was recommended staff draft an ordinance for Council to approve prohibiting coal tar-based sealants. The intent of discussion is to get an update from staff regarding prohibiting the use of coal tar-based sealants.



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Update on Baseline Assessment

The City Council approved the resolution recommended by the Commission to participate in the Green Tier Legacy Community Program. One of the requirements of this program is to submit a Sustainability Strategies Scoresheet (See attached) which establishes the City's baseline assessment which we will use to track our accomplishments in the future. At this time, staff is currently working on completing the scoresheet but is waiting for some information from the DNR before the scoresheet can be completed. It is the intent to have this completed in the near future and provide this to the commission at the March 2020 meeting.

ATTACHMENTS:

- Sustainability Strategies Scoresheet 12-4-19 (PDF)

Scoresheet for Community

Max. Score	 GREEN TIER	Sustainability Strategies Scoresheet								
This Sustainability Strategies Scoresheet is provided for members to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible and will provide structure for annual reporting. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged. (Approved May 2018)										
TRANSPORTATION DEMAND MANAGEMENT: Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.				(Insert Community Name) Scores						
				2012	2013	2014	2015	2016	2017	2018
		<u>Bicycle and Pedestrian Programs/Projects</u>								
2		Require bike parking for all new non-residential and multifamily uses.		0	0	0	0	0	0	0
1		Set standards for placement and number (as function of intensity of use) for bike parking spaces.		0	0	0	0	0	0	0
3		Commuter bike routes identified and cleared.		0	0	0	0	0	0	0
10		League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)		0	0	0	0	0	0	0
3		Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.		0	0	0	0	0	0	0
1		Conduct annual survey of students' mode of transport to school.		0	0	0	0	0	0	0
		<u>Employer-Based Programs</u>								
5		Require large employers seeking rezoning to set a price signal (cash-out or charge).		0	0	0	0	0	0	0
5		Require large employers seeking rezoning to provide subsidized transit.		0	0	0	0	0	0	0
5		Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.		0	0	0	0	0	0	0
		<u>Traffic Volume</u>								
3		Track VMT or traffic counts and report on efforts at reduction (including those on this list).		0	0	0	0	0	0	0
3		Eliminate parking minimums from non-residential districts.		0	0	0	0	0	0	0
5		Set parking maximums at X per square feet for office and retail uses.		0	0	0	0	0	0	0
5		Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).		0	0	0	0	0	0	0
10		Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).		0	0	0	0	0	0	0
		TRANSPORTATION SYSTEM MANAGEMENT Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.								
		<u>Preservation and Improvement</u>								
3		Develop and fully fund comprehensive maintenance program for existing roads.		0	0	0	0	0	0	0
5		Charge impact fees for new roads.		0	0	0	0	0	0	0
5		Calculate lane-miles per capita for arterials and collectors, and show reductions		0	0	0	0	0	0	0
5		Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.		0	0	0	0	0	0	0
5		Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.		0	0	0	0	0	0	0

Max. Score	 Sustainability Strategies Scoresheet	     
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	000000
	Electric Vehicles	
10	Electric vehicles in gov't fleets - 2% of of fleet=5 points. 5% of fleet=10 points.	000000
2	Allow NEVs on appropriate roadways.	000000
2	Provide public charging stations	000000
	Vehicle Idling	
5	Ban idling (more than 5 minutes) with local government vehicles.	000000
5	Ban idling (more than 5 minutes) community-wide.	000000
	ZONING AND DEVELOPMENT Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.	
	Infill Development	
5	Identify priority areas for infill development, including those eligible for brownfields funding.	000000
10	Create land bank to acquire and assemble priority infill sites	000000
10	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	000000
	Walkscore	
5	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	000000
	Zoning	
5	Adopt traditional neighborhood design ordinance (If population is less than 12,500)	000000
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	000000
5	Zoning for office and retail districts requires floor-area ratio > 1, on average.	000000
5	Zoning code includes mixed use districts	000000
5	Mixed-use language from Smart Code TBA.	000000
	NATURAL RESOURCE MANAGEMENT Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.	
	Canopy	
3	Adopt tree preservation ordinance per GTLC standards	000000
3	Set a tree canopy goal and develop a management plan to achieve it	000000
4	Have a Master Naturalist; ISA Certified Arborist or WDNR Community Tree Management Institute (CTMI) graduate on staff	000000
2	Have community tree canopy mapped - https://pg-cloud.com/Wisconsin/	000000
2	Require trees to be planted in all new developments	000000
2	Certification as Tree City USA	000000

Max. Score	 Sustainability Strategies Scoresheet GREEN TIER	     
2	Certification as Bird City Wisconsin Community	0 0 0 0 0 0
	<u>Vegetation Management</u>	
10	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	0 0 0 0 0 0
10	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	0 0 0 0 0 0
	<u>Water Protection</u>	
6	Establish 75-foot natural vegetation zone by surface water.	0 0 0 0 0 0
6	Inventory wetlands and ensure no net annual loss.	0 0 0 0 0 0
	<u>Community Energy Use</u> Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community	
	<u>Community Energy Use Policies</u>	
10	Adopt PACE ordinance/jpa	0 0 0 0 0 0
10	Use PACE financing	0 0 0 0 0 0
5	Watt meters available to the public	0 0 0 0 0 0
5	Offer residents and businesses a mechanism to purchase shares of the electricity generated through a local renewable energy project. (Ex. a community solar program)	0 0 0 0 0 0
5	Facilitate a group-buy program through which residents receive discounted, volume-based pricing on energy efficiency or renewable energy projects based on aggregated demand.	0 0 0 0 0 0
3	Commit to achieving a science-based, community-wide GHG reduction goal.	0 0 0 0 0 0
3	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0 0 0 0 0 0
	<u>Measuring Community Energy Use</u>	
6	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	0 0 0 0 0 0
5	Achieve milestone reductions in GHG emissions, as specified in the community's science-based GHG reduction goals.	0 0 0 0 0 0
5	State of Wisconsin Energy Independent (EI) Community designation.	0 0 0 0 0 0
	<u>MUNICIPAL ENERGY USE</u> Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.	
	<u>Government Energy Use Policies</u>	
5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0 0 0 0 0 0
2	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	0 0 0 0 0 0
10	Reduce motor fuels use for non-transit activities --	0 0 0 0 0 0
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet	     
6	Streetlights operate at 75 lumens/Watt or higher	0 0 0 0 0 0
4	Stoplights are LED or functional equivalent	0 0 0 0 0 0
2	Establish a policy requiring that all major remodeling projects on municipal buildings result in the building receiving an ENERGY STAR score that is five points higher than the building's pre-remodel score.	0 0 0 0 0 0
6	Commit to achieving a science-based GHG reduction goal for emissions resulting from all municipal operations.	0 0 0 0 0 0
3	Incorporate energy use intensity (EUI) targets into the contracting process for all significant municipal construction projects.	0 0 0 0 0 0
5	Establish policies requiring that all new municipal buildings achieve an ENERGY STAR score of 75 or higher.	0 0 0 0 0 0
2	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0 0 0 0 0 0
Measuring Government Energy Use		
2	Work with Energy Task Force OEI to track municipal facilities - Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0 0 0 0 0 0
3	Achieve milestone reductions in GHG emissions, as specified in the municipality's science-based GHG reduction goal.	0 0 0 0 0 0
4	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	0 0 0 0 0 0
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0 0 0 0 0 0
WATER USE CONSERVATION		
Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.		
Water Conservation		
5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	0 0 0 0 0 0
1	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	0 0 0 0 0 0
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	0 0 0 0 0 0
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	0 0 0 0 0 0
3	Infiltration and inflow reduction by 10%	0 0 0 0 0 0
3	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	0 0 0 0 0 0
Local Government Use		
2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0 0 0 0 0 0
2	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0 0 0 0 0 0
2	Develop a water efficiency and conservation plan for municipal buildings	0 0 0 0 0 0
WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT		

Max. Score	 Sustainability Strategies Scoresheet	     
	Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.	
5	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	0 0 0 0 0 0
5	Wastewater biogas captured and used in operations.	0 0 0 0 0 0
6	Conduct an energy assessment for municipal water and wastewater facilities and develop a plan to increase energy efficiency	0 0 0 0 0 0
3	Financial assistance for sewer lateral replacements.	0 0 0 0 0 0
4	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	0 0 0 0 0 0
4	Explore partnership options with high-strength waste.	0 0 0 0 0 0
4	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	0 0 0 0 0 0
	<u>STORMWATER MANAGEMENT</u> Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.	
3	Develop a regular street sweeping program to reduce total suspended solids	0 0 0 0 0 0
4	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	0 0 0 0 0 0
3	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	0 0 0 0 0 0
5	Work with commercial or light industrial businesses to develop stormwater pollution plans	0 0 0 0 0 0
	<u>WATER AND DEVELOPMENT</u> Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.	
	<u>Land Development</u>	
3	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	0 0 0 0 0 0
	<u>Waters, Wetlands, and Wildlife</u>	
3	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	0 0 0 0 0 0
4	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	0 0 0 0 0 0
4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	0 0 0 0 0 0
	<u>WASTE MANAGEMENT AND REDUCTION</u> Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.	
8	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	0 0 0 0 0 0
8	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	0 0 0 0 0 0
3	Construction/deconstruction waste recycling ordinance	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet GREEN TIER	     
5	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	0 0 0 0 0 0
5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	0 0 0 0 0 0
6	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	0 0 0 0 0 0
7	Use anaerobic digesters to process organic waste and produce energy	0 0 0 0 0 0
5	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0 0 0 0 0 0
4	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other	0 0 0 0 0 0
4	Pay-as-you-throw system implemented by municipality or required of private waste haulers	0 0 0 0 0 0
3	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	0 0 0 0 0 0
HEALTHY COMMUNITY PLANNING Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.		
<u>Policies Affecting Multiple Program Areas</u>		
7	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	0 0 0 0 0 0
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	0 0 0 0 0 0
<u>Planning</u>		
7	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	0 0 0 0 0 0
6	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	0 0 0 0 0 0
8	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	0 0 0 0 0 0
<u>Healthy Food Access</u>		
7	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	0 0 0 0 0 0
6	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	0 0 0 0 0 0
<u>Physical Activity and Access</u>		
5	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet	     
4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.	000000
4	Provide education and establish programming to encourage physical activity, especially by youth.	000000
7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	000000
5	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	000000
2	Implement a Complete Streets policy.	000000
5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	000000
5	Establish a pedestrian safety task force.	000000
Housing		
6	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).	000000
5	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc..	000000
8	Establish a program to make housing more affordable.	000000
5	Establish a program to address chronic homelessness, such as "permanent housing".	000000
Crime Prevention and Other Harm Reduction		
4	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.	000000
5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	000000
5	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	000000
6	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	000000
Climate Change		
5	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.	000000
Noise		
5	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	000000
Employee Health		
5	Implement a wellness program for employees of the local jurisdiction.	000000
5	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	000000
Placemaking		

Max. Score	 Sustainability Strategies Scoresheet	     
5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.	0 0 0 0 0 0
5	Adopt form-based codes or similar type design guidelines for healthy active living environments.	0 0 0 0 0 0
	Waste Pharmaceuticals	
6	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.	0 0 0 0 0 0
653	: TOTAL POSSIBLE	TOTAL SCORED: 0 0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet							
		This Sustainability Strategies Scoresheet is provided for members to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible and will provide structure for annual reporting. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged. (Approved May 2018)						
TRANSPORTATION DEMAND MANAGEMENT: Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.		(Insert County Name) Scores						
		2012	2013	2014	2015	2016	2017	2018
<u>Bicycle and Pedestrian Programs/Projects</u>								
2	Require bike parking for all new non-residential and multifamily uses.	0	0	0	0	0	0	
1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.	0	0	0	0	0	0	
3	Commuter bike routes identified and cleared.	0	0	0	0	0	0	
10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)	0	0	0	0	0	0	
3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.	0	0	0	0	0	0	
1	Conduct annual survey of students' mode of transport to school.	0	0	0	0	0	0	
<u>Employer-Based Programs</u>								
5	Require large employers seeking rezoning to set a price signal (cash-out or charge).	0	0	0	0	0	0	
5	Require large employers seeking rezoning to provide subsidized transit.	0	0	0	0	0	0	
5	Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.	0	0	0	0	0	0	
<u>Traffic Volume</u>								
3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).	0	0	0	0	0	0	
3	Eliminate parking minimums from non-residential districts.	0	0	0	0	0	0	
5	Set parking maximums at X per square feet for office and retail uses.	0	0	0	0	0	0	
5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).	0	0	0	0	0	0	
10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).	0	0	0	0	0	0	
TRANSPORTATION SYSTEM MANAGEMENT Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.								
<u>Preservation and Improvement</u>								
3	Develop and fully fund comprehensive maintenance program for existing roads.	0	0	0	0	0	0	
5	Charge impact fees for new roads.	0	0	0	0	0	0	
5	Calculate lane-miles per capita for arterials and collectors, and show reductions	0	0	0	0	0	0	
5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	0	0	0	0	0	0	
5	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	0	0	0	0	0	0	

Max. Score	 Sustainability Strategies Scoresheet	     
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	0 0 0 0 0 0
	Electric Vehicles	
10	Electric vehicles in gov't fleets - 2% of of fleet=5 points. 5% of fleet=10 points.	0 0 0 0 0 0
2	Allow NEVs on appropriate roadways.	0 0 0 0 0 0
2	Provide public charging stations	0 0 0 0 0 0
	Vehicle Idling	
5	Ban idling (more than 5 minutes) with local government vehicles.	0 0 0 0 0 0
5	Ban idling (more than 5 minutes) community-wide.	0 0 0 0 0 0
	ZONING AND DEVELOPMENT Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.	
	Infill Development	
5	Identify priority areas for infill development, including those eligible for brownfields funding.	0 0 0 0 0 0
10	Create land bank to acquire and assemble priority infill sites	0 0 0 0 0 0
10	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	0 0 0 0 0 0
	Walkscore	
5	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0 0 0 0 0 0
	Zoning	
5	Adopt traditional neighborhood design ordinance (If population is less than 12,500)	0 0 0 0 0 0
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	0 0 0 0 0 0
5	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0 0 0 0 0 0
5	Zoning code includes mixed use districts	0 0 0 0 0 0
5	Mixed-use language from Smart Code TBA.	0 0 0 0 0 0
	NATURAL RESOURCE MANAGEMENT Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.	
	Canopy	
3	Adopt tree preservation ordinance	0 0 0 0 0 0
3	Set a tree canopy goal and develop a management plan to achieve it	0 0 0 0 0 0
2	Require trees to be planted in all new developments	0 0 0 0 0 0
	Vegetation Management	
10	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet	     
10	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	0 0 0 0 0 0
	<u>Water Protection</u>	
6	Establish 75-foot natural vegetation zone by surface water.	0 0 0 0 0 0
6	Inventory wetlands and ensure no net annual loss.	0 0 0 0 0 0
	<u>Community Energy Use</u> Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community	
	<u>Community Energy Use Policies</u>	
10	Adopt PACE ordinance/jpa	0 0 0 0 0 0
10	Use PACE financing	0 0 0 0 0 0
5	Watt meters available to the public	0 0 0 0 0 0
5	Offer residents and businesses a mechanism to purchase shares of the electricity generated through a local renewable energy project. (Ex. a community solar program)	0 0 0 0 0 0
5	Facilitate a group-buy program through which residents receive discounted, volume-based pricing on energy efficiency or renewable energy projects based on aggregated demand.	0 0 0 0 0 0
3	Commit to achieving a science-based, community-wide GHG reduction goal.	0 0 0 0 0 0
3	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0 0 0 0 0 0
	<u>Measuring Community Energy Use</u>	
6	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	0 0 0 0 0 0
5	Achieve milestone reductions in GHG emissions, as specified in the community's science-based GHG reduction goals.	0 0 0 0 0 0
5	State of Wisconsin Energy Independent (EI) Community designation.	0 0 0 0 0 0
	<u>MUNICIPAL ENERGY USE</u> Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.	
	<u>Government Energy Use Policies</u>	
5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0 0 0 0 0 0
2	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	0 0 0 0 0 0
10	Reduce motor fuels use for non-transit activities --	0 0 0 0 0 0
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0 0 0 0 0 0
6	Streetlights operate at 75 lumens/Watt or higher	0 0 0 0 0 0
4	Stoplights are LED or functional equivalent	0 0 0 0 0 0
2	Establish a policy requiring that all major remodeling projects on municipal buildings result in the building receiving an ENERGY STAR score that is five points higher than the building's pre-remodel score.	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet	     
6	Commit to achieving a science-based GHG reduction goal for emissions resulting from all municipal operations.	0 0 0 0 0 0
3	Incorporate energy use intensity (EUI) targets into the contracting process for all significant municipal construction projects.	0 0 0 0 0 0
5	Establish policies requiring that all new municipal buildings achieve an ENERGY STAR score of 75 or higher.	0 0 0 0 0 0
2	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0 0 0 0 0 0
Measuring Government Energy Use		
2	Work with Energy Task Force OBI to track municipal facilities - Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0 0 0 0 0 0
3	Achieve milestone reductions in GHG emissions, as specified in the municipality's science-based GHG reduction goal.	0 0 0 0 0 0
4	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	0 0 0 0 0 0
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0 0 0 0 0 0
WATER USE CONSERVATION Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.		
Water Conservation		
5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	0 0 0 0 0 0
1	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	0 0 0 0 0 0
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	0 0 0 0 0 0
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	0 0 0 0 0 0
3	Infiltration and inflow reduction by 10%	0 0 0 0 0 0
3	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	0 0 0 0 0 0
Local Government Use		
2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0 0 0 0 0 0
2	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0 0 0 0 0 0
2	Develop a water efficiency and conservation plan for municipal buildings	0 0 0 0 0 0
WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.		
5	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	0 0 0 0 0 0
5	Wastewater biogas captured and used in operations.	0 0 0 0 0 0
6	Conduct an energy assessment for municipal water and wastewater facilities and develop a plan to increase energy efficiency	0 0 0 0 0 0
3	Financial assistance for sewer lateral replacements.	0 0 0 0 0 0

Max. Score	 Sustainability Strategies Scoresheet	     
4	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	000000
4	Explore partnership options with high-strength waste.	000000
4	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	000000
STORMWATER MANAGEMENT		
Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.		
3	Develop a regular street sweeping program to reduce total suspended solids	000000
4	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	000000
3	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	000000
5	Work with commercial or light industrial businesses to develop stormwater pollution plans	000000
WATER AND DEVELOPMENT		
Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.		
Land Development		
3	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	000000
Waters, Wetlands, and Wildlife		
3	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	000000
4	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	000000
4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	000000
WASTE MANAGEMENT AND REDUCTION		
Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.		
8	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	000000
8	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	000000
3	Construction/deconstruction waste recycling ordinance	000000
5	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	000000
5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	000000
6	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	000000
7	Use anaerobic digesters to process organic waste and produce energy	000000
5	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	000000

Max. Score	 Sustainability Strategies Scoresheet	     
4	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other	000000
4	Pay-as-you-throw system implemented by municipality or required of private waste haulers	000000
3	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	000000
HEALTHY COMMUNITY PLANNING Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.		
<u>Policies Affecting Multiple Program Areas</u>		
7	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	000000
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	000000
<u>Planning</u>		
7	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	000000
6	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	000000
8	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	000000
<u>Healthy Food Access</u>		
7	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	000000
6	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	000000
<u>Physical Activity and Access</u>		
5	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.	000000
4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.	000000
4	Provide education and establish programming to encourage physical activity, especially by youth.	000000
7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	000000
5	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	000000

Max. Score	 Sustainability Strategies Scoresheet	     
2	Implement a Complete Streets policy.	0 0 0 0 0 0
5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	0 0 0 0 0 0
5	Establish a pedestrian safety task force.	0 0 0 0 0 0
<u>Housing</u>		
6	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).	0 0 0 0 0 0
5	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc.	0 0 0 0 0 0
8	Establish a program to make housing more affordable.	0 0 0 0 0 0
5	Establish a program to address chronic homelessness, such as "permanent housing".	0 0 0 0 0 0
<u>Crime Prevention and Other Harm Reduction</u>		
4	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.	0 0 0 0 0 0
5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	0 0 0 0 0 0
5	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	0 0 0 0 0 0
6	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	0 0 0 0 0 0
<u>Climate Change</u>		
5	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.	0 0 0 0 0 0
<u>Noise</u>		
5	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	0 0 0 0 0 0
<u>Employee Health</u>		
5	Implement a wellness program for employees of the local jurisdiction.	0 0 0 0 0 0
5	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	0 0 0 0 0 0
<u>Placemaking</u>		
5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.	0 0 0 0 0 0
5	Adopt form-based codes or similar type design guidelines for healthy active living environments.	0 0 0 0 0 0
<u>Waste Pharmaceuticals</u>		
6	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.	0 0 0 0 0 0

Max. Score	 GREEN TIER	Sustainability Strategies Scoresheet	
643	: TOTAL POSSIBLE		TOTAL SCORED: 0 0 0 0 0 0 0



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discuss City's Compost Facility

It was requested at the last commission meeting to discuss the compost facility at a future meeting.

The City currently has a compost facility off of Rockland Road (See attached). This facility primarily accepts yard waste and brush from residents of the City as well as the Town of Ledgeview. The Town of Ledgeview shares in the operational costs of this facility.

The compost facility operations are permitted through the Wisconsin Department of Natural Resources (WDNR) which allows for the collection of brush and yard waste. The City has a contractor to grind the brush once the brush piles are large enough to bring in a contractor. The grindings are provided to the residents. Yard waste is hauled off as piles accumulate. The City does not make compost from the yard waste because the WDNR requirements are too costly.

The City does not accept food waste at this facility because it is not permitted to do so.

In the near future, this facility will be relocated to another site as this area develops. It is the intent of the City to collaborate with our neighboring communities in the future when the compost facility is relocated so there are more regional compost facilities.

ATTACHMENTS:

- Compost Facility (PDF)

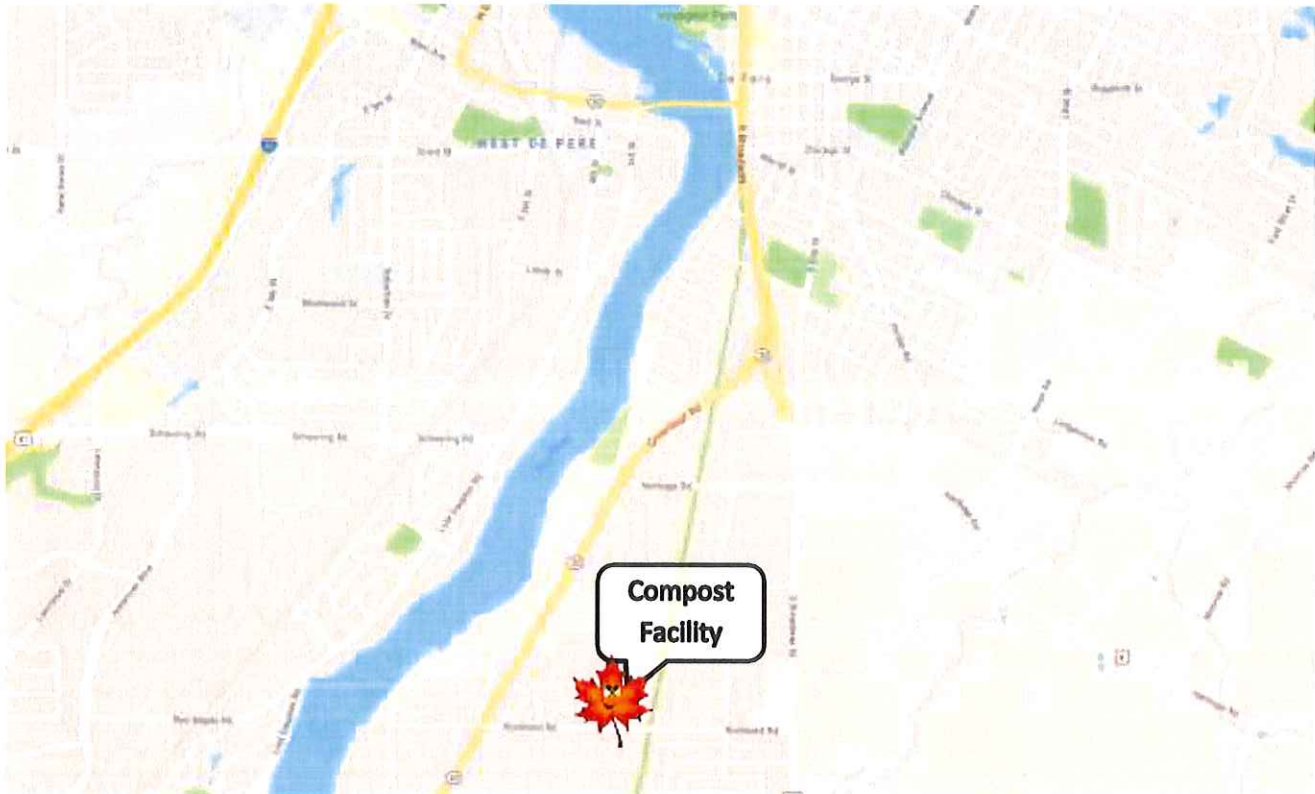


Compost Facility

Residents may bring their loose leaves, grass clippings, garden waste, and brush to the City's Compost Facility. Residents are also able to pick up wood chips, mulch, and logs at no charge when available.

LOCATION

**655 Rockland Rd
De Pere, WI 54115**



The City of De Pere Compost Facility is open to City of De Pere and Town of Ledgeview residents only.
CONTRACTOR USE PROHIBITED

ACCEPTABLE ITEMS	UNACCEPTABLE ITEMS
LEAVES	ROCKS, STONES, CONCRETE
GRASS CLIPPINGS	TRASH
GARDEN DEBRIS	CONTAINERS/BAGS
BRUSH, BRANCHES, TREE & SHRUB TRIMMINGS	CONTRACTOR GENERATED DEBRIS
SOD	LANDSCAPE TIMBERS
ROOT BALLS	LUMBER

TIMES OF OPERATION

The City of De Pere Compost Facility is open to residents 7 days a week from dawn until dusk.

This site is under surveillance. Please report illegal activity at 920-339-4060.

We appreciate your help and cooperation.



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discuss Storm Water Education

It was requested at the last commission meeting to discuss the storm water education at a future meeting.

The City currently is required to file an annual report with the Wisconsin Department of Natural Resources (WDNR) for storm water discharge. (See attached 2018 report). As part of this report, public education is required. The City utilizes the resources of Northeast Stormwater Consortium (NEWSC) for educational information. I have attached some examples of storm water education from NEWSC for rain barrels, snow & ice, and leaf education. NEWSC's website has additional information for the public at: <http://www.newsc.org/resources/>

ATTACHMENTS:

- 2018 Annual Storm Water Report (PDF)
- Rain-Barrel Education (PDF)
- Snow & Ice Education (PDF)
- Leaf Education (PDF)

City of De Pere

Public Works Department

Memo

To: Honorable Mayor Walsh
Members of the Board of Public Works

From: Eric Rakers, P.E., City Engineer

Date: March 11, 2019

Subject: Consider Draft 2018 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit*

The City has been issued a Wisconsin Pollutant Discharge Elimination System Number WE-S050075-02 permit to discharge storm water from the Wisconsin Department of Natural Resources (WDNR). The City is required to complete an annual report as part of the permit. There are five different components to the permit that the City is responsible to complete each year. These items include:

- Public Education and Outreach
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Pollutant Control
- Post-Construction Storm Water Management
- Pollution Prevention

The Engineering Department has completed the Annual Report under MS4 General Permit for the 2018 calendar year and it is attached for your review. The Report identifies activities that the City has completed in 2018 to meet our MS4 General Permit for storm water discharge. Highlights from the 2018 Report include:

- Membership in the Northeast Stormwater Consortium (NEWSC) which helps the City meet the requirements for Public Outreach and Education and Public Involvement and Participation.
- Constructed a new pond on North Lawrence Drive.
- Cleaned and televised 47,000 linear feet of storm sewer.
- Fall leaf collection.
- Spring and fall brush collection.
- Street sweeping.
- Inspected all storm water management ponds in the City.
- Completed the City's long term plan to meet the total maximum daily load (TMDL) allocations to the Lower Fox River, Ashwaubenon Creek, and East River watersheds.

Staff recommends the Board of Public Works approve the draft Report for submittal to the WDNR.

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 1 of 11

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Note: Compliance items must be submitted separately from this report to the Department.

Part I Municipal Contact Information				
This form covers the activities during calendar year 2018				
Name of Municipality City of De Pere		Facility ID No. (FIN) 31088	☐ Check to update mailing address information	
Mailing Address		City	State	ZIP Code
Primary Municipal Contact Person (Authorized Representative for MS4 Permit) ☐ Check to update contact information				
Name Eric Rakers		Title City Engineer		
Mailing Address 925 South Sixth Street		City De Pere	State WI	ZIP Code 54311
Phone Number (include area code) (920) 339-4060		Email erakers@mail.de-pere.org		
[+] Additional Contact Information (optional)				
Individual with responsibility for (check all that apply):				
☐ I&E Program	☐ IDDE Program	☐ IDDE Response Procedure	☐ Municipal-wide Water Quality	
☐ Ordinances	☐ Pollution Prevention Program	☐ Post-Construction Program	☐ Winter Roadway Maintenance	
First & Last Name		Title		
Mailing Address		City	State	ZIP Code
Phone Number (include area code)		Email		
1. Does the municipality rely on another entity to satisfy any of the permit requirements? ☒ Yes ☐ No				
☒ Public Education and Outreach - Northeast Storm Water Consortium				
☒ Public Involvement and Participation - Northeast Storm Water Consortium				
☐ Illicit Discharge Detection and Elimination -				
☐ Construction Site Pollutant Control -				
☐ Post-Construction Storm Water Management -				
☐ Pollution Prevention				
2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)? ☐ Yes ☒ No ☐ Unsure				

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 2 of 11

Part II. Storm Water Program Evaluation – Minimum Control Measures

1. Public Education and Outreach

a. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the [+] to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events).

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Detection and elimination of illicit discharges Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Management of materials that may cause storm water pollution from automobiles, pet waste, household hazardous waste and household practices Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☒ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:	Social media posts	1-9		☐ Yes ☐ No
	Active distribution of print media (mailings, newsletters, etc.)	1-9		☐ Yes ☐ No
	Passive print media (brochures at front desk, posters, etc.)	1-9		☐ Yes ☐ No
Beneficial onsite reuse of leaves and grass clippings/proper use of lawn and garden fertilizers and pesticides Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☒ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:	Social media posts	1-9		☐ Yes ☒ No
Management of streambanks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 3 of 11

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Inform and where appropriate educate those responsible for the design, installation, and maintenance of construction site erosion control practices and storm water management facilities on how to design, install and maintain the practices Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Identify businesses and activities that may pose a storm water contamination concern, and where appropriate, educate specific audiences on methods of storm water pollution prevention Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development Select all applicable audiences targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Other				☐ Yes ☐ No

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 4 of 11

- b. Brief Public Education and Outreach program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.

2. Public Involvement and Participation

- a. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs and its requirements.

Elected officials

Staff presented the Annual Report to the Board of Public Works on March 12th, 2018.

Staff presented a report regarding two storm water management ponds in the City requiring upgrades to the Board of Public Works on August 13, 2018.

Other municipal officials

Appropriate staff (such as operators, Department heads, and those that interact with the public)

The City formed an MS4 Team in 2018 consisting of representatives from Engineering, Parks, Inspection, and the Street Department. A meeting was held on September 28, 2018.

City and Assistant City Engineering attended Fox-Wolf Conference.

- b. Complete the following information on Public Education and Outreach Activities related to storm water. Select the Mechanism that best describes how the topic message was conveyed to your population. Use the [+] to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events).

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
Storm Water Management Plan and/or updates Select all applicable participants targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
Storm water related ordinance and/or updates Select all applicable participants targeted for this topic. ☐ Agricultural ☐ Businesses ☐ Contractors ☐ Developers ☐ General Public ☐ Industries ☐ Public Employees ☐ Residential ☐ Restaurants ☐ School Groups ☐ Other:				☐ Yes ☐ No
MS4 Annual Report Select all applicable participants targeted for this topic.	Website			☐ Yes ☐ No

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 5 of 11

Topics	Mechanism	Quantity (optional)	Estimated People Reached (optional)	Regional Effort?
☐ Agricultural ☐ Contractors ☒ General Public ☐ Public Employees ☐ Residential ☐ School Groups ☐ Other:	☐ Businesses ☐ Developers ☐ Industries ☐ Restaurants			
Volunteer Opportunities Select all applicable participants targeted for this topic.				☐ Yes ☐ No
☐ Agricultural ☐ Contractors ☐ General Public ☐ Public Employees ☐ Residential ☐ School Groups ☐ Other:	☐ Businesses ☐ Developers ☐ Industries ☐ Restaurants			
Other				☐ Yes ☐ No

- c. Brief Public Involvement and Participation program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page. Attached is the NEWSC SWMP Report. The City is an active member in NEWSC with the City Engineering serving as the Vice Chair.

3. Illicit Discharge Detection and Elimination

a. How many total outfalls does the municipality have?	108	☐ Unsure
b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?	0	☐ Unsure
c. From the municipality's routine screening, how many were confirmed illicit discharges?	0	☐ Unsure
d. How many illicit discharge complaints did the municipality receive?	1	☐ Unsure
e. From the complaints received, how many were confirmed illicit discharges?	0	☐ Unsure
f. How many of the identified illicit discharges did the municipality eliminate in the reporting year?		☐ Unsure
g. How many of the following enforcement mechanisms did the municipality use to enforce its illicit discharge ordinance? Check all that apply and enter the number of each used in the reporting year.		
☒ Verbal Warning	1	
☒ Written Warning (including email)	8	

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate
Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 6 of 11

- ☐ Notice of Violation _____
- ☐ Civil Penalty/Citation _____
- ☒ No Enforcement Action Taken _____

Additional information: _____

- h. Brief Illicit Discharge Detection and Elimination program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.
The Illicit Discharge and Detection and Elimination Manual is available on the City website. Staff did not perform IDDE inspections of outfalls in 2018. Staff did inspect swales and ponds for grass clippings and sent out several notices.

4. Construction Site Pollutant Control

- a. How many total construction sites were active at any point in the reporting year? _____ ☐ Unsure
- b. How many construction sites did the municipality issue permits for in the reporting year? _____ ☐ Unsure
- c. Do the above numbers include sites <1 acre? ☐ Yes ☐ No ☐ Unsure

- d. How many erosion control inspections did the municipality complete in the reporting year? 2,573 ☐ Unsure

- e. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

- ☒ Verbal Warning _____
- ☒ Written Warning (including email) _____
- ☒ Notice of Violation _____
- ☒ Stop Work Order _____
- ☒ Civil Penalty/Citation _____
- ☐ Forfeiture of Deposit _____
- ☐ No Authority _____
- ☐ Other – Describe _____ # _____

Additional information: _____

- f. Brief Construction Site Pollutant Control program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.
Information included in supplemental information.

5. Post-Construction Storm Water Management

- a. How many new construction sites with new structural storm water management practices have received local approvals? 1 ☐ Unsure
- b. How many privately owned storm water facility inspections were completed in the reporting year? 55 ☐ Unsure

- c. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

- ☒ Verbal Warning _____
- ☒ Written Warning (including email) _____
- ☐ Notice of Violation _____

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 7 of 11

- ☐ Civil Penalty/Citation _____
☐ Forfeiture of Deposit _____
☐ Complete Maintenance _____
☒ Bill Responsible Party _____
☐ No Authority _____ # _____
☐ Other – Describe _____

Additional information: Inspections were completed at the end of 2018. Notices of work will be sent in 2019.

- d. Brief Post-Construction Storm Water Management program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.
The majority of private site developments discharge to regional ponds.

6. Pollution Prevention

Storm Water Management Facility Inspections ☐ Not Applicable

- a. Enter the total number of municipally owned or operated structural storm water facilities. 84 ☐ Unsure
- b. How many new municipally owned storm water facilities were installed in the reporting year? 1 ☐ Unsure
- c. How many municipally owned storm water devices were inspected in the reporting year? 84 ☐ Unsure
- d. What elements are looked at during inspections? See attached inspection checklist
- e. How many of these facilities required maintenance? 19 ☐ Unsure

Public Works Yards & Other Municipally Owned Properties (SWPPP Plan Review) ☐ Not Applicable

- f. How many inspections of municipal properties been conducted in the reporting year? 9 ☐ Unsure
- g. Have amendments to the SWPPPs been made? ☐ Yes ☒ No ☐ Unsure
- h. If yes, describe what changes have been made: _____

Collection Services (street sweeping, catch basin sumps, leaf collection) ☐ Not Applicable

Street Sweeping/Cleaning Program

- i. Did the municipality conduct street sweeping/cleaning during the reporting year? ☒ Yes ☐ No ☐ Unsure
- j. If known, how many tons of material were collected? _____ ☐ Unsure
- k. Does the municipality have a low hazard exemption for this material? ☐ Yes ☒ No
- l. If street cleaning is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?
- ☒ Yes
- ☐ No- Explain _____
- ☐ Not Applicable

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 8 of 11

Catch Basin Sump Cleaning Program ☐ Not Applicable

m. Did the municipality conduct catch basin sump cleaning during the reporting year? ☒ Yes ☐ No ☐ Unsure

n. How many catch basin sumps were cleaned in the reporting year? _____ ☒ Unsure

o. If known, how many tons of material were collected? _____ ☐ Unsure

p. Does the municipality have a low hazard exemption for this material? ☐ Yes ☒ No

q. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?

☒ Yes

☐ No-Explain _____

☐ Not Applicable

☐ Unsure

Leaf Collection Program ☐ Not Applicable

r. Does the municipality conduct curbside leaf collection? ☒ Yes ☐ No ☐ Unsure

s. Does the municipality notify homeowners about pickup? ☒ Yes ☐ No ☐ Unsure

t. Where are the residents directed to store the leaves for collection?

☒ Pile on terrace ☐ Pile in street ☐ Bags on terrace ☐ Unsure

☐ Other - Describe _____

u. What is the frequency of collection? Approximately once a week in the fall.

v. Is collection followed by street sweeping/cleaning? ☒ Yes ☐ No ☐ Unsure

Winter Road Management ☐ Not Applicable

*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

w. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? 106 ☐ Unsure

x. Provide amount of de-icing products used by month last winter season. Select the product used below and enter the quantity used each month.

Solids (tons)

Product	Oct	Nov	Dec	Jan	Feb	Mar
Salt	0	3	273	164	232	104

Liquids (gallons)

Product	Oct	Nov	Dec	Jan	Feb	Mar
Brine	0	2,000	16,475	4,580	7,910	735

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 9 of 11

y. Was salt applying machinery calibrated in the reporting year? ☐ Yes ☒ No ☐ Unsure

z. Have municipal personnel attended salt reduction strategy training in the reporting year? ☐ Yes ☒ No ☐ Unsure

If yes, describe what training was provided: _____

When: _____

How many attended: _____

Internal (Staff) Education & Communication

aa. Have training or education on SWPPPs for municipal facilities been held for municipal or other personnel? ☐ Yes ☒ No ☐ Unsure

If yes, describe what training was provided: _____

When: _____

How many attended: _____

ab. Brief Pollution Prevention program information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.
The City continues to use salt brine and road salt. Salt brine is placed prior to snow and ice events. Equipment was calibrated in 2016 for maximum placement of 200 pounds per lane mile. Staff monitors road temperature to manage salt use.

7. Storm Sewer System Map

a. Did the municipality update their storm sewer map this year? ☒ Yes ☐ No ☐ Unsure
If yes, check the areas the map items that got updated or changed:

☒ Storm water treatment facilities

☒ Storm pipes

☐ Vegetated swales

☐ Outfalls

☐ Other _____

b. Brief Storm Sewer Map information for inclusion in the Annual Report. If your response exceeds 200 characters, attach supplemental information on the attachments page.
A map and summary sheet is attached with the 2018 updates.

Part III. Final Evaluation

1. **Fiscal Analysis** Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

Program Element	Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
Public Education and Outreach	\$18,827.00	\$18,655.00	\$19,555.00	Storm water utility
Public Involvement and Participation	\$18,827.00	\$18,655.00	\$19,555.00	Storm water utility
Illicit Discharge Detection and Elimination	\$10,185.00	\$10,057.00	\$10,728.00	Storm water utility

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 10 of 11

Program Element	Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
Construction Site Pollutant Control	\$62,356.00	\$96,110.00	\$64,705.00	Storm water utility
Post-Construction Storm Water Management	\$110,575.00	\$110,215.00	\$104,643.85	Storm water utility
Pollution Prevention	\$1,107,281.00	\$1,411,992.00	\$2,156,951.00	Storm water utility TID
Storm Water Quality Management	\$105,038.00	\$79,694.00	\$75,584.00	Storm water utility
Storm Sewer System Map	\$15,483.00	\$15,355.00	\$15,288.00	Storm water utility
Other:				Select Fund Sources

Please provide a justification for any zeros ("0") entered in the Fiscal Analysis.

2. Water Quality

- a. Were there any known water quality improvements in the receiving waters to which the municipality's storm sewer system directly discharges to? ☐ Yes ☐ No ☒ Unsure

If so, explain:

- b. Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to? ☐ Yes ☐ No ☒ Unsure

If so, explain:

- c. Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year? ☐ Yes ☒ No ☐ Unsure

- d. Has the municipality evaluated their storm water practices to reduce the pollutants of concern? ☒ Yes ☐ No ☐ Unsure

3. **Additional Information** Based on the municipality's storm water program evaluation in Part II, describe any proposed changes to the municipality's storm water program. If your response exceeds 200 characters, attach supplemental information on the attachments page.
The City will be updating the SWPP for the MSC in 2019.

City of De Pere

Annual Report Under Municipal Separate Storm Sewer System (MS4) Permit

Form 3400-224 (R 10/18)

Page 11 of 11

Part IV. Request for Assistance on Understanding Permit Programs (optional)

Would municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs? Please select from the options below.

- | | |
|--|--|
| ☐ Public Education and Outreach | ☐ Public Involvement |
| ☐ Illicit Discharge Detection and Elimination | ☐ Construction Site Pollutant Control |
| ☐ Post-Construction Storm Water Management | ☐ Pollution Prevention |
| ☐ Storm Water Quality Management | ☐ Water Quality Concerns |
| ☐ Storm Sewer System Map | ☐ Compliance Schedule Items Due |
| | ☐ MS4 Program Evaluation |

Certification

I hereby certify that I am an authorized representative of the municipality covered under City of De Pere's MS4 Permit for which this annual report is being submitted and that the information contained in this document and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality's governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Printed Name

Eric Rakers

Email

erakers@mail.de-pere.org

Authorized Representative Printed Title

City Engineer

Phone Number

Signature of Authorized Representative

Date Signed (mm/dd/yyyy)

Attachment: 2018 Annual Storm Water Report (9005 : Discuss Storm Water Education)



Memorandum

City of De Pere MS4 Annual Permit - Supplemental Information

Below is a summary of activities completed for the various requirements of the MS4 permit.

Public Education and Outreach

- Included the article "*Ice and Snow Control*" from NEWSC in the City's winter newsletter.
- Posted the article "*Leave your Leaves*" from NEWSC on the City website in October.
- Posted the article "*Ice and Snow Control*" from NEWSC on the City website in October.
- Placed posters at Legion Park and Kelly Danen Park
- Staff actively participates in NEWSC with the City Engineer serving as the Vice Chair.

Public Involvement and Participation

- Presented MS4 Permit Annual Report to the Board of Public Works and Council in March.
- Presented discussion regarding pond maintenance to the Board of Public Works in August.
- Staff attended the Storm Water Pond Vegetation Management & Maintenance Field Day training by NEWSC.
- Staff participated in the WDNR webinar regarding construction tracking updates.
- Staff participated in the WDNR webinar on the Urban Nonpoint Source Grant Program.
- Staff attended the Fox Wolf 2018 Conference.
- Storm Water Pollution Prevention video was shown to Street and Park Department staff.
- Formed an MS4 Team in 2018 which includes staff from Engineering, Parks, Street, and Inspection. First meeting was held in September.

Illicit Discharge Detection and Elimination

- Staff completed reviews of many of the outfalls as part of the pond and swale inspections. No formal field screenings were completed in 2018 per the City plan.
- Modifications were made to the major and minor outfall mapping in 2018. These modifications included listing large outfalls at the location of pond discharge

versus the outlet of the pond. This increased the overall number of major outfalls. Maps have been included.

- Staff sent out several letters regarding the illegal dumping of grass clippings and yard debris in swales.

Construction Site Pollutant Control

- Staff completed inspections on private and public construction sites. Engineering assisted the inspection for erosion control practices on private sites. Maintenance of erosion control practices improved significantly as the year progressed. Staff utilized verbal and written warnings for several projects.

Post Construction Storm Water Management

- Staff completed inspections on private storm water management systems. Eight facilities were identified as requiring maintenance. Letters will be sent out in the April of 2019.
- The list of private storm water maintenance activities is attached.

Pollution Prevention

- Staff completed inspections on public storm water management systems.
- Bank erosion was repaired on the storm water management pond in Basin FE290.
- The list of additional public pond maintenance activities is attached.
- The City collected 991 tons of material during leaf collection and 295 tons of material from street sweeping and catch basin cleaning. Street sweepings and catch basin materials were not separated for a tonnage calculation.

Renew Our Waters

Every choice counts.

Rain Barrels

Catching rain when it falls benefits you *and* our local waters!

The Fox Valley area receives an average of 22.23 inches of rain from April through October. Rain runs off your rooftop, onto your driveway, down the street and into the storm drain collecting dirt, debris, fertilizer and other harmful substances along the way. All of the polluted water ends up in our local waters UNLESS we stop the water where it falls!

CATCHING THE WATER WHERE IT FALLS

A rain barrel is a system that collects rainwater from your roof that would otherwise be lost to runoff. Rain barrels come in a wide variety of materials, designs and colors. Rain barrels can be purchased at local hardware stores or can be built at a rain barrel workshop,

Catching rain water in a barrel allows you to water your garden and plants indoors and out during dry periods.

BENEFITS OF A RAIN BARREL

Rain water is best for plants. Catching rain water in a rain barrel allows you to water your garden and plants indoors and out during dry periods. Instead of paying for water from the tap, you can use the water you collect to keep your landscape healthy - saving you money!

Using a rain barrel not only benefits you but also our local waters. Water stored in a rain barrel and used for watering plants won't rush off your property and carry pollutants to our streams and rivers. Not only that, water that is used for watering sinks into the ground and replenishes the ground water supply. Two great benefits from one barrel!

CHOOSING & PLACING A BARREL

Rain barrels come in a wide variety of materials, designs and colors. Ready-to-use barrels are available at most hardware stores and garden centers. Alternatively, you can save money by making your own barrel. For more information on making your own barrel visit our website.

A rain barrel must be secured on a firm level surface. Water is heavy - a 55 gallon barrel weighs approximately 460 lbs, and tipping is a risk it is unsecured or on uneven ground.

Stormwater is rain or snowmelt and water from things people do, like overwatering the lawn or discharging pool water into the street drain. We can choose products carefully and shape our lawns and pavement so water sinks in. When we do, runoff is reduced, pollutants filter out and streams and groundwater are protected.

Untreated runoff is the biggest threat to our nation's water quality, according to the U.S. Environmental Protection Agency. Let's make the small, important changes that will reduce that threat and improve water quality and our lives!

Realize

What touches the ground enters the water

Renew Our Waters

Every choice counts.

Ice and Snow Control

We can have safe walkways in the winter and cleaner water all year round.

Winter in Northeast Wisconsin is a great time for outdoor fun, like ice fishing, ice skating, sledding and skiing. Here, winter also means mountains of snow to shovel and layers of ice to remove from driveways and sidewalks.

We often try to make ice removal easier by using products like salt and sand to melt the snow and ice. Many people do not realize that these products are harming local waters and the animals that rely on them. When the ice and snow melt, the salt and chemicals flow into street drains that lead directly to rivers and lakes.

SHOVEL OFTEN AND EARLY

Shoveling often during and immediately following the storm removes the snow from walkways and driveways before it gets packed down by tires and feet. The most important part of deicing is removing as much snow as possible before applying salt or sand - it's also great exercise!

Use only the recommended amount. Throwing down more salt will not speed up the melting process.

MAKE THE MOST OF THE SALT YOU USE

It is not always necessary to see bare pavement to have a safe winter surface. Ask yourself if it is necessary that the snow or ice be removed. For salt to be effective, air temperature needs to be warmer than the surface temperature of the area you want to treat. A little goes a long way. Use only the recommended amount. Throwing down more salt will not speed up the melting process. Use only enough deicer to break the bond between the ice and the pavement, then remove the remaining slush by shoveling.

LIMIT THE AMOUNT OF SAND YOU USE

Sand provides traction. It does not melt ice. Sand, although not chemical, contributes to polluting our local waters. It adds to the excess sediment that is entering waterways, eliminating important habitat for aquatic plants and animals. Sand does play a role in winter road management. It is often used by municipalities on roads to help maintain traction. Since ice removal is typically the concern of homeowners, sand may not be necessary.

Stormwater is rain or snowmelt and water from things people do, like overwatering the lawn or washing the car on the driveway. This water runs off our properties, into the street and down the storm drain - picking up pollutants on its way. Once it reaches the storm drain the water and the pollutants it carries is discharged into local waterways.

Untreated runoff is the biggest threat to our nation's water quality, according to the U.S. Environmental Protection Agency. Let's make the small, important changes that will reduce that threat and improve water quality and our lives!

Realize

What touches the ground enters the water

Renew Our Waters

Every choice counts.

Leave your Leaves on Land

Fall leaves provide beautiful color on trees, but in local waters they contribute to green algae blooms - not so pretty.

Cleaning up your yard in the fall properly will help keep our local waters clean too! Read these tips. Post this sheet in your garage near your rakes. Working together to keep leaves out of the storm drain and out of local waters will help keep green on the land and out of the water.

KEEP YOUR LEAVES ON YOUR PROPERTY

A great way to make sure leaves do not end up in local waters is to keep them on your property!

Mulch leaves in place by making several passes over the leaves with a mulching mower. This will keep leaves on your lawn and provide it with nutrients it needs for healthy grass next spring.

Composting is recycling your lawn trimmings and turning them into a valuable resource for your garden or houseplants!

Collect leaves and spread them in garden beds or under shrubs. Here leaves provide valuable protection for plants through the winter.

COMPOSTING

Composting is recycling your lawn trimmings and turning them into a rich soil, known as compost - a valuable resource for your garden or houseplants.

Cold composting requires little maintenance but can take up to 2 years to complete. To create a cold

compost pile, mix non-woody yard wastes and let them sit.

Hot composting requires regular maintenance such as turning and watering. Typically, compost can be reached in 1-3 months. To create a hot compost pile, layer or mix roughly equal amount of high nitrogen "Greens" (wet and soft materials, like grass clippings) and high-carbon "Browns" (dry and woody, like dead leaves) with 10% bulky materials (wood chips) to keep the pile loose.

All materials in the pile must stay moist, but not soaking wet. Add water to maintain conditions conducive to the composting process. Turn the pile often.

RAKING & COLLECTION

If you decide to collect your leaves for removal from your yard, follow your community leaf collection policies and schedules. Put a tarp over leaf piles between pick-up times to prevent them from blowing away. Remove leaves and debris from the gutters and storm sewer outlets.

Northeast Wisconsin Stormwater Consortium

P.O. Box 1861 Appleton, WI 54912 | 920.858.4246

Stormwater is rain or snowmelt and water from things people do, like overwatering the lawn or letting fertilizer fall into the street drain. We can choose products carefully and shape our lawns and pavement so water sinks in. When we do, runoff is reduced, pollutants filter out and streams and groundwater are protected.

Untreated runoff is the biggest threat to our nation's water quality, according to the U.S. Environmental Protection Agency. Let's make the small, important changes that will reduce that threat and improve water quality and our lives!

Realize

What touches the ground enters the water

RenewOurWaters.org



City of De Pere, Wisconsin

Request For Sustainability Commission Action

MEETING DATE: December 10, 2019

DEPARTMENT: Public Works

FROM: Scott Thoresen

SUBJECT: Discuss Educational Workshops

It was requested to discuss educational workshops for residents. The intent would be to hold regular workshops/educational events for residents to learn about such things as energy efficiency, water conservation, storm water management, etc.