

REVISED
CITY OF NEENAH
PUBLIC SERVICES AND SAFETY COMMITTEE MEETING
Tuesday, March 27, 2018 - 7:00 PM
Council Chambers - City Administration Building

NOTICE IS HEREBY GIVEN, pursuant to the requirements of Wis. Stats. Sec. 19.84, that a majority of the Neenah Common Council may be present at this meeting. Common Council members may be present to gather information about a subject over which they have decision-making responsibility. This may constitute a meeting of the Neenah Common Council and must be noticed as such. The Council will not take any formal action at this meeting.

AGENDA

1. Approval of Minutes of the March 13, 2018, Special Meeting and the March 13, 2018, Regular Meeting (Minutes can be found on the City website)
2. Public Appearances
3. Police Department Drone Replacement (Attachment)
4. Police Department Body Camera Equipment Contract (Attachment)
5. Annual DNR Storm Water Report (Attachment)
6. Assessable Frontage Review - Eaglecrest Estates Plat: 1585 and 1589 Remington Road (Attachment)
7. **ASSESSMENT AND FUNDING OPTIONS FOR NATURE TRAIL AND EAGLECREST CONSTRUCTION (DISCUSSION ONLY - NO ACTION WILL BE TAKEN)**
8. Licenses
 - a. Beverage Operator License Applications (Attachment)
 - b. Beverage Operator License Application (New) - Delinquent Fees (Attachment)
 - c. Temporary Class "B" (Picnic) License Beer & Wine Application (Attachment)
9. Public Works General Construction and Department Activity (Attachment)
10. Announcements / Future Agenda Items
11. Adjournment

In accordance with the requirements of Title II of the Americans with Disabilities Act (ADA), the City of Neenah will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. If you need assistance, or reasonable accommodation in participating in this meeting or event due to a disability as defined under the ADA, please call the **Public Works Administrative Assistant at (920)886-6240** or the **City's ADA Coordinator at (920)886-6106** or e-mail **attorney@ci.Neenah.wi.us** at least 48 hours prior to the scheduled meeting or event to request an accommodation.

CITY OF NEENAH
SPECIAL PUBLIC SERVICES AND SAFETY COMMITTEE MEETING MINUTES
Tuesday, March 13, 2018 - 6:00 PM
Hauser Room - City Administration Building

Present: Aldermen Bates, Hillstrom, Lang, Lendrum and Stevenson

Also Present: Mayor Kaufert, City Attorney Godlewski, Director of Public Works Kaiser, Alderman Boyette

Minutes: **Motion/Second/Carried Hillstrom/Lendrum to approve the minutes of the Regular Meeting of February 27, 2018.** All voting aye.

Public Appearances: None.

Assessable Frontage Review - 1380 Whispering Pines Lane: Director Kaiser reviewed his March 9, 2018, memo. The owner of 1380 Whispering Pines Lane had requested that staff review the assessable frontage calculation for his property at 1380 Whispering Pines Lane. Director Kaiser stated that the frontage calculation was based on viewing the lot as a trapezoid and averaging the front and rear lot line lengths, which resulted in an assessable frontage of 111.78 feet. He reviewed three other ways of calculating the assessable frontage – using a modified trapezoid shape with an adjusted rear lot line that was parallel to the front lot line, using the lot width at the 25-foot setback line, and dividing the lot area by the lot depth to calculate the average width. The assessable frontage widths calculated with the four methods ranged from 90.30 feet to 113.81 feet. He noted that the trapezoid method, as originally calculated, was used when the lot was previously assessed for the temporary 2-inch asphalt mat. The consensus of the Committee was to confirm the original calculation and assign an assessable frontage of 111.78 feet for the lot. Since that was the measurement used in the previously approved assessment report, no action was needed.

Assessable Frontage Review - 1589 Remington Road: Director Kaiser reviewed his memo of March 9, 2018. The owner of 1589 Remington Road had addressed Council regarding the assessable frontage for his lot. The lot has 135.11 feet of frontage on Nature Trail Drive and 310.56 feet of frontage on Remington Road. As a corner lot, the assessable frontage totals 345.67 feet. Director Kaiser noted that the southerly two-thirds of the lot is delineated wetlands and unlikely to be developed. He suggested that the assessment for the lot be calculated per ordinance but that the property owner be billed based on typical corner lot dimensions in the neighborhood of 110 feet x 135.11 feet. That would reduce the billed assessable frontage to 155.04 feet. The difference between the billed assessment and the calculated assessment would be held as a deferred assessment against the lot should the remainder of the lot be developed. Mayor Kaufert noted that he had been contacted by another property owner who also has a sizable quantity of wetlands on his property and was seeking a similar adjustment to his assessable frontage. After discussion, the Committee directed staff to review the remainder of the Eaglecrest Estates Plat to see if other lots are affected by similar circumstances and bring all adjustment recommendations to a future Committee meeting.

Approval of Special Assessment Report:

Committee reviewed the assessment report for installation of curb, gutter and HMA Pavement in the Eaglecrest Subdivision. Director Kaiser noted that the estimated assessment rate of \$80 per assessable foot was calculated as a combined project to construct the streets in the Eaglecrest Estates subdivision and the streets in the Nature Trails subdivision.

Public Services and Safety Committee Special Meeting Minutes

March 13, 2018

Page 2

City Attorney Godlewski reviewed potential action that could be taken to defer charges for this work until 2019. He noted that any action to defer charges should be done when Committee considers the Final Resolution for the project.

Following discussion, **Motion/Second/Carried Stevenson/Lendrum to authorize the Chairman to sign the assessment report for Preliminary Resolution No. 2018-09 for installation of curb, gutter and pavement on Kingswood Drive (Nature Trail to Shootingstar), Remington Road (Nature Trail to Shootingstar), Paintbrush Road (Kingswood to Remington) and Shootingstar Drive (Kingswood to Remington).** All voting aye.

Public Works General Construction and Department Activity:

1. Contract 8-17 (Commerce Court Pond) – Pipe installation is complete. The contractor has started to work on expanding the detention pond. Excavated soil is being placed on the south slope of Bell Street.
2. Contract 1-18 (Andrew, Richard, Geiger, Whiting) – A pre-construction meeting was held on March 9. The contractor plans to mobilize on March 19 to start work on Geiger. St. Gabriel Parish/School contacts have been notified. Committee expressed concern that construction activities minimize interference with Holy Week activities at St. Gabriel Parish.
3. Contract 2-18 (Cecil, Adams) – A pre-construction meeting was held on March 9.
4. Contract 3-18 (Nature Trails/Eaglecrest) – An informational meeting with Eaglecrest residents is scheduled for March 12. The schedule currently calls for project advertising around March 21/28 and bid opening on April 4.
5. City Hall Boilers – Proposals are being received for boiler replacement.
6. Storm Water – Staff is preparing the annual storm water report to DNR, which is due at the end of the month. Director Kaiser noted that this report will require the City to establish a firm path to achieve the required loading allocations.
7. Bergstrom Road Street Lighting – We Energies has started street light installation.
8. Epoxy Pavement Marking - Traffic Engineer Merten has begun preparing the pavement marking contract. Alderman Stevenson noted the Traffic-Outside Services budget carry-forward that will be directed toward this work. Mayor Kaufert commented on the pavement marking conditions around schools and noted that he has asked staff to look at ways to enhance this budget so that additional marking work can be done.

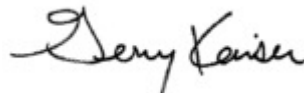
Announcements/Future Agenda Items:

Alderman Lendrum noted a recent accident where a driver drove off the end of Nicolet Boulevard. She requested that staff look at improving markings to enhance recognition of the end of the road.

Mayor Kaufert informed the Committee that staff is developing a fillable form for Street Use Permits.

Motion/Second/Carried Hillstrom/Lang to adjourn at 6:45 p.m. All voting aye.

Respectfully submitted,



Gerry Kaiser
Director of Public Work

CITY OF NEENAH
PUBLIC SERVICES AND SAFETY COMMITTEE MEETING MINUTES
Tuesday, March 13, 2018 - 7:00 PM
Hauser Room - City Administration Building

Present: Aldermen Bates, Hillstrom, Lang, Lendrum, and Stevenson

Also Present: Mayor Kaufert, City Attorney Godlewski, Director of Public Works Kaiser, Police Chief Wilkinson, William Fishman, Seth Fishman, Jillian Fishman, Andrea Detrie, Liz Detrie, Kimberly Machmueller, Jeffrey Machmueller, Joshua Arneson, Jacob Arneson, Alderman Boyette, Brian Defferding, CSA Gilson, CSA Burrows, CSA McHugh

Appeal of Prohibited Dangerous Animal Designation pursuant to Neenah Code §3-16 – Kimberly and Jeffrey Machmueller, 973 Byrd Avenue: City Attorney Godlewski outlined the procedures to be followed for the hearing. City Attorney Godlewski placed all potential witnesses under oath. The prohibited dangerous animal declaration was made following a bite incident involving the dog “Fritzy”. Fritzy is described as a male, tan Terrier mix owned by Kimberly and Jeffrey Machmueller.

Chief Wilkinson made an opening statement. He reviewed the events leading to the Prohibited Dangerous Animal declaration. He stated that Fritzy was involved in a bite incident on June 27, 2017, which resulted in him being declared a Dangerous Animal. He stated that the owners indicated that they would pursue a Dangerous Animal license. He stated that the same animal was involved in another incident on February 1, 2018. He stated that both Fritzy and Bailey, a white dog also at the residence, escaped from their fenced yard and were each involved in bite incidents. Because of the prior declaration on Fritzy, ordinance required that Fritzy be declared a Prohibited Dangerous animal. This requires that the animal either be removed from the City or euthanized.

Kimberly and Jeffrey Machmueller made an opening statement. She stated a request to allow her family to keep Fritzy in the City until their house is sold and they can move out of the City. She stated that the house would be going on the market in two weeks. She stated that she is making the request because the dog is a companion for her son who has ODD (oppositional defiant disorder) and she believes that it has a mental health benefit for him. She expressed that Fritzy is not a vicious dog. She acknowledged that she wasn't a witness to the February 1 incident but stated that she had been on hand during the June 2017 incident, which she felt left Fritzy traumatized. She reiterated her request to keep Fritzy until the house was sold. Mr. Machmueller indicated that he had also been present at the June 2017 incident and that the bite victim in that case had provoked Fritzy. He expressed that removing Fritzy from the house would be detrimental to his step-son's health. Mrs. Machmueller stated that she would present testimonials from a number of relatives.

Community Service Aide Michael Gillson testified. He stated that he had responded to the February 1 incident to support Community Service Aide Matthew McHugh. He stated that he had interviewed Andrea Detrie, 1142 Meadow Lane. She had told him that she had responded to the sound of dogs barking in front of her house. She stated that when she looked out of the front window, she witnessed a dog biting a boy. Ms. Detrie told him that she had then been bitten but the bite had not penetrated her boot. She had told him that the dogs had also reacted to a female student who was walking home. He stated that there were two dogs, one brown and one white.

Public Services and Safety Committee Meeting

March 13, 2018

Page 2

He stated that CSA McHugh had met with the female victim and that he had met with the male victim, Seth Fishman. He confirmed that altogether, three people were bitten by the two dogs. CSA Gilson recounted Mr. Fishman's statement. Mr. Fishman was walking home from high school. When he approached the Meadow Lane intersection with Byrd Avenue, he noticed dogs barking. One of the dogs approached and bit him. He then crossed to the west side of Meadow Lane and continued to his home. CSA Gilson described Mr. Fishman's injuries. Chief Wilkinson showed photos of Mr. Fishman's injury to CSA Gilson. CSA Gilson confirmed that he had taken the photos. The photos were entered into the record. CSA Gilson described each photo. He noted that other photos were taken of the injuries to each of Mr. Fishman's legs but that an equipment malfunction led to the loss of the photos of the more serious injuries on the right leg. The appellant viewed the photos. Using an aerial photo, CSA Gilson noted the locations of the Machmueller house, the Detrie house and Mr. Fishman's walking route. He stated that on February 2, he had followed up on checking the fencing arrangement at the Machmueller yard. He noted the area where the fence was breached as the probable location of the dog's escape. Chief Wilkinson provided and CSA Gilson reviewed photos of the rear yard fences for the Machmueller and Detrie properties. The photos were entered into the record. CSA Gilson stated that he was not involved in the dog license review for Fritzy. He stated that Fritzy was current on vaccinations on February 1 since the quarantine procedure for a vaccinated dog was followed.

Mr. and Mrs. Machmueller questioned CSA Gilson. CSA Gilson noted the fence section that was tipped over where he believes the dog's escaped. He stated that he could not make a judgment on whether or not the dogs were strong enough to tip the fence over. He stated that when he met Fritzy on February 2, the dog was calm and that he was able to pet Fritzy.

Chief Wilkinson reviewed the fencing requirements for a dangerous animal. He stated that when outside, the animal is required to be in a double-walled fence.

Community Service Aide Ashley Burrows testified. She stated that she has been a CSA for 4 years and has investigated dozens of dog bite incidents. She stated that she was involved in this incident to take secondary photos of Mr. Fishman's injuries because of problems in retrieving some of the earlier photos. She stated that her follow up was several weeks after the bite incident. Chief Wilkinson showed photos of Mr. Fishman's injury to CSA Burrows. CSA Burrows confirmed that she had taken the photos. The photos were entered into the record. CSA Burrows described each photo. The appellant viewed the photos. CSA Burrows stated that she had been involved in the 2017 bite incident involving Fritzy by delivering the dangerous animal letter to the Machmuellers. She described the process for delivering the dangerous animal letter. She stated that she does not read the letter to the recipient since it is sealed. She stated that she instructs the recipient to direct questions to Chief Wilkinson.

Seth Fishman testified. He stated that he was walking from the high school to his house on Melrose Court. Using the aerial photo, he described his typical walking route. He stated that the incident happened between 3 and 3:30 p.m. He stated that when he turned north onto Meadow Lane from Byrd Avenue, he noticed a dog approach. He stated that the dog bit him on both legs at the northeast corner of the intersection. He stated that he then crossed to the west side of Meadow Lane and continued home. He stated that this was his first encounter with the dogs.

Public Services and Safety Committee Meeting

March 13, 2018

Page 3

He stated that both dogs approached him but that only the brown one bit him. Mr. Fishman reviewed the photos previously entered into the record and confirmed the extent of his injuries. He described the treatment that he received for the injuries. He indicated that there are no lingering physical effects from the bite. He noted that he did not provoke the dogs. He stated that the brown dog snarled and growled right before the bite. He stated that the dogs did not follow him when he crossed the street. He did not see anyone else get bit that day.

The Machmuellers questioned Mr. Fishman. He stated that when he first saw the dogs, they were near the Machmueller residence. The dogs then approached him.

The Committee questioned Mr. Fishman. He stated that he did not see anyone come out at the time of the incident.

Andrea Detrie testified. She stated that she was in her living room at the time of the incident. She stated that she heard dogs barking, looked out her window, saw two dogs run to the young man on the sidewalk, and saw the brown dog bite him at least twice. She stated that there was a noise to the side of the house that distracted the dogs as the man crossed the street. She stated that she exited her house through the garage in order to tell her neighbor of the incident. She stated that the brown dog bit the leather boot that she was wearing. She stated that the dog was growling as it approached her. She noted that she was on her property when she was bit. As she tried to get the attention of someone at the Machmueller's she warned a girl who was walking nearby on Byrd Avenue. She stated that she was able to get Mr. Machmueller's attention and he went to the front door of the house and called the dogs. She stated that the brown dog went in but that the white dog would not. She stated that she did not see the girl on the sidewalk get bit. She indicated that she has not had a prior threatening experience with the dogs. She stated that both dogs had been harassing the girl.

The Machmuellers questioned Ms. Detrie. Mrs. Machmueller described prior history with dogs that Ms. Detrie had owned. Ms. Detrie stated that the Machmueller's dogs had been on her property before but had not approached her. She acknowledged that she had been screaming to get someone's attention at the Machmueller house. She also acknowledged telling Mr. Machmueller that she was going to call the police.

Committee questioned Ms. Detrie. She stated that she had observed the dogs being unleashed when getting in and out of vehicles after the 2017 dangerous animal declaration.

Kimberly Machmueller stated that she did not have any witnesses to call.

Jacob Arneson, Mrs. Machmueller's 12-year old son, read a statement. He described how Fritzzy helps to keep him calm when he is having stressful episodes. On questioning from Committee, he indicated that he had witnessed the bite incident in 2017. He described Fritzzy's demeanor as being calm and pleasant.

Joshua Arneson, Mrs. Machmueller's 14-year old son, read a statement. He stated that neither he nor Jacob caused the breach in the fence. He stated the belief that the 2017 bite incident was provoked.

Public Services and Safety Committee Meeting

March 13, 2018

Page 4

On questioning from Committee, he stated that this was the only time that the dogs escaped the fenced area. He stated that they use a leash to walk the dogs between the car and the house. He stated that since the 2017 incident they also use a muzzle on Fritzzy.

Committee questioned the Machmuellers. City Attorney Godlewski reviewed the dangerous animal letter with Mrs. Machmueller. She confirmed that they had not appealed the dangerous animal declaration arising from the June 2017 bite.

Mr. Machmueller stated that they do not have the dangerous animal tag since they were awaiting contact from the City regarding the documentation that they had provided. He confirmed that they had not purchased a 2018 dog license because they misunderstood the coverage period for the license. He reviewed the arrangements he took to get the required insurance. He described the visit that he had with Seth Fishman's mother after the incident. He stated that she was mainly concerned about the status of Fritzzy's shots.

Mrs. Machmueller stated that she wasn't aware that a double-wall fence was required. She stated that the insurance company had told them that their insurance would be dropped if they placed a "Dangerous Dog" sign in the front yard. She acknowledged that they hadn't satisfied all of the requirements listed in the dangerous animal letter. Mrs. Machmueller described the measures that they take to leash Fritzzy when moving him between the house and a vehicle.

Mr. Machmueller stated that he hadn't come out of the house at the time of the incident because Fritzzy responded to his call and returned to the house. After Bailey did not come to the house he went out to get her. He stated that he had not seen Bailey chase anyone before. He stated that the dogs had been out 5-10 minutes prior to the incident. He stated that after the dogs were in the house, he checked the fence and made temporary repairs. He expressed the belief that the dogs could not have knocked down the section of fence where the breach was made. He described the general fence construction and the manner in which it abuts to Ms. Detrie's fence.

Mrs. Machmueller reviewed the arrangements to place the house on the market. Chief Wilkinson reviewed the process for notifying communities when a dog with a dangerous animal declaration is moved into another jurisdiction.

Mr. Machmueller stated that he had not been provided with a copy of the police report that was provided to the Committee. Committee discussed the process for providing information to appellants. Mr. Machmueller stated that he was unaware of Bailey's involvement in a bite until a week or two after the incident. He was not aware of the implications of the February bite incident on his insurance.

Chief Wilkinson made a closing statement. He stated that he had intentionally avoided the June 2017 bite incident in presenting his case since the dangerous animal declaration arising from that case was not appealed. He reviewed the ordinance requirements for a prohibited dangerous animal declaration and noted that the requirements are satisfied in Fritzzy's case.

Public Services and Safety Committee Meeting
March 13, 2018
Page 5

Mrs. Machmueller made a closing statement. She reviewed her history of homeownership at this location. She noted that she had adopted Fritzzy in 2015 as a rescue from a kennel in Indiana. She described the bond between her son Jacob and Fritzzy and the comfort that Fritzzy provides to him. She expressed her concern with the impact that losing Fritzzy would have on her son. She described public places where they have taken Fritzzy without incident. She stated that they have decided to sell their home so that they can keep Fritzzy. She stated that her family is working to prepare the house for sale. She requested that Fritzzy be allowed to stay with them until they can move. She stated that Fritzzy would be on a leash and muzzled at all times when out. She expressed a willingness to submit to random checks to make sure that the conditions for keeping Fritzzy are being satisfied. She presented the Committee with photos of Fritzzy and letters of support.

Motion/Second/Carried Stevenson/Hillstrom to convene into Closed Session in the Council Chambers, pursuant to Wis. Stat. §19.85(1)(a) for the purpose of conducting deliberations regarding the Prohibited Dangerous Dog Designation Appeal by Kimberly Machmueller, 973 Byrd Avenue. All voting aye.

Motion/Second/Carried Lendrum/Stevenson to reconvene into Open Session to announce result of deliberations on appeal of Prohibited Dangerous Dog Designation Appeal by Kimberly Machmueller, 973 Byrd Avenue. All voting aye.

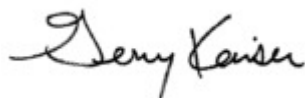
Upon reconvening, City Attorney Godlewski reviewed the Committee's ruling. He stated that the Committee on a vote of 5-0 upheld the Prohibited Dangerous Animal declaration for Fritzzy. He stated that the Machmueller's would have until April 30, 2018, to comply with the requirements of the declaration. While Fritzzy is in Neenah, the following conditions apply:

- Fritzzy must be indoors at all times except when being let out to relieve himself or when being transported;
- When Fritzzy is outside he must be cage muzzled and restrained by a leash no longer than six feet in length and controlled by an adult;
- Appellants are to inform Chief Wilkinson of where they will be moving.
- Appellants accept spot checks to insure compliance with these conditions.

City Attorney Godlweski informed the Machmuellers that he would prepare the formal Findings of Fact and Conclusions of Law document for their signature.

Motion/Second/Carried Stevenson/Lendrum to adjourn at 9:20 p.m. All voting aye.

Respectfully submitted,



Gerry Kaiser
Director of Public Works



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To: Finance and Personnel Committee
From: Captain Edgar Gonzalez
Re: **Drone Replacement**
Date: 2/28/2018

The purpose of this memo is to respectfully request authorization to replace the City of Neenah’s drone.

In 2017, two of our drone pilots were flying the drone at the request of Community Development. The project included a flyover of our Downtown area. The pilots stood on E Wisconsin Avenue and flew the drone west on Wisconsin Avenue, toward Church Street. There were power lines at the intersection of W Wisconsin Avenue and Church Street within a few feet of the altitude chosen for the flight. These power lines were not visible from where the pilots stood. One of the pilots is responsible for monitoring the video feed from the drone and when he saw the power lines, it was too late for the pilot to react.

The damage to the drone was too much to repair and while the insurance coverage includes liability, the property damage coverage has a \$5,000 deductible. The drone and the equipment damaged was worth \$2,600.

Since this incident occurred, the pilots have discussed modifications to their procedures to increase the likelihood of avoiding a crash like this again.

We have obtained a new quote to replace the drone and the costs of replacement are as follows:

- DJI Inspire 1 – Minus Remote: \$1,670.00
- DJI Zenmuse Z3 7x Zoom Drone Camera: \$881.02
- **Total: \$2551.02**

Recommendation: An appropriate motion would be to authorize the purchase of a replacement drone for a total of \$2551.02 using the City’s Preparedness Grand funds.



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To: Finance and Personnel Committee
From: Captain Edgar Gonzalez
Re: **Body Camera Equipment Contract**
Date: 3/2/2018

The purpose of this memo is to respectfully request authorization to enter into a five-year contract with Axon (formerly Taser International), starting at \$20,432.16 in 2018.

Axon's new contract with Neenah PD includes the following:

- 39 Axon Body 2 Cameras with extended 5 year warranty
- Upgrades to all cameras and docks at both 2.5 and 5 year mark
- (5) 6-Bay Axon Body 2 docks with wall mounts
- Various camera mount systems
- 5 years of Evidence.com licensing and storage (34 Basic licenses and 6 PRO Admin licenses)
- 9 Signal Units for squads (signal activation of body cameras when emergency lights are on)

The cost breakdown by year is:

- **Year 1: \$20,432.16**
- Year 2: \$22,806.00
- Year 3: \$22,806.00
- Year 4: \$22,806.00
- Year 5: \$22,806.00
- Total: \$111,656.16

The body cameras have proven their usefulness time and again by granting us the ability to pull up a video recording in response to citizen complaints, and as a training tool. As part of this contract, we have requested the addition of Signal Units for the nine patrol squads. These units transmit a signal when emergency lights are running that will activate all of the body cameras within range. Our goal with this is to minimize the important incidents that are not recorded.

Through this contract, our equipment would be replaced three times in five years. We would get new equipment the first year (2018), then replacement equipment two and a half years into the contract and once more on the fifth year.



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Recommendation: An appropriate motion would be to authorize the signing of a five-year contract with Axon (formerly Taser International) for the Department's body camera equipment, maintenance and data storage fees totaling \$20,432.16 for 2018, to be paid out of CIP account 011-2133-743-8133. We have budgeted \$20,480 through CIP for 2018. The total cost of the contract over a five year period is \$111,656.16.



QUOTE: Q-154655-43179.680KP

Axon Enterprise, Inc.
 Protect Life.
 17800 N 85th St.
 Scottsdale, Arizona, 85255
 United States
 Phone: (800) 978-2737

Issue Date: 03/20/2018

➔ Quote Expiration: 03/31/2018

Account Number: 107541

Start Date: 04/01/2018
 Payment Terms: Net 30
 Delivery Method: Fedex - Ground

Sales Representative:
 Kenneth Pederson
 Phone:
 Email: kpederson@axon.com
 Fax:

Primary Contact:
 Edgardo Gonzalez
 (920) 886-6000
 egonzalez@ci.neenah.wi.us

BILL TO:
 Neenah Police Dept. - WI
 2111 Marathon Avne
 Neenah, WI 54956
 US

SHIP TO:
 Edgardo Gonzalez
 Neenah Police Dept. - WI
 2111 Marathon Avne.
 Neenah, WI 54956
 US

Year 1

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80012	BASIC EVIDENCE.COM LICENSE: YEAR 1 PAYMENT	34	180.00	180.00	6,120.00
85110	EVIDENCE.COM INCLUDED STORAGE	340	0.00	0.00	0.00
80022	PRO EVIDENCE.COM LICENSE: YEAR 1 PAYMENT	6	468.00	70.20	421.20
85110	EVIDENCE.COM INCLUDED STORAGE	180	0.00	0.00	0.00
85035	EVIDENCE.COM STORAGE	3,500	0.75	1.50	5,250.00
87026	TASER ASSURANCE PLAN DOCK 2 ANNUAL PAYMENT	5	216.00	216.00	1,080.00
85070	TASER ASSURANCE PLAN ANNUAL PAYMENT, BODYCAM	37	204.00	204.00	7,548.00
Hardware					
74001	AXON CAMERA ASSEMBLY, ONLINE, AXON BODY 2, BLK	37	399.00	0.00	0.00
74020	MAGNET MOUNT, FLEXIBLE, AXON RAPIDLOCK	37	0.00	0.00	0.00
74021	MAGNET MOUNT, THICK OUTERWEAR, AXON RAPIDLOCK	37	0.00	0.00	0.00
74023	LG POCKET MOUNT, 6 IN, AXON RAPIDLOCK	37	0.00	0.00	0.00
11507	MOLLE MOUNT, SINGLE, AXON RAPIDLOCK	15	0.00	0.00	0.00
11508	MOLLE MOUNT, DOUBLE, AXON RAPIDLOCK	15	0.00	0.00	0.00
11553	SYNC CABLE, USB A TO 2.5MM	37	0.00	0.00	0.00
74008	AXON DOCK, 6 BAY + CORE, AXON BODY 2	5	1,495.00	0.00	0.00
70112	AXON SIGNAL UNIT	9	279.00	0.00	0.00

Year 1 (Continued)

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware (Continued)					
70033	WALL MOUNT BRACKET, ASSY, EVIDENCE.COM DOCK	5	35.00	0.00	0.00
				Subtotal	20,419.20
				Estimated Shipping	12.96
				Taxes	0.00
				Total	20,432.16

SPARE

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Hardware					
74001	AXON CAMERA ASSEMBLY, ONLINE, AXON BODY 2, BLK	2	0.00	0.00	0.00
74020	MAGNET MOUNT, FLEXIBLE, AXON RAPIDLOCK	2	0.00	0.00	0.00
74021	MAGNET MOUNT, THICK OUTERWEAR, AXON RAPIDLOCK	2	0.00	0.00	0.00
11553	SYNC CABLE, USB A TO 2.5MM	2	0.00	0.00	0.00
				Subtotal	0.00
				Taxes	0.00
				Total	0.00

Year 2

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80013	BASIC EVIDENCE.COM LICENSE: YEAR 2 PAYMENT	34	180.00	180.00	6,120.00
85110	EVIDENCE.COM INCLUDED STORAGE	340	0.00	0.00	0.00
80023	PRO EVIDENCE.COM LICENSE: YEAR 2 PAYMENT	6	468.00	468.00	2,808.00
85110	EVIDENCE.COM INCLUDED STORAGE	180	0.00	0.00	0.00
85035	EVIDENCE.COM STORAGE	3,500	0.75	1.50	5,250.00
87026	TASER ASSURANCE PLAN DOCK 2 ANNUAL PAYMENT	5	216.00	216.00	1,080.00
85070	TASER ASSURANCE PLAN ANNUAL PAYMENT, BODYCAM	37	204.00	204.00	7,548.00
				Subtotal	22,806.00
				Taxes	0.00
				Total	22,806.00

Year 3

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80014	BASIC EVIDENCE.COM LICENSE: YEAR 3 PAYMENT	34	180.00	180.00	6,120.00
85110	EVIDENCE.COM INCLUDED STORAGE	340	0.00	0.00	0.00
80024	PRO EVIDENCE.COM LICENSE: YEAR 3 PAYMENT	6	468.00	468.00	2,808.00
85110	EVIDENCE.COM INCLUDED STORAGE	180	0.00	0.00	0.00
85035	EVIDENCE.COM STORAGE	3,500	0.75	1.50	5,250.00
87026	TASER ASSURANCE PLAN DOCK 2 ANNUAL PAYMENT	5	216.00	216.00	1,080.00
85070	TASER ASSURANCE PLAN ANNUAL PAYMENT, BODYCAM	37	204.00	204.00	7,548.00
				Subtotal	22,806.00
				Taxes	0.00
				Total	22,806.00

Year 4

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80015	BASIC EVIDENCE.COM LICENSE: YEAR 4 PAYMENT	34	180.00	180.00	6,120.00
85110	EVIDENCE.COM INCLUDED STORAGE	340	0.00	0.00	0.00
80025	PRO EVIDENCE.COM LICENSE: YEAR 4 PAYMENT	6	468.00	468.00	2,808.00
85110	EVIDENCE.COM INCLUDED STORAGE	180	0.00	0.00	0.00
85035	EVIDENCE.COM STORAGE	3,500	0.75	1.50	5,250.00
87026	TASER ASSURANCE PLAN DOCK 2 ANNUAL PAYMENT	5	216.00	216.00	1,080.00
85070	TASER ASSURANCE PLAN ANNUAL PAYMENT, BODYCAM	37	204.00	204.00	7,548.00
				Subtotal	22,806.00
				Taxes	0.00
				Total	22,806.00

Year 5

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages					
80016	BASIC EVIDENCE.COM LICENSE: YEAR 5 PAYMENT	34	180.00	180.00	6,120.00
85110	EVIDENCE.COM INCLUDED STORAGE	340	0.00	0.00	0.00

Year 5 (Continued)

Item	Description	Quantity	List Unit Price	Net Unit Price	Total (USD)
Axon Plans & Packages (Continued)					
80026	PRO EVIDENCE.COM LICENSE: YEAR 5 PAYMENT	6	468.00	468.00	2,808.00
85110	EVIDENCE.COM INCLUDED STORAGE	180	0.00	0.00	0.00
85035	EVIDENCE.COM STORAGE	3,500	0.75	1.50	5,250.00
87026	TASER ASSURANCE PLAN DOCK 2 ANNUAL PAYMENT	5	216.00	216.00	1,080.00
85070	TASER ASSURANCE PLAN ANNUAL PAYMENT, BODYCAM	37	204.00	204.00	7,548.00
				Subtotal	22,806.00
				Taxes	0.00
				Total	22,806.00
				Grand Total	111,656.16



Discounts (USD)

Quote Expiration: 03/31/2018

List Amount	125,829.00
Discounts	14,185.80
Total	111,643.20

**Total excludes applicable taxes and shipping*

Summary of Payments

Payment	Amount (USD)
Year 1	20,432.16
SPARE	0.00
Year 2	22,806.00
Year 3	22,806.00
Year 4	22,806.00
Year 5	22,806.00
Grand Total	111,656.16

Notes

Do not Ship or Invoice Until A PO Is Received From The Agency

Agency has existing contract 2922 from 6/15/14 to 6/14/19 and is interested in transitioning to a new agreement effective 3/1/2018. Cancellation of contract 2922 is accepted when receipt of an executed copy of this agreement is received.

Axon's Sales Terms and Conditions

By signing this Quote, you certify that you have read and agree to the provisions set forth in this Quote and Axon's Master Services and Purchasing Agreement (MSPA), posted at <https://www.axon.com/legal/sales-terms-and-conditions>, as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. You represent that you are legally authorized to sign this Agreement on behalf of your entity. If you do not have this authority, please do not sign this Quote.

Signature: _____ **Date:** _____
Name (Print): _____ **Title:** _____
PO# (Or write N/A): _____

Please sign and email to Kenneth Pederson at kpederson@axon.com or fax to

Thank you for being a valued Axon customer. For your convenience on your next order, please check out our online store buy.axon.com

Quote: Q-154655-43179.680KP

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Submittal of Annual Reports and other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

Reporting Information

Submittal Type: Annual Report

Project Name: Annual Report

County: Winnebago

Municipality: Neenah, City

Facility Number: 31112

Reporting Year: 2017

Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Attach the following items as appropriate using the attachments tab above
 - Construction Site Pollution Control Annual Report Summary
 - Illicit Discharge Detection and Elimination Annual Report Summary
 - Leaf and Yard Waste Management
 - Municipal Cooperation Attachment
 - Municipal Facility Inspections
 - Pollution Prevention Annual Report Summary
 - Post-Construction Storm Water Management Annual Report Summary
 - Public Education and Outreach Annual Report Summary
 - Public Involvement and Participation Annual Report Summary
 - Storm Water Consortium/Group Report
 - Storm Sewer Map Annual Report Attachment
 - Storm Water Quality Management Annual Report Attachment
 - TMDL Attachment
 - Winter Road Maintenance
 - Other Annual Report Attachment
- Complete all required forms and upload required attachments
- Sign and Submit form

Municipal Contact Information- Complete

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 using the Attachments tab.

Municipality Information

Name of Municipality	Neenah, City
Facility ID # or (FIN):	31112
Updated Information:	<input type="checkbox"/> Check to update mailing address information
Mailing Address:	211 Walnut Street
Mailing Address 2:	
City:	Neenah
State:	Wisconsin
Zip Code:	54956 <small>xxxxx or xxxxx-xxxx</small>

Does the municipality rely on another government entity to satisfy some of the permit requirements?

Yes No Unsure

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

Primary Municipal Contact Person (Authorized Representative for MS4 Permit)

	<input type="checkbox"/> Select to create new primary contact
First Name:	Heath
Last Name:	Kummerow
	<input type="checkbox"/> Select to update current contact information
Title:	
Mailing Address:	211 Walnut St
Mailing Address 2:	
City:	Neenah
State:	<u>WI</u>
Zip Code:	54956 <small>xxxxx or xxxxx-xxxx</small>
Phone Number:	920-886-6245 Ext: <input type="text"/> <small>xxx-xxx-xxxx</small>
Email:	hkummerow@ci.neenah.wi.us

Additional Contacts Information (Optional)

Individual with responsibility for:
(Check all that apply)

- I&E Program
- IDDE Program
- IDDE Response Procedure Manual
- Municipal-wide Water Quality Plan
- Ordinances
- Pollution Prevention Program
- Post-Construction Program
- Winter roadway maintenance

First Name: Rick

Last Name: Freese

Title: P.W. Superintendent

Mailing Address: 1495 Tullar Road

Mailing Address 2:

City: Neenah

State: WI

Zip Code: 54956 xxxxx or xxxxx-xxxx

Phone Number: 920-886-6261 Ext: xxx-xxx-xxxx

Email: rfreese@ci.neenah.wi.us

Missing Information

Minimum Control Measures- Section 1 : Complete

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 **Add Activity** to add multiple Mechanisms. For Quantity, choose the range for the number of Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People Reached are both optional.

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
-----------	------------------------	-----------------------------------	--------------------------------

Topic: Detection and elimination of illicit discharges

Active distribution of print media 1 - 9 Yes No
(mailings, newsletters, etc.)

Topic: Management of materials that may cause storm water pollution from automobiles, pet waste, household hazardous waste and household practices

Passive print media (brochures at front 1 - 9 Yes No
desk, posters, etc.)

Topic: Beneficial onsite reuse of leaves and grass clippings/proper use of lawn and garden fertilizers and pesticides

Passive print media (brochures at front 1 - 9 Yes No
desk, posters, etc.)

Topic: Management of stream banks and shorelines by riparian landowners to minimize erosion and restore and enhance the ecological value of waterways

Workshops 1 - 9 Yes No

Topic: Infiltration of residential storm water runoff from rooftop downspouts, driveways and sidewalks

Passive print media (brochures at front 1 - 9 Yes No
desk, posters, etc.)

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
-----------	------------------------	-----------------------------------	--------------------------------

Topic: 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

Government event (public hearing, council 1 - 9 Yes No
meeting, etc.)

Topic: 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

Government event (public hearing, council 1 - 9 meeting, etc.)

Yes No

Topic: Promote environmentally sensitive land development designs by developers and designers, including green infrastructure and low impact development

Did not focus on this topic this reporting year Select...

Yes No

Topic: Other (describe):

Select...

Select...

Yes No

b. Any other Public Education and Outreach program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Do not close your work until you **SAVE**.

Form 3400-224 (09/17)

Minimum Control Measures - Section 2 : Complete

2. Public Involvement and Participation

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

Elected Officials

The Annual Report was presented to elected officials at the Public Services and Safety Committee meeting. Permit and TMDL requirements are discussed during budget meetings and when the CIP is established.

Municipal Officials

City Staff present the needs of the stormwater program, permit requirements and TMDL requirements during meetings, with requests for projects and equipment, during budget discussions, and with Committee meetings.

Appropriate Staff

Receive updates from DNR at NEWSOC meetings, Fox Wolf Storm Water Conference and email alerts from the DNR.

b. Complete the following information on Public Involvement Activities related to storm water. Select the mechanism that best describes how the topic message was conveyed to your population. Use the

Add Activity to add multiple mechanisms. For Quantity, choose the range for number Mechanisms chosen (i.e., number of workshops, events). Quantity and Estimated People reached are both optional.

Mechanism	Quantity (optional)	Est. People Reached (optional)	Regional Effort? (optional)
-----------	------------------------	-----------------------------------	--------------------------------

Topic: Storm Water Management Plan and/or updates

Presentation of Storm Water Information 1 - 9 40 Yes No

Topic: Storm water related ordinance and/or updates

None Select... Yes No

Topic: MS4 Annual Report

Government Event (Public Hearing, Council Meeting, etc) 1 - 9 20 Yes No

Website 1 - 9 Yes No

Topic: Volunteer Opportunities

Clean-up events 1 - 9 37 Yes No

Topic: Other (describe) :

Select... Select... Yes No

c. Any other Public Involvement and Participation program information for inclusion in the Annual Report may be added here or attached on the attachments page

Missing Information

Do not close your work until you **SAVE**.

Form 3400-224 (09/17)

Minimum Control Measures - Section 3 : Complete

3. Illicit Discharge Detection and Elimination

- | | | |
|--|----------------------------------|---------------------------------|
| a. How many total outfalls does the municipality have? | <input type="text" value="141"/> | <input type="checkbox"/> Unsure |
| b. How many outfalls did the municipality evaluate as part of their routine ongoing field screening program? | <input type="text" value="50"/> | <input type="checkbox"/> Unsure |
| c. How many were confirmed illicit discharges? | <input type="text" value="0"/> | <input type="checkbox"/> Unsure |
| d. How many illicit discharge complaints did the municipality receive? | <input type="text" value="3"/> | <input type="checkbox"/> Unsure |

e. How many were confirmed illicit discharges? 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? Unsure

Verbal Warning

Written Warning (including email)

Notice of Violation

Civil Penalty/ Citation

h. Any other Illicit Discharge Detection and Elimination program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Do not close your work until you **SAVE**.

Form 3400-224 (09/17)

Minimum Control Measures - Section 4 : Complete

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? 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. Unsure

Verbal Warning

Written Warning (including email)

Notice of Violation

Civil Penalty/ Citation

Stop Work Order

Forfeiture of Deposit

No Authority

Other - Describe below

- f. Any other Construction Site Pollutant Control program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Do not close your work until you **SAVE**.

Form 3400-224 (09/17)

Minimum Control Measures - Section 5 : Complete

5. Post-Construction Storm Water Management

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

- | | |
|---|--------------------------------|
| <input checked="" type="checkbox"/> Verbal Warning | <input type="text" value="5"/> |
| <input checked="" type="checkbox"/> Written Warning (including email) | <input type="text" value="0"/> |
| <input checked="" type="checkbox"/> Notice of Violation | <input type="text" value="0"/> |
| <input checked="" type="checkbox"/> Civil Penalty/ Citation | <input type="text" value="0"/> |
| <input type="checkbox"/> Forfeiture of Deposit | <input type="text"/> |
| <input checked="" type="checkbox"/> Complete maintenance | <input type="text" value="0"/> |
| <input checked="" type="checkbox"/> Bill responsible part | <input type="text" value="0"/> |
| <input type="checkbox"/> No Authority | <input type="text"/> |
| <input type="checkbox"/> Other - Describe below | <input type="text"/> |

- d. Any other Post-Construction Storm Water Management program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Minimum Control Measures - Section 6 : Complete

6. Pollution Prevention

Storm Water Management Facility Inspections (ponds, biofilters, etc.) Not Applicable

- a. Enter the total number of municipally owned or operated structural storm water facilities? Unsure
- b. How many new municipally owned storm water facilities were installed in the reporting year? Unsure
- c. How many municipally owned storm water devices were inspected in the reporting year? Unsure
- d. How many of these facilities required maintenance? Unsure
If so, attach report on attachments page.

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

- e. How many inspections of municipal properties been conducted in the reporting year? Unsure
- f. Have amendments to the SWPPPs been made? Yes No Unsure

Collection Services - *Street Sweeping / Cleaning Program* Not Applicable

- g. Did the municipality conduct street sweeping/cleaning during the reporting year? Yes No Unsure
- h. If known, how many tons of material was removed? Unsure
- i. 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
 Unsure

Collection Services - *Catch Basin Sump Cleaning Program* Not Applicable

- j. Did the municipality conduct catch basin sump cleaning during the reporting year? Yes No Unsure
- k. How many catch basin sumps were cleaned in the reporting year? Unsure
- l. If known, how many tons of material was removed? Unsure
- m. 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

Collection Services - Leaf Collection Program Not Applicable

- n. Does the municipality conduct curbside leaf collection? Yes No Unsure
- o. Does the municipality notify homeowners about pickup? Yes No Unsure

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

- Pile on terrace Pile in street Bags on terrace Unsure
- Other - Describe

p. What is the frequency of collection?

- q. 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.

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

s. Provide amount of de-icing products used by month last winter season?

Solids (tons) (ex. sand, or salt-sand)

Oct Nov Dec Jan Feb March*

Liquids (gallons) (ex. brine)

Oct Nov Dec Jan Feb March*

- t. Was salt applying machinery calibrated in the reporting year? Yes No Unsure
- u. 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

- v. 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:

Additional Pollution Prevention Information

w. Any other Pollution Prevention program information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Do not close your work until you **SAVE**.

Form 3400-224 (09/17)

Minimum Control Measures - Section 7 : Complete

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 - Describe below

b. Any other Storm Sewer System Map information for inclusion in the Annual Report may be added here or attached on the attachments page.

Missing Information

Do not close your work until you SAVE.

Form 3400-224 (09/17)

Final Evaluation - Complete

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.

Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
-----------------------------------	-----------------------	----------------------	-----------------

Element: Public Education and Outreach

2017	1668	1690	<u>Storm water utility</u>
------	------	------	----------------------------

Element: Public Involvement and Participation

2017	1668	1690	<u>Storm water utility</u>
------	------	------	----------------------------

Element: Illicit Discharge Detection and Elimination

2017	23034	23745	<u>Storm water utility</u>
------	-------	-------	----------------------------

Element: Construction Site Pollutant Control

2017	23466	24480	<u>Storm water utility</u>
------	-------	-------	----------------------------

Element: Post-Construction Storm Water Management

2017	15644	35060	<u>Storm water utility</u>
------	-------	-------	----------------------------

Element: Pollution Prevention

2017	409440	464810	<u>Storm water utility</u>
------	--------	--------	----------------------------

Element: Storm Water Quality Management

2017	244457	249928	<u>Storm water utility</u>
------	--------	--------	----------------------------

Element: Storm Sewer System Map

2017	3336	3381	<u>Storm water utility</u>
------	------	------	----------------------------

Other (describe)

			<u>Select...</u>
--	--	--	------------------

Water Quality

a: Were there any known water quality improvements or degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

Yes No Unsure If Yes, explain below:

b: 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

c: Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

Yes No Unsure

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.

--

Do not close your work until you SAVE.

Form 3400-224 (09/17)

Requests for Assistance on Improving Permit Programs

Would municipality like the Department to contact them about providing more information on developing or improving any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

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

Do not close your work until you **SAVE**.

Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

***Required Item**

Note: To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

Attach Documents

AR_SWMapFIN

 File Attachment

(To remove additional items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Draft and Share PDF Report with Municipality's Governing Body.

Press the button below to create a PDF. The PDF will be sent to the email address associated with the WAMS ID that is signed in. After the annual report has been approved by the governing body, you will have to come back to the MS4 eReporting system to submit the report to the DNR.

[Draft and Share PDF Report with Municipality's Governing Body](#)

Sign and Submit Your Application

Steps to Complete the signature process

1. Read and Accept the Terms and Conditions
2. Press the Submit and Send to the DNR button

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Terms and Conditions

Certification: I hereby certify that I am an authorized representative of the municipality covered under Neenah, City MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal 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.

Signee (must check current role prior to accepting terms and conditions)

- Authorized municipal contact using WAMS ID.
- Delegation of Signature Authority (Form 3500-123) for agent signing on the behalf of the authorized municipal contact.
- Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

Authorized Signature.

- I accept the above terms and conditions.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.

**CITY OF NEENAH
STORMWATER MANAGEMENT PLAN**

TSS Cost/LB Ranking	TSS (lbs)				TP (lbs)				TP Cost/LB Ranking	Capital & 20 year O & M Costs	Activity Year	Proposed BMP	Alt. 1	Alt. 2	Alt. 3	Comments
	Fox River Reduction	Neenah Slough Reduction	Lake Winn. Reduction	Total Cumulative Reduction	Fox River Reduction	Neenah Slough Reduction	Lake Winn. Reduction	Total Cumulative Reduction								
	35,040	251,214	0	286,254	70.0	474.0		544.0				2012 Existing BMPs				
91		334		286,588		1.0		545.0	89	\$70,449		2012 Existing BMPs with High Efficiency Street	X	X	X	
		493		287,081				545.0				Bluebird Court Pond				
	22			287,103		0.5		545.5				Menasha Packaging (Gillingham Rd)				Verify agreement was filed with County.
		262		287,365	0.6			546.1				Affinity Health Clinic Biofilter				SLAM model for TP needed
		637		288,002		1.2		547.3				Directions Biofilter				SLAM model for TP needed
		40		288,042		0.1		547.4				Festival Biofilter				Verify agreement was filed with County.
		116		288,158		0.2		547.6				CVS Stormceptor				Verify agreement was filed with County.
59		1,884		290,042		3.9		551.5	70	\$131,468		Winnebago Credit Union Biofilter				Verify agreement was filed with County.
71		1,128		291,170		2.8		554.3	71	\$107,455		Bridgewood Pond				Verify agreement was filed with County.
74		1,153		292,323		3.0		557.3	72	\$113,260		Bridgewood Condos Pond #1				Verify agreement was filed with County.
				292,323	0.3			557.6				Bridgewood Condos Pond #2				Verify agreement was filed with County.
		2,451		294,774		4.0		561.6		\$2,000		Doty Park Rain Garden				Need New SLAM model
		59,719		354,493		69.4		631.0		\$413,240	2018	Woodside Green Estates Pond				Maintenance Agreement
		150		354,643		1.0		632.0		\$15,000	2018	Commerce Court Pond Expansion & Storm Sewer				Need New SLAM model with storage devices included
				354,643		1.0		633.0		\$4,000	2018	Green Meadows Biofilter				Need New SLAM model
				354,943	1.0			634.0		\$4,000	2018	Washington Park Biofilter				Need New SLAM model
		193		355,136		1.0		635.0		\$2,000	2019	Gateway Parking Lot Biofilter				Need New SLAM model
5		1,428		356,564		3.0		638.0		\$30,889	2019	Western Ave Substation Biofilter				Maintenance Agreement, SLAM for TP
15		41,441		398,005		85.9		723.9	19	\$1,231,154	2019	Western Ave Townhouses Pond				Maintenance Agreement, SLAM for TP
10		2,473		400,478		2.0		725.9		\$67,134	2019	Harrison North Pond	X	X	X	Need land from Foundry
		729		401,207		1.0		726.9		\$2,000	2020	Wal-mart Pond			X	Maintenance Agreement
6		40,919		442,126		8.3		735.2	52	\$201,937	2020	Galloway Biofilters				SLAM model for TP needed
				442,126		1.0		736.2			2020	Neenah Foundry Pond (Existing)				Need to evaluate TP removal with SLAM, Maint. Agreement/Foundry Payment
16				442,126		0.3		736.5		\$5,000	2020	Neenah Foundry Parking Lot Biofilter				Maintenance Agreement
50		1,573		443,699		4.4		740.9	41	\$90,766	2021	Neenah Foundry MH Filter				Maintenance Agreement
		250		443,949		1.0		741.9			2021	VNA Pond - Lyon Dr			X	Maintenance Agreement
1		8,231		452,180		10.0		751.9		\$131,076	2021	Fairview Biofilter				Need New SLAM model
7		7,227		459,407		19.0		770.9	39	\$380,437	2022	Bergstrom Road Pond (Dayton Freight)	X	X	X	Maintenance Agreement
				489,407	55.0			825.9		\$557,000	2023	Menasha Corp Pond	X	X	X	Maintenance Agreement
		1,327		490,734				825.9		\$2,000	2024	Winneconne - Monroe Overpass Pond				Need for Sherry St diversion (expands Harrison North pond) Need SLAM
		919		491,653				825.9		\$2,000	2024	Menasha Packaging Pond (Gillingham Rd)				Maintenance Agreement
		7,124		498,777		24.0		849.9		\$2,000	2024	Muti Storage Pond (Bergstrom Rd)				Maintenance Agreement
				498,777				849.9		\$250,000	2025	Pendleton Park Pond				Maintenance Agreement
8		7,511		506,288		22.1		872.0	1	\$189,803	2026	Sherry storm redirect to North Harrison pond				Treat runoff from Fox River
9	8,810	8,810		523,908	23.0	23.0		918.0	5	\$500,000	2027	Baldwin Park Pond	X	X	X	Park Approval, Previous dump site
				523,908				918.0			2027	Douglas Park Pond (Orig. Est. \$239,156)	X	X	X	Park Approval / Coordinate with Commercial Street construction
32			4,255	528,163				918.0		\$177,134	2029	Douglas Park Pond (Orig. Est. \$239,156)				Need New SLAM model - Add area to north - May move up with parking lot reconstruct
4		55,461		583,624		124.7		1,042.7	4	\$1,187,071	2030	Boat Ramp Pond (Pool Pond)				Need New SLAM model - Add area to north - May move up with parking lot reconstruct
		1,500		585,124				1,042.7		\$120,000	2031	Neenah Foundry Pond Modification (Brooks)	X	X	X	Modify or additional pond
20		8,077		593,201		22.4		1,065.1	8	\$253,510	2033	Downtown Storm Detention				SLAM model needed
12	18,538			611,739	43.5			1,108.6	11	\$750,000	2035	Gillingham & Cecil Pond				Need DOT property
21	9,235			620,974	24.2			1,132.8	12	\$298,687	2036	Island Park Pond (original cost est. \$530,698)	X	X	X	Park Approval
17		33,463		654,437		80.2		1,213.0	13	\$1,028,895	2037	Theda Pond/Bio Filter				Contaminated?, Reduce flooding on Harrison
31	5,563			660,000	11.9			1,224.9	30	\$217,134	2038	Breezewood Pond	X	X	X	RR owns land between tracks very hard to acquire land
Total	109,258	546,487	4,255	660,000	229.5	994.4	1.0	1,224.9				Cook Park Pond				
Required Reduction to meet TMDL	104,069	521,383	0	625,452	76	636	0	712				Allocations for the Upper Fox - Wolf TMDL have not been established yet. More projects will likely be needed in the Lake Winnebago drainage basin.				
	Fox River Reduction	Neenah Slough Reduction	Lake Winn. Reduction	Total Reduction	Fox River Reduction	Neenah Slough Reduction	Lake Winn. Reduction	Total Reduction				The City currently collects leaves according to guidance. Leaf collection phosphorous reduction has not been calculated yet and is not included in the current reductions.				
	144,413	439,439	0	583,852	213.0	959.0	0.0	1,172.0				LFR TMDL Red. Goals				

Alternate Projects

35		8,728				25.8			24	\$393,827		Carpenter Preserve Pond				Park now or School property
69	2,408					5.8		5.8	69	\$199,546		WE Pond Abbey Ave North			X	Contamination?
3		22,492				47.3			3	\$446,076		PW Cecil Pond	X	X	X	Requires removal of Cecil St Garage, redesign, new SLAM
												Harrison Apartments Pond Modification				
2		44,395				100.7			2	\$744,600		Georgia Pacific Pond	X	X	X	Land needed from Georgia Pacific
		20,000				50.0						Harn's Barn Pond (Georgia Pacific Alternate)				Need new SLAM model
86		393				0.7			90			US Army Pond #1 (W)				Existing Pond - US Army guy said they would not sign Maint. Agreement
82		366				0.5			91			US Army Pond #2 (E)				Existing Pond - US Army guy said they would not sign Maint. Agreement
19		23,118				42.1			35	\$720,000		Harrison South Pond			X	Contaminated?, Reduce flooding on Harrison
18		11,274				24.3			20	\$349,711		Taft Pond	X		X	School - not likely to want pond on school property.
												Hoover Pond				School - not likely to want pond on school property.
												Roosevelt Pond				School - not likely to want pond on school property.
14		8,571				19.1			15			St. Gabriel Pond			X	School, would help flooding down stream
52	27,001					69.0			49	\$1,589,065		Smith St Pond			X	Requires 10 houses to acquire
11	40,647					99.3			7	\$1,121,532		Arrowhead Park Pond	X	X		RR owns land between tracks very hard to acquire land
81	2,332					4.9			81	\$254,012		Abby Ave Pond South			X	
	3,982											Wrase Pond			X	
												Cecil St Storm Detention				
												Golf course Byrd Pond				

Not likely to be constructed
Ponds proposed on park property
Ponds with issues, low likelihood they would be feasible

Stormwater Management Plan

CITY-WIDE STORMWATER QUALITY MANAGEMENT PLAN

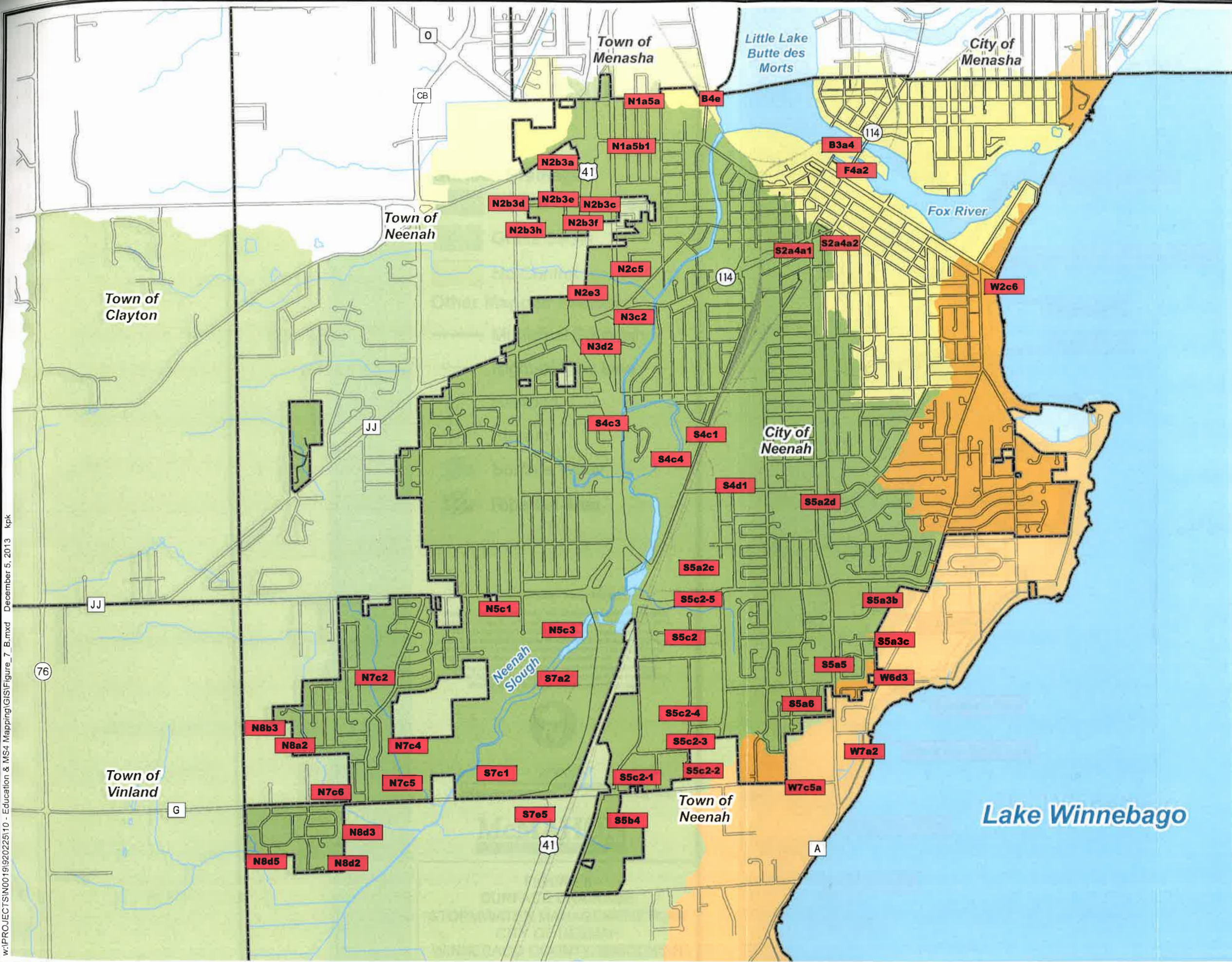
Prepared For The
CITY OF NEENAH
WINNEBAGO COUNTY, WISCONSIN



December 16, 2013
NAV

McMAHON
ENGINEERS ARCHITECTS

1445 MCMAHON DRIVE | P.O. BOX 1025 - NEENAH, WI 54957-1025
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- F4a2** Structural BMP ID
- Sub-Watersheds**
 - Fox River
 - Lake Winnebago
 - Neenah Slough
- Other Mapped Features**
 - Municipal Boundary
 - Right-of-Way
 - Railroad
 - Stream
 - Surface Water

Source: Winnebago County, 2009-13.

Disclaimer: The property lines, right-of-way lines, and other property information on this drawing were developed or obtained as part of the County Geographic Information System or through the County property tax mapping function. McMAHON does not guarantee this information to be correct, current, or complete. The property and right-of-way information are only intended for use as a general reference and are not intended or suitable for site-specific uses. Any use to the contrary of the above stated uses is the responsibility of the user and such use is at the user's own risk.

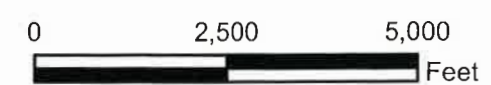


FIGURE 7
STRUCTURAL BMPS
STORMWATER MANAGEMENT PLAN
CITY OF NEENAH
WINNEBAGO COUNTY, WISCONSIN

W:\PROJECTS\191920225110 - Education & MS4 Mapping\GIS\Figure_7_B.mxd December 5, 2013 kpk

BMP COST EFFECTIVENESS SUMMARY

BMP ID	Sub-Watershed	BMP Drainage System Areas	BMP Name	Total Suspended Solids (TSS)							Total Phosphorus (TP)					Wet Detention Pond/Other BMP Cost											
				Area (acres)	Before Drainage System (lbs)	After Drainage System (lbs)	PBMP TSS Removal %	After Outfall Controls (lbs)	Total Load Reduction (lbs)	Net Gain* (lbs)	Before Drainage System (lbs)	After Drainage System (lbs)	PBMP TP Removal %	After Outfall Controls (lbs)	Total Load Reduction (lbs)	Net Gain* (lbs)	Water Surface Area (acres)	Biofilter Size (SF)	Estimated Capital Costs	Average Annual O&M Costs For 20 Years	Average Annual O&M Costs Over 20 Years	Capital & Average Annual O&M Costs Over 20 Years	Average Annual TSS Net Gain Over 20 Years (lbs)	Average Annual Total Cost (\$/lbs)	TSS Rank	Average Annual TP Net Gain Over 20 Years (lbs)	Average Annual Total Cost (\$/lbs)
E-BMP-S7c1	Neenah Slough	E-BMP-S7c1	Bergstrom Pond (Dayton Freight)	23.94	9,347	9,347	88%	1,116	8,231	8,231	14.4	14.4	50%	7.1	7.3	7.3	1.09	\$5,000	\$6,304	\$126,076	\$131,076	164,617	\$0.80	1	145.29	\$902.19	29
S4a2	Neenah Slough	S4a1, S4a2	Georgia Pacific Pond	244.80	70,707	63,535	73%	19,140	51,567	44,395	189.4	174.8	53%	88.6	100.7	86.2	1.72	\$570,000	\$8,730	\$174,600	\$744,600	887,899	\$0.84	2	1,723.74	\$431.97	2
S3d2	Neenah Slough	S3d2a, S3d2b1, S3d2b2, S3d2b3, S3d2c	PW Cecil Pond	112.83	34,943	29,984	79%	7,492	27,451	22,492	98.7	88.9	58%	41.6	57.1	47.3	1.09	\$320,000	\$6,304	\$126,076	\$446,076	449,845	\$0.99	3	946.57	\$471.26	3
S5a2f	Neenah Slough	E-BMP-S5a2c, E-BMP-S5a2d, S4e1, S5a1a, S5a2c, S5a2f	Neenah Foundry Pond Modification	345.87	89,212	76,996	76%	21,536	67,676	55,461	274.7	249.7	54%	125.0	149.7	124.7	3.18	\$900,000	\$14,354	\$287,071	\$1,187,071	1,109,215	\$1.07	4	2,494.85	\$475.81	4
E-BMP-N1a5a	Neenah Slough	E-BMP-N1a5a	Western Townhomes Pond	5.32	2,028	2,028	70%	600	1,428	1,428	3.3	3.3	49%	1.7	1.6	1.6	0.10	\$5,000	\$1,294	\$25,889	\$30,889	28,552	\$1.08	5	32.20	\$959.29	37
E-BMP-S5a2c	Neenah Slough	E-BMP-S5a2c	Neenah Foundry Pond	29.44	10,872	10,413	82%	1,917	8,955	8,496	17.7	17.2	50%	8.9	8.9	8.3	2.01	\$5,000	\$9,847	\$196,537	\$201,937	169,920	\$1.19	6	166.59	\$1,212.15	52
S7b3	Neenah Slough	S7b3	Menasha Corp. Pond	46.24	18,423	18,423	83%	3,182	15,241	15,241	32.0	32.0	59%	13.0	19.0	19.0	0.88	\$270,000	\$5,522	\$110,437	\$380,437	304,819	\$1.25	7	380.04	\$1,001.03	39
S3c3	Neenah Slough	S3c3	Baldwin Park Pond	64.72	13,125	10,770	75%	3,259	9,866	7,511	50.5	45.1	55%	22.9	27.5	22.1	0.32	\$120,000	\$3,490	\$69,803	\$189,803	150,219	\$1.26	8	442.63	\$428.80	1
S2a4c	Neenah Slough	E-BMP-S2a4a1, E-BMP-S2a4a2, S2a1a, S2a1b, S2a3d, S2a4c, S3d2a	Douglas Pond	100.98	28,539	23,408	80%	5,788	22,751	17,621	92.1	83.1	60%	37.2	54.9	46.0	1.18	\$350,000	\$6,650	\$133,008	\$483,008	352,416	\$1.37	9	919.01	\$525.57	5
E-BMP-N2e3	Neenah Slough	E-BMP-N2e3	Wal-mart Pond	10.17	3,289	3,261	75%	816	2,473	2,445	7.6	7.5	56%	3.3	4.3	4.2	0.24	\$5,000	\$3,107	\$62,114	\$67,134	48,900	\$1.37	10	84.75	\$792.18	25
B3a8a-R	Fox River	B3a1f, B3a2a, B3a2c, B3a4c, B3a5a, B3a5b, B3a6b, B3a7b	Arrowhead Park Pond	242.51	71,170	59,578	73%	18,931	52,239	40,647	221.7	198.9	55%	99.6	122.1	99.3	1.81	\$940,000	\$9,077	\$181,532	\$1,121,532	812,943	\$1.38	11	1,985.35	\$564.90	7
F2g	Fox River	F1a1, F2g1, F2f, F2j5	Island Pond	94.18	29,665	24,676	79%	6,138	23,527	18,538	87.6	78.6	60%	35.0	52.6	43.5	1.15	\$400,000	\$6,535	\$130,698	\$530,698	370,766	\$1.43	12	870.87	\$609.39	11
S4a1	Neenah Slough	S4a1, S4d2	KC Marathon Pond	180.19	45,297	37,553	80%	9,200	36,097	28,353	152.7	137.1	60%	61.4	91.3	75.7	1.98	\$625,000	\$9,731	\$194,626	\$819,626	567,054	\$1.45	13	1,513.94	\$541.39	6
N2a3a	Neenah Slough	N2a3a	St. Gabriel Pond	41.94	13,857	11,788	77%	3,218	10,639	8,571	38.4	34.6	60%	15.5	22.9	19.1	0.31	\$185,000	\$3,454	\$69,077	\$254,077	171,412	\$1.48	14	382.69	\$663.92	15
S2b2	Neenah Slough	E-BMP-S2a4a1, E-BMP-S2a4a2, S2a1a, S2a1b, S2a3d, S2a4c, S2a4d, S2a4e, S2a4f, S2a4g, S2b1	Harrison North Pond	217.26	68,175	58,873	74%	17,432	50,743	41,441	186.8	171.3	54%	85.5	101.3	85.9	1.87	\$1,045,000	\$9,308	\$186,154	\$1,231,154	828,816	\$1.49	15	1,717.93	\$716.65	19
E-BMP-S4d1	Neenah Slough	E-BMP-S4d1	Neenah Foundry Device	4.35	1,962	1,835	15%	1,668	294	168	3.2	3.0	13%	2.8	0.4	0.3		\$5,000	\$0	\$0	\$5,000	3,352	\$1.49	16	5.33	\$937.67	34
N5a4	Neenah Slough	N5a3, N5a4	Breezewood Pond	193.08	51,553	43,815	80%	10,352	41,201	33,463	163.5	147.4	59%	67.2	96.3	80.2	2.36	\$805,000	\$11,195	\$223,895	\$1,028,895	669,262	\$1.54	17	1,603.89	\$641.50	13
N1a4	Neenah Slough	N1a4	Taft Pond	47.21	18,327	14,852	80%	3,577	14,749	11,274	48.1	41.6	64%	17.3	30.8	24.3	0.87	\$240,000	\$5,486	\$109,711	\$349,711	225,486	\$1.55	18	486.33	\$719.09	20
S2b1	Neenah Slough	S2b1	Harrison South Pond	92.21	30,804	28,303	83%	5,184	25,619	23,118	69.2	64.9	61%	27.1	42.1	37.8	1.79	\$540,000	\$9,000	\$179,992	\$719,992	462,366	\$1.56	19	756.20	\$952.12	35
N4a5a	Neenah Slough	N4a5a	Gillingham Pond	56.34	13,387	10,893	79%	2,815	10,572	8,077	48.3	42.6	58%	20.2	28.0	22.4	0.44	\$175,000	\$3,926	\$78,510	\$253,510	161,546	\$1.57	20	447.01	\$567.12	8
F2d	Fox River	F2d	Theda Pond	49.53	14,283	12,346	78%	3,111	11,172	9,235	46.2	42.4	61%	18.1	28.1	24.2	0.47	\$218,000	\$4,034	\$80,687	\$298,687	184,705	\$1.62	21	484.94	\$615.93	12
B3a8a	Fox River	B3a1f, B3a2a, B3a2c, B3a4c	Arrowhead Pond	242.51	71,170	59,578	78%	15,835	55,334	43,743	221.7	198.9	59%	91.3	130.4	107.6	2.35	\$1,200,000	\$11,156	\$223,125	\$1,423,125	874,861	\$1.63	22	2,151.19	\$661.55	14
F3c	Fox River	F3c, F3d2, F3d3, F3e1	Riverside Pond	172.84	40,321	33,573	79%	8,411	31,910	25,162	143.8	129.0	59%	59.7	84.2	69.4	1.50	\$665,000	\$7,883	\$157,656	\$822,656	503,244	\$1.63	23	1,387.54	\$592.89	9
S2a1	Neenah Slough	S2a1a, S2a1b	Douglas Park Pond	48.30	11,728	9,703	78%	2,611	9,117	7,092	41.6	37.9	57%	17.9	23.7	20.0	0.38	\$165,000	\$3,708	\$74,136	\$239,136	141,840	\$1.69	24	399.20	\$599.08	10
S5a2e-R	Neenah Slough	S4a1, S4d2	KC Pond (2)	468.63	114,601	95,936	76%	27,940	86,661	67,996	390.0	351.3	56%	171.3	218.7	180.1	4.11	\$2,035,000	\$17,940	\$358,793	\$2,393,793	1,359,916	\$1.76	25	3,601.16	\$664.73	16
B3a5b-R	Fox River	B3a5a, B3a5b	Washington Elementary Pond	40.09	11,724	9,806	77%	2,639	9,085	7,167	38.3	34.3	59%	15.9	22.4	18.4	0.28	\$190,000	\$3,345	\$66,910	\$256,910	143,344	\$1.79	26	368.50	\$697.15	17
S5a2e-R2	Neenah Slough	E-BMP-S5a2d, S5a1a, S5a2c, S4a1, S4d2, S4d3	KC Pond (3)	495.08	125,403	105,628	75%	30,949	94,453	74,679	411.8	371.8	56%	182.3	229.5	189.5	4.40	\$2,300,000	\$19,058	\$381,158	\$2,681,158	1,493,580	\$1.80	27	3,790.39	\$707.36	18
N2a3b	Neenah Slough	N2a3a, N2a3b	Sterling Pond	91.18	24,427	20,712	78%	5,462	18,965	15,250	76.4	69.0	59%	31.6	44.8	37.3	0.83	\$460,000	\$5,340	\$106,809	\$566,809	305,008	\$1.86	28	746.85	\$758.94	23
S7c2	Neenah Slough	S7c2	Menasha Corp. Division Pond	25.32	8,695	8,695	83%	1,468	7,227	7,227	15.8	15.8	60%	6.3	9.4	9.4	0.48	\$190,000	\$4,071	\$81,433	\$271,413	144,543	\$1.88	29	188.25	\$1,441.80	61
S5a2c	Neenah Slough	E-BMP-S5a2d, S5a1a, S5a2c	KC Pond (1)	288.44	69,304	58,383	79%	14,852	54,452	43,531	237.3	214.2	59%	98.2	139.1	116.0	3.20	\$1,385,000	\$14,431	\$288,613	\$1,673,613	870,623	\$1.92	30	2,320.10	\$721.35	21
B2b2	Fox River	B2b2	Cook Park Pond	24.23	8,624	7,198	81%	1,635	6,989	5,563	23.7	21.1	61%	9.2	14.5	11.9	0.24	\$155,000	\$3,107	\$62,114	\$177,134	111,252	\$1.95	31	238.28	\$911.25	30
W2d1	Winnebago	W2d1	Pool Pond	29.74	6,800	5,445	83%	1,190	5,610	4,255	25.2	22.1	61%	9.8	15.3	12.2	0.24	\$115,000	\$3,107	\$62,114	\$177,134	85,093	\$2.08	32	244.68	\$723.94	32
B3a5b	Fox River	B3a5a, B3a5b	Walnut Pond	40.09	11,724	9,806	81%	2,222	9,503	7,585	38.3	34.3	62%	14.7	23.6	19.6	0.55	\$235,000	\$4,325	\$86,492	\$321,492	151,691	\$2.12	33	392.27	\$819.57	26
E-BMP-S7a2	Neenah Slough	E-BMP-S7a2	Bergstrom Mini Warehouse Pond	2.92	1,108	1,108	83%	188	919	919	1.7	1.7	50%	0.9	0.9	0.9	0.14	\$5,000	\$1,812	\$36,245	\$41,245	18,385	\$2.24	34	17.23	\$2,394.36	79
N7a4	Neenah Slough	N7a4	Carpenter Preserve Pond	66.88	13,531	11,028	83%	2,300	11,231	8,728	52.1	46.4	61%	20.6	31.6	25.8	0.72	\$295,000	\$4,941	\$98,827	\$393,827	174,559	\$2.26	35	515.81	\$763.51	24
S5d1a	Neenah Slough	S5d1a	Neenah Industrial Park Pond	29.73	5,381	5,381	79%	1,114	4,267	4,267	15.7	15.7	57%	6.8	8.9	8.9	0.53	\$115,000	\$4,252	\$85,041	\$200,041	85,339	\$2.34	36	178.79	\$1,118.88	46
N3c	Neenah Slough	E-BMP-N3c2, N3c	King Pond	19.73	10,500	8,117	76%	2,564	7,936	5,553	23.9	20.7	57%	10.2	13.7	10.5	0.28	\$200,000	\$3,345	\$66,910	\$266,910	111,065	\$2.40	37	209.52	\$1,273.85	55
S1f	Neenah Slough	S1f	Sherry Pond	49.61	14,448	12,001	72%	4,019																			

BMP COST EFFECTIVENESS SUMMARY

BMP ID	Sub-Watershed	BMP Drainage System Areas	BMP Name	Total Suspended Solids (TSS)						Total Phosphorus (TP)						Wet Detention Pond/Other BMP Cost											
				Area (acres)	Before Drainage System (lbs)	After Drainage System (lbs)	PBMP TSS Removal %	After Outfall Controls (lbs)	Total Load Reduction (lbs)	Net Gain* (lbs)	Before Drainage System (lbs)	After Drainage System (lbs)	PBMP TP Removal %	After Outfall Controls (lbs)	Total Load Reduction (lbs)	Net Gain* (lbs)	Water Surface Area (acres)	Biofilter Size (SF)	Estimated Capital Costs	Average Annual O&M Costs For 2012	Average Annual O&M Costs Over 20 Years	Capital & Average Annual O&M Costs Over 20 Years	Average Annual TSS Net Gain Over 20 Years (lbs)	Average Annual Total Cost (\$/lb)	TSS Rank	Average Annual TP Net Gain Over 20 Years (lbs)	Average Annual Total Cost (\$/lb)
B3a7b-R	Fox River	B3a1b, B3a1f, B3a1d, B3a2a, B3a2c, B3a5a, B3a5b, B3a6b	Smith St. Pond	183.67	52,311	43,500	68%	16,499	35,812	27,001	171.0	152.8	51%	83.8	87.2	69.0	0.93	\$1,475,000	\$5,703	\$114,065	\$1,589,065	540,019	\$2.94	52	1,380.19	\$1,151.34	49
N1c1	Neenah Slough	N1c1	Schultz Pond	22.73	4,723	3,905	84%	768	3,956	3,137	18.1	16.3	62%	6.9	11.3	9.4	0.23	\$130,000	\$2,977	\$59,546	\$189,546	62,743	\$3.02	53	187.37	\$1,011.60	40
W2c4	Winnebago	W2c4	Quarry Park Pond	34.52	7,305	6,461	80%	1,432	5,873	5,029	27.2	25.2	59%	11.2	16.0	14.0	0.30	\$250,000	\$3,418	\$68,351	\$318,351	100,585	\$3.17	54	280.82	\$1,133.64	47
S3d2c	Neenah Slough	S3d2c	Cecil Garage Pond	28.92	8,742	7,799	83%	1,483	7,258	6,316	22.9	20.8	61%	9.0	13.9	11.7	0.37	\$330,000	\$3,672	\$73,431	\$403,431	126,310	\$3.19	55	234.93	\$1,717.21	68
N1a7	Neenah Slough	N1a7	Eggers Pond	20.88	7,662	7,406	78%	1,693	5,969	5,713	13.2	12.9	49%	6.7	6.5	6.2	0.42	\$290,000	\$3,853	\$77,059	\$367,059	114,252	\$3.21	56	124.69	\$2,943.88	84
S2a1a-R	Neenah Slough	S2a1a, B3a1b, B3a2a	Laudan Pond	53.20	12,102	10,042	82%	2,239	9,863	7,803	44.6	39.9	60%	17.7	26.9	22.2	0.57	\$430,000	\$4,397	\$87,943	\$517,943	156,064	\$3.32	57	444.17	\$1,166.08	50
S6a2	Neenah Slough	S5d1a, S6a2	Bell Pond	38.53	8,622	8,622	83%	1,449	7,173	7,173	25.9	25.9	60%	10.5	15.4	15.4	1.67	\$307,000	\$8,537	\$170,749	\$477,749	143,457	\$3.33	58	308.84	\$1,546.92	63
E-BMP-S4c1	Neenah Slough	E-BMP-S4c1	Bridgewood Golf Estates Pond	15.61	2,930	2,650	74%	766	2,163	1,884	10.2	9.5	45%	5.6	4.5	3.9	1.16	\$5,000	\$6,573	\$131,468	\$136,468	37,688	\$3.62	59	77.71	\$1,756.18	70
F3a	Fox River	F3a	Kimberly Point Pond	9.89	2,077	1,660	88%	246	1,832	1,414	7.9	6.9	64%	2.8	5.1	4.1	0.11	\$75,000	\$1,424	\$28,478	\$103,478	28,280	\$3.66	60	82.45	\$1,255.07	53
N4c2	Neenah Slough	N4c2	MTS Corporation Pond	74.01	18,801	16,631	80%	3,692	15,108	12,938	65.1	60.5	61%	25.3	39.8	35.2	0.90	\$850,000	\$5,594	\$111,888	\$961,888	258,762	\$3.72	61	703.70	\$1,366.90	58
W4d	Winnebago	W4a1, W4d	Yorkshire Pond	78.26	17,316	13,829	81%	3,297	14,019	10,532	64.3	56.2	59%	26.5	37.8	29.7	0.82	\$680,000	\$5,304	\$106,083	\$786,083	210,632	\$3.73	62	594.23	\$1,322.86	56
F1a	Fox River	F1a, F1a1	Nicolet Pond	43.70	12,707	10,558	76%	3,004	9,703	7,554	41.6	37.1	57%	17.7	23.9	19.4	0.32	\$520,000	\$3,490	\$69,803	\$589,803	151,085	\$3.90	63	388.40	\$1,518.55	62
S3d2c-R	Neenah Slough	S3d2c	Cecil Garage Pond 2	28.92	8,742	7,799	84%	1,412	7,330	6,387	22.9	20.8	61%	8.9	14.0	11.9	0.43	\$430,000	\$3,889	\$77,784	\$507,784	127,744	\$3.98	64	238.14	\$2,132.31	76
N4b4	Neenah Slough	N4b4	Memorial Pond	56.72	4,474	4,474	79%	952	3,522	3,522	23.6	23.6	56%	10.3	13.3	13.3	0.34	\$210,000	\$3,563	\$71,254	\$281,254	70,435	\$3.99	65	266.82	\$1,054.10	42
S5a1a	Neenah Slough	S5a1a	Miller Park Pond	19.31	3,932	3,198	88%	454	3,478	2,743	15.1	13.5	66%	5.2	10.0	8.3	0.25	\$155,000	\$3,236	\$64,723	\$219,723	54,869	\$4.00	66	165.19	\$1,330.13	57
W3b1	Winnebago	W3b1	Wilderness Park Pond	11.21	2,474	2,079	89%	264	2,210	1,816	9.0	8.1	68%	2.9	6.1	5.1	0.21	\$92,000	\$2,718	\$54,368	\$146,368	36,314	\$4.03	67	102.97	\$1,421.42	60
S2b3	Neenah Slough	S2b3	Washington Park Pond	22.91	4,328	3,362	85%	667	3,661	2,695	17.2	15.7	60%	6.9	10.3	8.8	0.24	\$160,000	\$3,107	\$62,134	\$222,134	53,907	\$4.12	68	176.22	\$1,260.58	54
B2d	Fox River	B2d	WE Pond <i>North side</i>	13.38	3,899	3,336	76%	929	2,970	2,408	12.6	11.4	56%	5.6	7.0	5.8	0.23	\$140,000	\$2,977	\$59,546	\$199,546	48,154	\$4.14	69	115.73	\$1,724.24	69
N3d6	Neenah Slough	N3d6	Cecil Pond	11.87	2,679	2,077	81%	504	2,175	1,573	9.7	8.1	59%	4.0	5.8	4.1	0.15	\$96,000	\$1,942	\$38,834	\$134,834	31,458	\$4.29	70	82.66	\$1,631.21	65
E-BMP-S4c3	Neenah Slough	E-BMP-S4c3	Bridgewood Condos Pond #1 (W)	8.14	1,735	1,476	80%	347	1,388	1,128	6.2	5.6	55%	2.8	3.4	2.8	0.77	\$5,000	\$5,123	\$102,455	\$107,455	22,570	\$4.76	71	56.91	\$1,888.24	71
S3a	Neenah Slough	S3a, S3c3	Reddin Pond	73.22	14,926	12,155	82%	2,758	12,168	9,396	57.1	51.2	60%	23.1	34.0	28.1	0.76	\$805,000	\$5,086	\$101,730	\$906,730	187,930	\$4.82	72	561.85	\$1,613.84	64
N41	Neenah Slough	N41	Jewelers Pond	17.95	4,906	4,906	82%	885	4,021	4,021	12.5	12.5	68%	4.0	8.4	8.4	0.35	\$320,000	\$3,599	\$71,980	\$391,980	80,429	\$4.87	73	168.81	\$2,322.00	78
E-BMP-S4c4	Neenah Slough	E-BMP-S4c4	Bridgewood Condos Pond #2 (E)	8.12	1,780	1,509	80%	356	1,424	1,153	6.6	5.9	55%	2.9	3.6	3.0	0.85	\$5,000	\$5,413	\$108,260	\$113,260	23,059	\$4.91	74	59.63	\$1,899.43	72
W3b2g	Winnebago	W3b2c, W3b2g	Peace Lutheran Pond	117.53	21,945	18,423	80%	4,455	17,490	13,969	86.2	78.1	59%	35.7	50.5	42.4	0.89	\$1,300,000	\$5,558	\$111,163	\$1,411,163	279,371	\$5.05	75	848.10	\$1,663.91	66
W3c1	Winnebago	W3b2c, W3b2g, W3c1	Bayview Pond	139.15	26,487	22,042	77%	5,989	20,498	16,053	103.6	93.4	56%	45.1	58.5	48.3	0.93	\$1,510,000	\$5,703	\$114,065	\$1,624,065	321,064	\$5.06	76	966.33	\$1,680.66	67
B2a	Fox River	B2a	Abby Pond	9.30	3,319	2,838	85%	506	2,813	2,332	9.2	8.3	63%	3.4	5.8	4.9	0.17	\$210,000	\$2,201	\$44,012	\$254,012	46,634	\$5.45	77	97.39	\$2,608.19	81
F3b	Fox River	F3b	Wheeler Pond	5.41	1,144	898	90%	118	1,026	780	4.4	3.8	64%	1.6	2.8	2.2	0.07	\$75,000	\$906	\$18,123	\$93,123	15,606	\$5.97	78	44.57	\$2,089.38	75
N4b2b	Neenah Slough	N4b2b, N4b2c, N4b3, N4b4, N4b5	Memorial Park Pond (2)	224.70	43,813	36,217	77%	10,252	33,561	25,965	163.1	147.6	53%	77.2	85.9	70.5	4.23	\$2,745,000	\$18,402	\$368,048	\$3,113,048	519,297	\$5.99	79	1,409.04	\$2,209.34	77
W3b2c	Winnebago	W3b2c	Peace Pond	45.43	7,831	6,679	82%	1,414	6,418	5,265	31.6	29.0	60%	12.5	19.1	16.5	0.50	\$555,000	\$4,143	\$82,864	\$637,864	105,308	\$6.06	80	329.60	\$1,935.24	74
E-BMP-N3c2	Neenah Slough	E-BMP-N3c2	CVS Stormceptor Device	0.80	288	286	15%	245	43	40	0.6	0.6	13%	0.5	0.1	0.1		\$5,000	\$0	\$0	\$5,000	810	\$6.18	81	1.54	\$3,236.57	88
E-BMP-N2b3f	Neenah Slough	E-BMP-N2b3f	US Army Pond #2 (E)	2.50	692	505	80%	138	553	366	1.8	1.3	55%	0.8	1.0	0.5	0.16	\$5,000	\$2,071	\$41,423	\$46,423	7,325	\$6.34	82	9.92	\$4,679.64	91
E-BMP-W7a2	Winnebago	E-BMP-W7a2	Herzinger Pond	8.20	1,673	1,159	83%	282	1,391	877	6.5	5.3	57%	2.8	3.7	2.5	0.96	\$5,000	\$5,812	\$116,242	\$121,242	17,537	\$6.91	83	49.47	\$2,451.05	80
W1b1	Winnebago	W1b1	Kittiver Pond	12.44	2,075	1,332	82%	375	1,701	957	8.5	5.5	60%	3.4	5.1	2.1	0.12	\$102,000	\$1,553	\$31,067	\$133,067	19,140	\$6.95	84	41.49	\$3,207.17	87
F2b	Fox River	F2b	Grant Pond	6.38	1,518	1,137	88%	181	1,338	957	5.6	4.5	65%	1.9	3.6	2.6	0.14	\$100,000	\$1,812	\$36,245	\$136,245	19,135	\$7.12	85	51.38	\$2,651.59	82
E-BMP-N2b3h	Neenah Slough	E-BMP-N2b3h	US Army Pond #1 (W)	4.15	742	541	80%	148	594	393	2.5	1.8	55%	1.1	1.3	0.7	0.21	\$5,000	\$2,718	\$54,368	\$59,368	7,859	\$7.55	86	13.70	\$4,332.86	90
N4b5	Neenah Slough	N4b5	Briar Pond	15.79	3,799	2,987	89%	416	3,383	2,571	13.7	11.9	66%	4.6	9.1	7.2	0.24	\$327,000	\$3,107	\$62,134	\$389,134	51,420	\$7.57	87	144.60	\$2,691.16	83
N7a1	Neenah Slough	N7a1	Harness Pond	31.34	2,626	2,626	83%	451	2,175	2,175	14.3	14.3	59%	5.8	8.5	8.5	0.23	\$270,000	\$2,977	\$59,546	\$329,546	43,500	\$7.58	88	170.45	\$1,933.43	73
N4b3	Neenah Slough	N4b3, N4b4, N4b5	Memorial Park Pond	161.87	26,632	22,527	79%	5,691	20,940	16,836	107.5	98.0	54%	49.6	57.9	48.4	4.23	\$2,635,000	\$18,402	\$368,048	\$3,003,048	336,712	\$8.92	89	968.86	\$3,099.58	86
S2c1	Neenah Slough	S2c1, S3a	Reddin Court Pond	14.23	3,294	2,627	81%	616	2,678	2,011	12.1	11.0	60%	4.9	7.2	6.1	0.15	\$333,000	\$1,942	\$38,834	\$371,834	40,217	\$9.25	90	1		

Total Maximum Daily Load and Watershed Management Plan for Total Phosphorus and Total Suspended Solids in the Lower Fox River Basin and Lower Green Bay

Brown, Calumet, Outagamie, and Winnebago Counties,
Wisconsin

March 2012

Prepared for:

Wisconsin Department
of Natural Resources



Oneida Tribe of
Indians of Wisconsin



U.S. Environmental
Protection Agency



Prepared by:

THE
CADMUS
GROUP, INC.

**NEENAH SLOUGH
TOTAL PHOSPHORUS**

Sub-basin Loading Summary (lbs/yr)	
Baseline	11,912
TMDL	5,758
Reduction	6,154
% Reduction Needed	51.7%

Daily TMDL (lbs/day)	15.77
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Land Use	Acres	% of Total
Agriculture	6,302	43.6%
Urban (non-regulated)	1,447	10.0%
Urban (MS4)	5,007	34.6%
Construction	89	0.6%
Natural Background	1,616	11.2%
TOTAL	14,461	100.0%

Sources	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Agriculture	8,015	2,665	5,350	66.7%	7.30
Urban (non-regulated)	572	572	-	-	1.57
Natural Background	173	173	-	-	0.47
LOAD ALLOCATION	8,760	3,410	5,350	61.1%	9.34
Urban (MS4)	2,681	1,877	804	30.0%	5.14
Construction	287	287	-	-	0.79
General Permits	128	128	-	-	0.35
WWTF-Industrial	56	56	-	-	0.15
WWTF-Municipal	-	-	-	-	-
WASTELOAD ALLOCATION	3,152	2,348	804	25.5%	6.43
TOTAL (WLA + LA)	11,912	5,758	6,154	51.7%	15.77

Urban (MS4)	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Neenah	2,121	1,485	636	30.0%	4.07
T_Neenah	560	392	168	30.0%	1.07

WWTF-Industrial	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Galloway Company	56	56	-	-	0.15

**NEENAH SLOUGH
TOTAL SUSPENDED SOLIDS**

Sub-basin Loading Summary (lbs/yr)	
Baseline	4,846,168
TMDL	2,848,353
Reduction	1,997,815
% Reduction Needed	41.2%

Daily TMDL (lbs/day)	7,799
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Land Use	Acres	% of Total
Agriculture	6,302	43.6%
Urban	1,447	10.0%
Urban-MS4	5,007	34.6%
Construction	89	0.6%
Natural Background	1,616	11.2%
TOTAL	14,461	100.0%

Sources	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Agriculture	2,719,043	1,544,583	1,174,460	43.2%	4,229
Urban (non-regulated)	247,820	247,820	-	-	678
Natural Background	23,302	23,302	-	-	64
LOAD ALLOCATION	2,990,165	1,815,705	1,174,460	39.3%	4,971
Urban (MS4)	1,575,942	945,565	630,377	40.0%	2,589
Construction	241,223	48,245	192,978	80.0%	132
General Permits	38,217	38,217	-	-	105
WWTF-Industrial	621	621	-	-	2
WWTF-Municipal	-	-	-	-	-
WASTELOAD ALLOCATION	1,856,003	1,032,648	823,355	44.4%	2,828
TOTAL (WLA + LA)	4,846,168	2,848,353	1,997,815	41.2%	7,799

Urban (MS4)	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Neenah	1,303,458	782,075	521,383	40.0%	2,141
T_Neenah	272,484	163,490	108,994	40.0%	448

WWTF-Industrial	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Galloway Company	621	621	-	-	2

**LOWER FOX RIVER MAINSTEM
TOTAL PHOSPHORUS**

Sub-basin Loading Summary (lbs/yr)	
Baseline	237,339
TMDL	114,263
Reduction	123,076
% Reduction Needed	51.9%

Daily TMDL (lbs/day)	312.83
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Land Use	Acres	% of Total
Agriculture	9,157	17.0%
Urban (non-regulated)	3,183	5.9%
Urban (MS4)	36,779	68.4%
Construction	297	0.6%
Natural Background	4,328	8.1%
TOTAL	53,744	100.0%

Sources	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Agriculture	12,779	3,291	9,488	74.2%	9.01
Urban (non-regulated)	1,618	1,618	-	-	4.43
Natural Background	454	454	-	-	1.24
LOAD ALLOCATION	14,851	5,363	9,488	63.9%	14.68
Urban (MS4)	23,557	16,490	7,067	30.0%	45.15
Construction	1,114	1,114	-	-	3.05
General Permits	275	275	-	-	0.75
WWTF-Industrial	107,245	41,713	65,532	61.1%	114.20
WWTF-Municipal	83,935	42,946	40,989	48.8%	117.58
WWTF Reserve Capacity	6,362	6,362	-	-	17.42
WASTELOAD ALLOCATION	222,488	108,900	113,588	51.1%	298.15
TOTAL (WLA + LA)	237,339	114,263	123,076	51.9%	312.83

Urban (MS4)	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Allouez	579	405.3	173.7	30.0%	1.11
Appleton	5,239	3,667.3	1,571.7	30.0%	10.04
Ashwaubenon	437	305.9	131.1	30.0%	0.84
Buchanan	49	34.3	14.7	30.0%	0.09
CombLocks	217	151.9	65.1	30.0%	0.42
DePere	2,079	1,455.3	623.7	30.0%	3.98
GrandChute	1,085	759.5	325.5	30.0%	2.08
Green Bay	4,637	3,245.9	1,391.1	30.0%	8.89
Greenville	738	516.6	221.4	30.0%	1.41
Harrison	10	7.0	3.0	30.0%	0.02
Howard	3	2.1	0.9	30.0%	0.01
Kaukauna	739	517.3	221.7	30.0%	1.42
Kimberly	830	581.0	249.0	30.0%	1.59
Lawrence	543	380.1	162.9	30.0%	1.04
Ledgeview	151	105.7	45.3	30.0%	0.29
LittleChute	974	681.8	292.2	30.0%	1.87
Menasha	1,638	1,146.6	491.4	30.0%	3.14
Neenah	252	176.4	75.6	30.0%	0.48
T_Menasha	3,163	2,214.1	948.9	30.0%	6.06
T_Neenah	194	135.8	58.2	30.0%	0.37

WWTF-Industrial	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Appleton Coated LLC	9,645	4,174	5,471	56.7%	11.43
Cellu Tissue - Neenah	749	749	-	-	2.05
Fox Energy LLC	570	570	-	-	1.56
Georgia Pacific Consumer Products LP (ex FJGBE)	3,826	3,826	-	-	10.48
Georgia Pacific Consumer Products LP (ex FJGBW)	21,200	6,558	14,642	69.1%	17.95
Green Bay Packaging - Green Bay	629	629	-	-	1.72
Neenah Paper, Inc.	2,499	927	1,572	62.9%	2.54
Menasha Electric & Water Utility	72	72	-	-	0.20
NewPage Wisconsin Systems - Kimberly	20,268	5,648	14,620	72.1%	15.46
Pechiney Plastic Packaging - Menasha 001	1,166	1,166	-	-	3.19
Procter & Gamble	238	238	-	-	0.65
SCA Tissue North America	6,971	3,623	3,348	48.0%	9.92
Schroeder's Greenhouse	36	36	-	-	0.10
Thilmany LLC - DePere	313	313	-	-	0.86
Thilmany LLC - Kaukauna	37,855	11,976	25,879	68.4%	32.79
Wisconsin Public Service Corp., Pulliam	1,208	1,208	-	-	3.31

WWTF-Municipal	Total Phosphorus Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Appleton	13,414	7,556	5,858	43.7%	20.69
GBMSD - De Pere	5,565	4,943	622	11.2%	13.53
Grand Chute - Menasha West	7,730	3,110	4,620	59.8%	8.51
Green Bay MSD	26,059	17,349	8,710	33.4%	47.50
Heart of the Valley	11,509	3,467	8,042	69.9%	9.49
Neenah - Menasha	19,412	6,275	13,137	67.7%	17.18
Wrightstown	246	246	-	-	0.67

**LOWER FOX RIVER MAINSTEM
TOTAL SUSPENDED SOLIDS**

Sub-basin Loading Summary (lbs/yr)	
Baseline	23,980,196
TMDL	11,115,433
Reduction	12,864,763
% Reduction Needed	53.6%

Daily TMDL (lbs/day)	30,432
----------------------	--------

Land Use	Acres	% of Total
Agriculture	9,157	17.0%
Urban	3,183	5.9%
Urban-MS4	36,779	68.4%
Construction	297	0.6%
Natural Background	4,328	8.1%
TOTAL	53,744	100.0%

Sources	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline
	Baseline	Allocated	Reduction	
Agriculture	4,942,324	1,881,910	3,060,414	61.9%
Urban (non-regulated)	475,960	475,960	-	-
Natural Background	128,777	128,777	-	-
LOAD ALLOCATION	5,547,061	2,486,647	3,060,414	55.2%
Urban (MS4)	13,693,558	4,765,188	8,928,370	65.2%
Construction	1,094,974	218,995	875,979	80.0%
General Permits	79,753	79,753	-	-
WWTF-Industrial	2,378,520	2,378,520	-	-
WWTF-Municipal	1,133,351	1,133,351	-	-
WWTF Reserve Capacity	52,979	52,979	-	-
WASTELOAD ALLOCATION	18,433,135	8,628,786	9,804,349	53.2%
TOTAL (WLA + LA)	23,980,196	11,115,433	12,864,763	53.6%

Allocated (lbs/day)
5,152
1,303
353
6,808
13,046
600
218
6,512
3,103
145
23,624
30,432

Urban (MS4)	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline
	Baseline	Allocated	Reduction	
Allouez	285,657	99,405	186,252	65.2%
Appleton	3,030,547	1,054,593	1,975,954	65.2%
Ashwaubenon	299,242	104,132	195,110	65.2%
Buchanan	28,603	9,953	18,650	65.2%
CombLocks	123,837	43,094	80,743	65.2%
DePere	1,102,905	383,797	719,108	65.2%
GrandChute	524,839	182,637	342,202	65.2%
Green Bay	3,084,098	1,073,228	2,010,870	65.2%
Greenville	373,661	130,029	243,632	65.2%
Harrison	7,086	2,466	4,620	65.2%
Howard	2,220	773	1,447	65.2%
Kaukauna	410,816	142,959	267,857	65.2%
Kimberly	535,583	186,376	349,207	65.2%
Lawrence	198,889	69,211	129,678	65.2%
Ledgeview	66,978	23,308	43,670	65.2%
LittleChute	539,026	187,574	351,452	65.2%
Menasha	1,060,370	368,996	691,374	65.2%
Neenah	159,612	55,543	104,069	65.2%
T_Menasha	1,743,480	606,709	1,136,771	65.2%
T_Neenah	116,109	40,404	75,705	65.2%

Allocated (lbs/day)
272
2,887
285
27
118
1,051
500
2,938
356
7
2
391
510
189
64
514
1,010
152
1,661
111

WWTF-Industrial	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline
	Baseline	Allocated	Reduction	
Appleton Coated LLC	249,129	249,129	-	-
Cellu Tissue - Neenah	53,937	53,937	-	-
Fox Energy LLC	5,042	5,042	-	-
Georgia Pacific Consumer Products LP (ex FJGBE)	105,698	105,698	-	-
Georgia Pacific Consumer Products LP (ex FJGBW)	175,717	175,717	-	-
Green Bay Packaging - Green Bay	108,259	108,259	-	-
Neenah Paper, Inc.	81,301	81,301	-	-
Menasha Electric & Water Utility	239	239	-	-
NewPage Wisconsin Systems - Kimberly	111,969	111,969	-	-
Pechiney Plastic Packaging - Menasha 001	3,373	3,373	-	-
Procter & Gamble	155,432	155,432	-	-
SCA Tissue North America	136,023	136,023	-	-
Schroeder's Greenhouse	341	341	-	-
Thilmany LLC - DePere	29,003	29,003	-	-
Thilmany LLC - Kaukauna	1,122,241	1,122,241	-	-
Wisconsin Public Service Corp., Pulliam	40,816	40,816	-	-

Allocated (lbs/day)
682
148
14
289
481
296
223
1
307
9
426
372
1
79
3,073
112

WWTF-Municipal	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline
	Baseline	Allocated	Reduction	
Appleton	169,857	169,857	-	-
GBMSD - De Pere	50,297	50,297	-	-
Grand Chute - Menasha West	225,925	225,925	-	-
Green Bay MSD	354,861	354,861	-	-
Heart of the Valley	147,003	147,003	-	-
Neenah - Menasha	180,258	180,258	-	-
Wrightstown	5,150	5,150	-	-

Allocated (lbs/day)
465
138
619
972
402
494
14

APPENDIX D. SUMMARY OF MS4 WASTELOAD ALLOCATIONS

Total Phosphorus

MS4	East	Baird	Bower	Apple	Ashwaubenon	Dutchman	Plum	Kankapot	Garners	Mud	Duck	Trout	Neenah	LFR (main stem)	LGB	TOTAL
Allouez	771													405		1,176
Appleton				1,132					115	442	1			3,667		5,358
State				1,132					115	442	1			3,667		5,358
Oneida Reservation				0					0	0	0			0		0
Ashwaubenon					388	1,829					211			306		2,734
State					388	1,479					211			306		2,384
Oneida Reservation					0	350					0			0		350
Bellevue	753	3	1,081													1,837
Buchanan							21	109	404						34	569
CombLocks								4	137						152	293
DePere	516				649									1,455		2,620
State	516				649									1,455		2,620
Oneida Reservation	0				0									0		0
GrandChute				400						1,863				760		3,022
Green Bay	1,485	1,634	20			367					1,235			3,246	629	8,616
State	1,485	1,634	20			69					332			3,246	629	7,414
Oneida Reservation	0	0	0			298					903			0	0	1,201
Greenville										176				517		692
Harrison									321					7		328
Hobart					119	652					921	523				2,216
State					0	0					0	0				0
Oneida Reservation					119	652					921	523				2,216
Howard											1,963	8		2	29	2,001
State											1,953	8		2	29	1,991
Oneida Reservation											10	0		0	0	10
Kaukauna				394			32	918	46					517		1,908
Kimberly									21					581		602
Lawrence				41	748	135								380		1,303
State				41	748	135								380		1,303
Oneida Reservation				0	0	0								0		0
Ledgeview	533		594											106		1,232
LittleChute				513										682		1,194
Menasha														1,147		1,147
Neenah													1,485	176		1,661
Scott															295	295
Suamico											356				641	996
State											356				641	996
Oneida Reservation											0				0	0
T_Menasha										32				2,214		2,246
T_Neenah													392	136		528
UWGB															195	195
TOTAL	4,058	1,637	1,695	2,479	1,903	2,983	53	1,031	1,045	2,513	4,687	531	1,877	16,490	1,788	44,770

Total Suspended Solids

MS4	East	Baird	Bower	Apple	Ashwaubenon	Dutchman	Plum	Kankapot	Garners	Mud	Duck	Trout	Neenah	LFR (main stem)	LGB	TOTAL
Allouez	266,978													99,405		366,383
Appleton				381,481					73,698	268,047	274			1,054,593		1,778,092
State				381,481					73,698	268,047	274			1,054,593		1,778,092
Oneida Reservation				0					0	0	0			0		0
Ashwaubenon					149,501	713,144					74,182			104,132		1,040,960
State					149,501	576,630					74,182			104,132		904,446
Oneida Reservation					0	136,514					0			0		136,514
Bellevue	307,059	1,579	321,956													630,594
Buchanan							5,525	40,876	242,762					9,953		299,116
CombLocks								1,412	83,756					43,094		128,262
DePere	164,228				197,827									383,797		745,853
State	164,228				197,827									383,797		745,853
Oneida Reservation	0				0									0		0
GrandChute				120,013						1,011,480				182,637		1,314,130
Green Bay	671,482	631,411	5,829			120,154					422,330			1,073,228	198,351	3,122,785
State	671,482	631,411	5,829			22,369					113,402			1,073,228	198,351	2,716,073
Oneida Reservation	0	0	0			97,785					308,928			0	0	406,713
Greenville										91,315				130,029		221,344
Harrison									186,222					2,466		188,688
Hobart					22,955	209,829					218,360	87,586				538,730
State					0	0					0	0				0
Oneida Reservation					22,955	209,829					218,360	87,586				538,730
Howard											702,063	1,472		773	10,082	714,390
State											698,560	1,472		773	10,082	710,887
Oneida Reservation											3,503	0		0	0	3,503
Kaukauna				142,665			9,072	399,600	27,167					142,959		721,463
Kimberly									12,701					186,376		199,077
Lawrence				12,785	189,134	43,322								69,211		314,452
State				12,785	189,134	43,322								69,211		314,452
Oneida Reservation				0	0	0								0		0
Ledgeview	163,523		169,251											23,308		356,082
LittleChute				190,022										187,574		377,596
Menasha														368,996		368,996
Neenah													782,075	55,543		837,618
Scott															85,724	85,724
Suamico											107,140			190,877		298,017
State											107,140			190,877		298,017
Oneida Reservation											0				0	0
T_Menasha										18,277				606,709		624,986
T_Neenah													163,490	40,404		203,894
UWGB															75,193	75,193
TOTAL	1,573,271	632,990	497,036	846,966	559,418	1,086,449	14,597	441,888	626,306	1,389,118	1,524,349	89,058	945,565	4,765,187	560,227	15,552,425



M E M O R A N D U M

DATE: March 21, 2018
TO: Mayor Kaufert, and Members of the Public Services and Safety Committee
FROM: Gerry Kaiser, Director of Public Works
RE: Assessable Frontage Review – Eaglecrest Estates Plat
1585 and 1589 Remington Road

This memo is a follow-up to discussion at the meeting on March 13, 2018, where the Committee reviewed an adjustment for special assessment billing for 1589 Remington Road. As was noted, the owner of that property addressed the Council at the public hearing for the Nature Trails street construction project regarding the assessable frontage for his lot. Mayor Kaufert noted that he had received a similar request from a different property owner who has a large portion of wetlands on his property. Committee directed staff to review the plat to see if there are any other similar situations. Staff has done that and there are only these two - 1585 and 1589 Remington Road.

In both cases, delineated wetlands impact the full use of the property. In the absence of options for mitigation or changes to wetlands development regulations, development of these areas is very unlikely. There is no specific ordinance provision that requires that wetlands be considered in determining assessable frontage for street improvements. However, it becomes difficult to consider this parcel in its entirety as benefitting from the public improvement. Because of that, I am requesting that Committee consider altering the typical assessment charge for this lot.

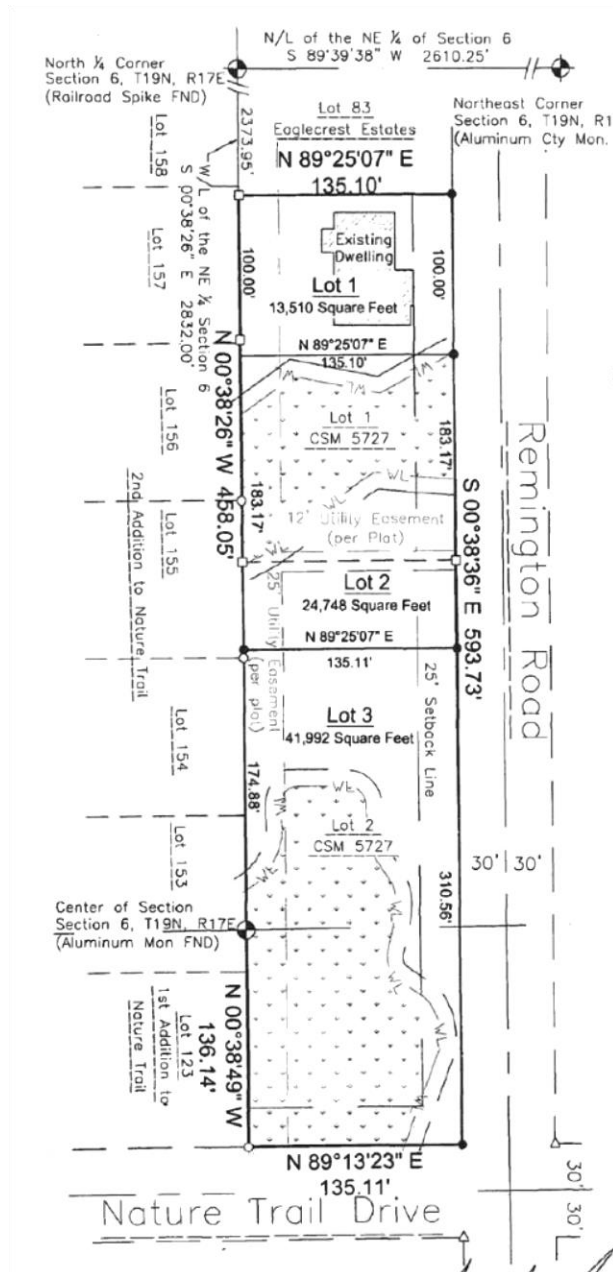
1585 Remington Road - This is Lot 2 of CSM 7158. This lot has an assessable frontage of 183.17 feet on Remington Road. The northerly half of the lot is delineated wetlands.

1589 Remington Road – This is Lot 3 in CSM 7158. Under standard practice this is considered a corner lot with a short-side frontage on Nature Trail Drive and a long-side frontage on Remington Road. The short-side frontage is 135.11 feet. The long-side assessable frontage, incorporating the corner lot adjustment in 13-5(i)(1)c of the municipal code, is 210.56 feet. Wetlands have been delineated over the southerly two-thirds of the lot.

Staff suggests assessing these lots based on the calculation dictated by ordinance but charging the homeowners an amount in line with a typical lot. In the case of 1585 Remington, the charge would be based on 100 feet of frontage. In the case of 1589 Remington, the charge would be based on a corner lot with a long side of 135.11 feet on Nature Trail Drive and a short side of 110 feet on Remington Road for a total assessable frontage of 155.04 feet. In each case, the difference between the total calculated special assessment and the amount billed to the property owner would be held as a deferred assessment against the property should the

wetlands area be developed. This approach protects the property owners from paying a special assessment beyond their benefit while also protecting the other Nature Trails/Eaglecrest property owners from making up the difference in special assessment charges.

Staff recommends that Committee approve the alternate billing method presented and defer the portion of assessment that is affected by wetlands for 1585 Remington Road and 1589 Remington Road.



Public Services & Safety Committee March 27, 2018

BEVERAGE OPERATOR LICENSE APPLICATIONS:

New or Renewal	Last Name, First, M.I.	Municipality	Place of Business
New	Baird, Taegen A.	Neenah	Applebee's Grill & Bar
New	Boettcher, Patrick T.	Grand Chute	Uncorked Bistro
New	Delver, Andrea V.	Neenah	Gord's Pub
New	Fraley, Chelsea R.	Appleton	Sidetracked Bar & Grill
New	Harttert, Jason S.	Neenah	Zuppas
New	Jambretz, Victoria E.	Neenah	BayPoint Bar & Grill
New	Oldenburg, Joseph M.	Menasha	Lion's Tail Brewing Co.
New	Wipfli, Sean P.	Menasha	Tobacco Outlet

BEVERAGE OPERATOR LICENSE APPLICATIONS – Delinquent Payment

New or Renewal	Last Name, First, M.I.	Municipality	Place of Business
New	Miller Jr., Michael R.	Neenah	Mr. D's

TEMPORARY CLASS "B" (PICNIC) LICENSE BEER & WINE APPLICATION:

Applicant	Name of Event	Beer/Wine	Location	Date(s) of Event
Bergstrom Mahler Museum	Arts Festival – Raise Your Glass	Beer & Wine (BLB)	165 N Park Ave	July 15, 2018

APPLICATION FOR TEMPORARY CLASS "B"/"CLASS B" RETAILER'S LICENSE

See Additional Information on reverse side. Contact the municipal clerk if you have questions.

FEE \$ 10.00

Application Date: 3-20-18

Town Village City of Neenah County of Winnebago

The named organization applies for: Check appropriate box(es).

- A Temporary Class "B" license to sell fermented malt beverages at picnics or similar gatherings under s. 125.26(6), Wis. Stats
- A Temporary "Class B" license to sell wine at picnics or similar gatherings under s. 125.51(10), Wis. Stat.

at the premise described below during a special event beginning July 15, 2018 and ending July 15, 2018 and agrees to comply with all law, resolutions, ordinances and regulations (state, federal or local) affecting the sale of fermented malt beverages and/or wine if the license is granted.

1. ORGANIZATION (check appropriate box) Bona fide Club Church Lodge/Society Veteran's Organization Fair Association

(a) Name BERGSTROM-MAHLER MUSEUM, INC

(b) Address 165 N. PARK AVE
(Street) Town Village City

(c) Date organized 1954

(d) If corporation, give date of incorporation 1956

(e) Names and addresses of all officers:

President MICHAEL VAN ABTEN 800 Eisenhower Dr - Kimberly WI 54136

Vice President MICHAEL MEILAHN 10768 Olym, Pickett WI 54964

Secretary CATHERINE HOLECKO 591 E. WISCONSIN AVE Neenah, WI 54956

Treasurer WILLIAM BANE 3601 N. Racine St Appleton WI 54911

(f) Name and address of manager of person in charge of affair Jennifer Stevenson 764- Yorkshire Rd Neenah, WI

2. LOCATION OF PREMISE WHERE BEER AND/OR WINE WILL BE SOLD:

(a) Street number 165 N. PARK AVENUE

(b) Lot LAKESIDE LAWN Block _____

(c) Do premises occupy all or part of building? ALL

(d) If part of building, describe fully all premises covered under this application, which floor or floors, room or rooms, license is to cover:

3. NAME OF EVENT

(a) List name of the event ARTS FESTIVAL - RAISE YOUR GLASS

(b) Dates of event 7/15/18 . 11am - 7pm

DECLARATION

The Officer(s) of the organization, individually and together, declare under penalties of law that the information provided in this application is true and correct to the best of their knowledge and belief.

BERGSTROM-MAHLER MUSEUM, INC
(Name of Organization)

Officer Bon Fark 3/29/18
(Signature/Date)

Officer _____
(Signature/Date)

Officer _____
(Signature/Date)

Officer _____
(Signature/Date)

Date Copied to Police Captain Gonzalez: _____

Date Filed with Clerk: _____

Date Reported to PSSC/Council: 3-27-18/

Date Granted by Council: _____

License No. _____



M E M O R A N D U M

DATE: March 22, 2018
TO: Mayor Kaufert, and Members of the Public Services and Safety Committee
FROM: Gerry Kaiser, Director of Public Works
RE: Public Works General Activity

- 1) Contract 8-17 (Commerce Court Pond) – Pipe installation is complete. The contractor has started to work on expanding the detention pond. Excavated soil is being placed on the south slope of Bell Street.
- 2) Contract 1-18 (Andrew, Richard, Geiger, Whiting) – We Energies started gas relocation work on March 19. The contractor has mobilized and started work on March 22.
- 3) Contract 2-18 (Cecil, Adams) – A pre-construction meeting was held on March 9. The contractor intends to start work on Adams Street after utility work on Contract 1-18 is complete.
- 4) Contract 3-18 (Nature Trails/Eaglecrest) – An informational meeting with Eaglecrest residents was held on March 12. The project was advertised for bid on March 21. The bid opening is scheduled for April 4.
- 5) City Hall Boilers – Three proposals have been received. Building Manager Fischer is reviewing the scope with the low cost proposer before a request is brought to Council.
- 6) Bergstrom Road Street Lighting - Street lights have been installed and are being wired.
- 7) Winnebago County Clean Sweep – On line appointments are being accepted for the clean sweep event to be hosted in Neenah on June 9. The web address is www.WinnebagoCountyCleanSweep.com. The link is listed on the city website.