



City of De Pere

925 South Sixth Street
De Pere, Wisconsin 54115-1199
Phone: 920-339-8304
Fax: 920-339-4071
Cell: 920-639-1000

Eric P. Rakers, PE
City Engineer
erakers@mail.de-pere.org
www.de-pere.org

April 15, 2015

Department of Natural Resources
Runoff Management Grant Coordinator – WT/3
101 South Webster
Madison, WI 53703

Re: UNPS & SW Construction Grant Application
Optimist Park Pond
City of De Pere

Dear Coordinator

Attached is the grant application for the Optimist Park Pond construction project in the City of De Pere. Included with the application is:

- One copy of the completed application signed in blue.
- Three additional copies of the completed, signed application form with attachments.
- One electronic copy of the completed application from plus all attachments on CD.

If you have any questions, please call me at (920) 339-8304.

Eric P. Rakers, P.E.
City Engineer

EPR/pjd

**Urban Nonpoint Source & Storm Water (UNPS&SW)Program
Construction Grant Application**

Form 8700-299 (R 1/15)

Page 1 of 12

Notice: This application form template was created by the Wisconsin Department of Natural Resources. Application is hereby made to the Wisconsin Department of Natural Resources, Bureau of Watershed Management, for grant assistance consistent with s. 281.66, Wis. Stats., and Chapters NR 151, 154 and 155, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.66, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law [ss. 19.31 - 19.39, Wis. Stats.]. *Unless otherwise noted, all citations refer to Wisconsin Administrative Code.*

Please read the [instructions](#) prior to completion of this form. Complete all sections as applicable. Tab to each section or click in answer spaces.

Applicant Information

Calendar Year of Grant Start 2016

Project Name

Optimist Park Storm Water Pond

Applicant (governmental unit applying; name and type, e.g. Madison, City of)

De Pere, City of

Name of Government Official - Authorized Signatory (First Last)			Name of Government Official - Grant Contact Person (First Last)		
Eric Rakers			Same		
Title			Title		
City Engineer					
Area Code + Phone Number			Area Code + Phone Number		
(920) 339-8304					
E-Mail Address			E-Mail Address		
erakers@mail.de-pere.org					
Mailing Address - Street or PO Box			Mailing Address - Street or PO Box		
925 South Sixth Street					
City	State	ZIP Code	City	State	ZIP Code
De Pere	WI	54115			

Project Information

A. Location of Project

See [Attachment A](#) and Surface Water Data Viewer (SWDV) at <http://dnrmaps.wi.gov/SL/?Viewer=SWDV> for assistance in completing this question.

County			State Senate District number:				State Assembly District number:	
Brown			30				88	
Minor Civil Division (city, town, village, e.g., Wrightstown, Village of)	Township (N)	Range	E or W	Section	Quarter	Quarter- Quarter	Latitude (North, 4 to 7 decimal places)	Longitude (West, 4 to 7 decimal places)
De Pere, City of	23 N	20	E	27	NW	SE	44.4395	0
	N							
	N							

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 2 of 12

Method for Determining Latitude & Longitude (check one)

☐ GPS ☒ DNR Surface Water Data Viewer

☐ Other (specify):

B. Project Summary and Description. Use this space for the project summary and description, not an attachment.

Mention every BMP & activity for which funding is requested.

The City of De Pere plans to own, construct, operate, and maintain the Optimist Park Pond to reduce phosphorous and sediment loads from 53 acres of developed land within the watershed prior to discharge to the Fox River. The Fox River is a 303d listed water body. In 2012, EPA approved the TMDL for the phosphorous and sediment in the Fox River.

The TMDL identifies a 65.2% TSS reduction and a 30% phosphorous reduction for the Lower Fox River HUC-12 sub-basin. Add this to the 20% TSS reduction that was in place for the City at the time of the TMDL and the overall TSS reduction required for areas in the City that drain to the Lower Fox River HUC-12 is 72.1%. The proposed pond will enhance water quality in the lower Fox River and help the City towards it's permit requirements for the TMDL. The watershed is a combination of high density residential (4, 8, and 16 unit apartments) and medium density residential (duplexes and single family), and some park property. The Optimist Park Pond wet surface area is 0.72 acres. Based on the preliminary design and WinSLAMM analysis, the pond is anticipated to reduce the TSS by 80.1% and phosphorous by 57.1%. The proposed pond will be built in accordance with the Wet Detention Pond Code 1001. Even though the pond is located in a park, the area immediately adjacent to the pond will be maintained with native vegetation to provide a buffer and wildlife habitat. The pond site is currently a baseball field and lawn area. If the grant is approved, the City will relocate the baseball field in 2016 and construct the pond in 2017.

C. Watershed, Waterbody, and Pollutants See [Attachment A](#) and Surface Water Data Viewer (SWDV) at:

<http://dnrm.wi.gov/SL/Viewer=SWDV> for assistance in completing this question.

(For example: Watershed Name: Oconomowoc River; Watershed Code: UR09; Primary Waterbody Name: Oconomowoc River; Nearest Water body: Flynn Creek.)

Note: If the project is in more than one watershed, submit a separate application for each watershed, unless this application is for a high-efficiency street sweeper.

Watershed Name	Watershed Code	Primary Waterbody Name	Nearest Waterbody Name
Lower Fox	LF01	Fox River	Fox River

12-digit Hydrologic Unit Code (HUC): 040302040405

Nonpoint Source Pollutant(s) Controlled by the Project

☒ Nutrients ☒ Sediment ☐ Other, specify:

D. Pro-Rating for Existing versus New Development

☒ Check this box if the project will serve existing development only. *Existing means in existence on or before October 1, 2004.*
If not, provide attachments and the following:

100% Percentage of design volume from *existing* development. The default is 100%. Please change the percentage as necessary.

E. Endangered and Threatened Resources, Historic Places and Properties and Wetlands

Check the appropriate box for each question based on what the governmental unit knows to occur where the project disturbs land:

☒ 1. There are endangered or threatened resources as identified in s. 29.604, Wis. Stats., and ch. NR 27 in the project area.

(Refer to http://dnr.wi.gov/topic/erreview/publicportal.html?tm_source=featureimage&utm_medium=homepage&utm_campaign=20140929_nhiportal

http://dnr.wi.gov/topic/erreview/publicportal.html?tm_source=featureimage&utm_medium=homepage&utm_campaign=20140929_nhiportal

☐ 2. There are archaeological sites, historical structures, burial sites, or other historic places identified in s. 44.45, Wis. Stats., in the project area.

☐ 3. There are wetlands in the project area that are governed by water quality standard provisions of ch. NR 103.

(Answer with the SWDV map layer **Wetland Indicators** at

<http://dnrm.wi.gov/SL/Viewer.html?Viewer=SWDV&runWorkflow=Wetland>)

F. Alternative Funding Possibilities

- ☐ Check this box if applicant requests that the DNR also submit a copy of this application to the Clean Water Fund Program or the Small Loan Program.

G. Environmental Hazards Assessment

- ☒ Check this box if this project includes excavation or purchase of land or easement.
- ☒ Check this box if a completed copy of the Environmental Hazards Assessment Form (required for a project that includes excavation or the purchase of land or an easement) is attached to this application. (See [Attachment H](#) and <http://dnr.wi.gov/files/pdf/forms/1800/1800-001.pdf>)
If this is a project that includes excavation or the purchase of land or an easement, consult the Bureau of Remediation and Redevelopment (R&R) Site Map and answer the following questions using a map scale of 1:8529 or larger.
- ☐ 1. There is one or more open (ongoing cleanup) R&R sites on the same property where the excavation is planned.
- ☐ 2. There is one or more closed (completed cleanup) R&R sites on the same property where the excavation is planned.
- ☐ 3. There is one or more open (ongoing cleanup) R&R site on an adjacent property.
- ☐ 4. There is one or more closed (completed cleanup) R&R site on an adjacent property.

Part I. Screening Requirements

A. Maps and Photographs

Yes

- ☒ An 8.5" x 11" map from the DNR data/map viewers, showing the project area and locations of proposed Best Management Practices (BMPs), is attached (link to <http://dnrmaps.wi.gov/SL/?Viewer=SWDV>).
- ☒ Aerial photo maps and project area photos are also included.

B. Filters Note: The applicant must be able to check "Yes" to questions 1 through 8 below to be eligible for a grant. Check "Yes" to questions 9 through 14, if applicable. Applicants who answer "Yes" to Question 11 must check a, b, or c for Question 11.

Yes

- ☒ 1. Project is in an urban area as identified in [Attachment B](#).
- ☒ 2. Project will be completed within 24 months of the start of the grant period.
- ☒ 3. Staff and contractors designated to work on this project have adequate training, knowledge, and experience to implement the proposed project.
- ☒ 4. Staff or contractual services, in addition to those funded by this grant, will be provided if needed.
- ☒ 5. Best management practices constructed under this grant will not work at cross-purposes to and are consistent with non-agricultural performance standards under ch. NR 151 (see [Attachments C & D](#)).
- ☒ 6. The local DNR District Nonpoint Source Coordinator has been contacted and the project was discussed.
See contacts at: <http://dnr.wi.gov/topic/nonpoint/NPScontacts.html>.

Name of the District Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
Erin Hanson	03/02/2015	Meeting
Amy Minser	03/02/2015	Meeting

- ☒ 7. Construction Ordinance: Local regulations are in place to administer and enforce construction erosion controls in the governmental unit consistent with the non-agricultural performance standards in s. NR 151.11.
- ☒ 8. Post-Construction Ordinance: Local regulations are in place to administer and enforce post-construction runoff from areas of new development and re-development in the governmental unit consistent with the non-agricultural performance standards in s. NR 151.12.
- ☒ 9. Navigable Waters Determination: If this project will install an urban storm water treatment practice, the applicant has determined that the practice will not be located in any intermittent or perennial waterway shown on a map from the DNR's Surface Water Data Viewer identified below.
- ☒ Check the box to indicate the Surface Water Data Viewer Map, 24K Hydro Layer at <http://dnrmaps.wi.gov/SL/?Viewer=SWDV> map has been consulted
- ☒ 10. Wetlands Determinations:
- a. ☒ Mapped Wetlands: Check the box if the applicant has consulted the Wisconsin Wetlands Inventory at <http://dnrmaps.wi.gov/SL/Viewer.html?Viewer=SWDV&runWorkflow=Wetland> and has determined that the practice will not be located in a mapped wetland.
- b. ☒ Potential Wetlands: Check the box if the applicant has consulted the Wisconsin Wetland Indicators map at <http://dnrmaps.wi.gov/SL/Viewer.html?Viewer=SWDV&runWorkflow=Wetland> and has determined either of the following:

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 4 of 12

- ☒ i. There is no wetland potential at the site, or
- ☐ ii. A wetland delineation completed by a qualified person shows the BMP will not encroach upon a wetland.
Provide the name and phone number of the wetland delineator. Provide a copy of the wetland delineation report.

Name:

Phone Number:

- ☒ 11. This is a proposed urban project which requires that the applicant have control of the property. If "Yes," please check the applicable statement below:
- ☒ a. The applicant is stating that it currently owns the property or has control of the property through an easement or a construction and maintenance agreement.
 - ☐ b. The applicant has attached documentation to this application that states that the current owner of the property is willing to enter into a construction and maintenance agreement with the grant applicant prior to the award of the grant.
 - ☐ c. The applicant proposes purchasing the property (fee title) or an interest in the property (easement), and the applicant has attached documentation (e.g., option to purchase or offer to purchase) that the sale will be completed prior to the award of the grant.
- ☒ 12. Applicant declares that *one* of the two statements below is **TRUE**. Please check the box to indicate that the statement is true.
- ☒ a. The applicant is not the University of Wisconsin Board of Regents.
 - ☐ b. The applicant is the University of Wisconsin Board of Regents **and** the project will develop recommendations for a UW Campus area located in a municipality that meets **both** of the following criteria:
 - ☐ i. The applicant is required to obtain a permit under subchapter I. of ch. NR 216; **and**
 - ☐ ii. The municipality is located either in a priority watershed or lake area identified under s. 281.65, Wis. Stats., or in an area of concern as identified by the International Joint Commission under the Great Lakes Water Quality Agreement.
- ☐ 13. This application is a joint application among local units of government, and a DRAFT Inter-Governmental Agreement is attached (see [Attachment I](#)).
- ☐ 14. This applicant currently has existing Runoff Management grant(s), and the applicant hereby certifies that all such grant projects shall be completed within the applicable grant period for each.

C. Best Management Practices (BMPs) for Which Funding is Requested (check all that apply):

Eligible best management practices must be included in ch. NR 154 or be an available storm water post-construction technical standard at: http://dnr.wi.gov/topic/stormwater/standards/postconst_standards.html.

Note. Storm water treatment practices on navigable waters or in wetlands, which includes non-navigable waters, are *not* eligible for funding under this program.

- ☐ Bioretention for Infiltration
- ☐ Infiltration Basin
- ☐ Infiltration Trench
- ☐ Vegetated Infiltration Swale
- ☐ Permeable Pavement
- ☐ Grassed Swale
- ☐ Vegetated Filter Strip
- ☐ Filtration Device
- ☐ Proprietary Filtration Device
- ☒ Wet Detention Pond
- ☐ Proprietary Storm Water Sedimentation Device
- ☐ Constructed Wetland Basin
- ☐ Other Structural Urban Best Management Practice

☐ Shoreline Habitat Restoration for Developed Area NR 154.04(29)

Project Name:
Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299 (R 1/15)

Page 5 of 12

Specify below:

Activities necessary to implement BMP(s) above:

- ☒ Storm Sewer Rerouting
☒ Structure Removal
☐ Groundwater Monitoring Well Installation (if required by DNR)
☒ Engineering for BMP(s) above
☐ Land Acquisition for installation of BMP(s) above
☐ Accelerated/High Efficiency Street Sweeper

Part II. Competitive Elements

Question 1. Fiscal Accountability

A. Timeline and Source of Staff

For each applicable milestone listed below, fill in the appropriate data.

Milestone	Target Completion Date (month/year)	Source(s) of Staff
Completion of design	11/2016	Consultant and City Staff
Obtaining required permits	2/2017	Consultant and City Staff
Landowner contacts		City Park
Bidding	3/2017	City Staff
DNR approvals	2/2017	Consultant, City Staff, and WDNR
Contract signing	4/2017	City Staff and Common Council
BMP construction	9/2017	Contractor and City Staff
Site inspection and certification	9/2017	Contractor and City Staff
Project evaluation	10/2017	Consultant, City Staff and WDNR
Purchase street sweeper		
Other (specify)		
Relocate Ball Diamond	9/2016	Contractor and City Staff

B.1. Financial Budget Table

Provide a detailed budget for each of the proposed BMPs for the project in the space available, not an attachment. The state share may not exceed 50% of eligible costs. The grant amount is capped at \$150,000 for the installation of eligible BMPs and a maximum of \$50,000 for property acquisition.

A List detailed construction components of the BMP activities for which DNR funding is requested.	B Estimated Total Cost (\$)	C Amount Eligible for DNR Cost Sharing (\$)
Unclassified excavation (12,000 CY @ \$7.50/CY)	90,000	90,000
24" to 12" storm sewer (see detailed breakdown in back)	30,300	30,300
Pavement restoration with CABC (see detailed breakdown in back)	2,150	2,150
Landscaping, drainage swale (see detailed breakdown in back)	34,200	34,200
Clearing and Grubbing (@ \$3,000 LS)	3,000	3,000
Rip-rap, tracking pad (see detailed breakdown in back)	3,750	3,750
Silt fence, inlet protection, erosion control (see detailed breakdown in back)	6,275	6,275
Construction staking (@ \$3,000 LS)	3,000	3,000

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 6 of 12

Remove ball diamond	15,200	15,200
1. Construction Subtotal	187,875	187,875
2. Design, Construction Management and Inspection	37,600	37,600
3. Storm Sewer Reroute		
4. Structure Removal		
5. Subtotal: (add rows 1 through 4)	225,475	225,475
6. Property Acquisition (Fee Title & Easement see Attachment F for requirements)		
7. Grand Total: (add rows 5 and 6)	225,475	225,475

B.1. (continued) Cost Sharing Worksheet

Eligible Costs:	Prorate %	Cost-Share %	
8. Construction and Design (Row 5 * Prorate * Cost-share %)	100 %	50 %	\$ 112,738
9. Property Acquisition: (Row 6 * Prorate * Cost-share %)	100 %	50 %	\$

Cap Test:

10. Construction and Design (Row 8 or \$150,000, whichever is less)	\$ 112,738
11. Property Acquisition (Row 9 or \$50,000, whichever is less)	\$
12. Maximum State Share (sum of Rows 10 + 11)	\$ 112,738

State and Local Share:

13. Requested State Share Amount (Enter Requested Grant Amount)	\$ 112,738
14. Local Share Amount (Row 7, Column B, less Row 13)]	\$ 112,737

B.2. Use of Additional Funding

☒ Check this box if both of the following conditions are met.

- The requested state-share amount in row 13 is less than the \$150,000 grant cap or \$200,000 cap if the project includes property acquisition.
- The requested state-share amount in row 13 is below the maximum state-share in row 12. (The resulting cost-share rate is less than 50%.)

Identify the Local Share Source(s)

City of De Pere Storm Water Utility

B. 3. Method used to Calculate Cost Estimates: Check the appropriate box. Attach design, bid, estimate documentation, as applicable.

- ☐ 1. Project costs are based on completed design and competitive bid on the project. Construction components and costs above in B.1. should be detailed. Provide documentation attached to this application.
- ☐ 2. Project costs are based on completed design with materials and labor costs based on similar, recently bid projects. Construction components above in B.1. should be detailed. Provide documentation in this application.
- ☒ 3. Project design is not complete; however, the proposed project and costs are based on similar and recent projects and costs. Provide as much construction detail above in B.1. as possible. Provide documentation for this method in this application.
- ☐ 4. Project design is not complete and the cost estimate is based on an average or a range of projects and costs. Provide as much construction detail above as possible. Provide documentation for this method in this application.
- ☐ 5. Project and costs are less specific than choices above. Provide an explanation for cost estimates attached to this application.

C. Cost-Effectiveness. Please provide narrative answers to Parts C.1. and C.2. You are advised to answer Part C.3., though you are not required to do so.

1. Describe the environmental benefits this project will achieve.

The Optimist Park Pond will provide 80.1% TSS reduction and 57.1% phosphorous reduction from 53 acres of developed area. The area includes a combination of high density and medium density residential development and park. The storm water from the pond flows down Cook Street and discharges directly to the Lower Fox River HUC-12 sub-basin. The Lower Fox River is a 303d listed water. The Lower Fox River HUC-12 along two other HUC-12 sub basins have highest requirements for % reductions in TSS for the Fox River TMDL for MS4

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 7 of 12

communities. For the City of De Pere, the majority of the drainage area that discharges to the lower Fox River HUC-12 is urbanized. It is critical for the City to site ponds in existing green space, such as Optimist Park, to meet the TMDL requirements. By constructing a pond, the City will be treating the storm water to some of the highest percent removals from a BMP as practical.

2. Describe why the proposed management measures are reasonable means to attain the project benefits based upon such factors as cost, effectiveness, site feasibility, available technical standards, and practicality.

The proposed Optimist Park Pond is the most reasonable means to help the City meet the requirements of the TMDL for the Lower Fox River HUC-12 sub-basin. There are several important aspects to the project that make it cost effective as identified below:

- (1) The proposed location is currently used as a combination of green space and a ball diamond which can be moved. It will be very difficult for the City to meet the percent reduction required in the TMDL for the Lower Fox River HUC-12. It is critical for the City to site storm water management facilities in these locations when located in the lower reaches of the drainage basin. This location fits in that there is available green space and the pond will service the majority of the drainage basin.
- (2) The City already owns the property. No real estate acquisition is required. Additionally, the Park Committee has endorsed the plan and created a long term park plan incorporating the pond.
- (3) Storm water ponds have proven to be one of the more cost effective storm water management facilities for providing high performance and low maintenance in the treatment of TSS and phosphorous. This site is large enough to allow construction to obtain maximum results and conform to the Wet Detention Pond Code 1001. The cost for TSS is estimated to be \$1.38 per pound removal over a 20 year period.
- (4) The pond is located so that there is easy access for maintenance.

3. If you evaluated one or more alternative management measures, describe why the alternative(s) is not being recommended. Several alternatives were analyzed. From a pond perspective, a smaller pond was initially analyzed. However, for the City to meet TMDL requirements, the facility needs to treat above the 72.1% TSS reduction required. The recommended design treats to 80.1% TSS removal. Based on cost effective analysis, the Optimist Park Pond treats TSS at \$1.38/lb over a 20-year period. A biofiltration basin was evaluated. There are several disadvantages to this facility including that the drainage basin is larger than the recommended size. The basin was sized to the same area of the pond. The treatment is only 49.2% TSS reduction, which is below the TMDL requirement. The cost over a 20-year period is \$2.65/lb. Finally, proprietary devices were reviewed. The TSS reduction was significantly less than the other facilities evaluated. Additionally, the cost for TSS removal is \$7/lb over a 20 year period.

Question 2. Project Evaluation Strategy

A. Modeling and Measures of Change

Pre- and post-project evaluation measures used to ensure success in meeting project goals.

The applicant *must* agree to provide a description of the modeled results or changes in pollution potential in the final project report submitted for the project, and will provide their modeling and analysis to the storm water permit specialist responsible for their community. The project evaluation strategy will be based on comparing pre- and post-project changes in modeled pollutant loading to water resources or will be based on the quantity of units managed.

Check all that apply in the table below.

Priority for Developed Urban Area		Units of Measure		Recommended Measurement Method
<input checked="" type="checkbox"/>	1. 20-40% Reduction in Total Suspended Solids (TSS)	a.	Pounds TSS reduced	SLAMM, P-8
		b.	% TSS reduction	
<input type="checkbox"/>	2. Infiltration	a.	% Pre-development stay-on volume	Recarga, SLAMM, P-8
		b.	Cubic feet stay-on volume	
<input type="checkbox"/>	3. Peak Flow Discharge	a.	Change in cubic feet per second	TR-55 or equivalent
<input type="checkbox"/>	4. Protective Areas	a.	Feet of bank protected	Count
<input type="checkbox"/>	5. Fueling and Maintenance Areas	a.	Oily sheen presence	Visual assessment
<input type="checkbox"/>	6. Streambank	a.	Tons of bank erosion reduced	NRCS bank erosion formula
		b.	Feet of bank protected	Count
<input checked="" type="checkbox"/>	7. Other (specify) 30% Reduction in Total Phosphorous (TP) per the TMDL		Ponds TP reduced	SLAMM

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 8 of 12

B. Water Quality Monitoring (not eligible for cost sharing at this time)

If, in addition to the above, the project evaluation strategy includes evaluating BMP effectiveness and/or pre- and post-project water resource monitoring, and the information will be provided to DNR in the final project report, check all that apply below.

- ☐ 1. A one-page summary of the monitoring strategy is attached.
- ☐ 2. The project will evaluate the in-stream physical habitat, fisheries, biological, or chemical conditions.
- ☐ 3. The project will evaluate BMP pollution reduction effectiveness (e.g. inlet/outlet monitoring).
- ☒ 4. The applicant is willing to participate with the Department to do monitoring in the project area should funding become available.

Question 3. Evidence of Local Support

For A and B, check the applicable situation that exists at the time of application. Provide evidence of the budget and the public outreach with this application.

A. Budget

- ☐ 1. Adopted Budget: The municipal governing body or utility board has included the Local Share cost of this project within the municipal operating budget or utility district budget.
- ☐ 2. Capital Budget: The municipality or utility has included this project's anticipated costs within its adopted Capital Improvement Plan.
- ☒ 3. Proposed Budget: The Public Works Department has or will include the costs for this project within its preliminary budget proposal to be submitted to committee.
- ☒ Evidence of the budget situation above is attached.

B. Public Information

- ☒ 1. The applicant has already conducted public outreach activities about the proposed project with property owners in the immediate project area.
- ☐ 2. This project has been discussed at a governmental meeting open to the public.
- ☐ Evidence of the public outreach related to this project is attached.

Question 4. Water Quality Needs (check one, A through G)

The project must be consistent with at least one of the following seven watershed priorities. Check the one water quality category which best identifies the water quality need(s) which the project **directly** deals with: (check **only one**)

Note: For border waters where a State of the Basin Report does not exist, another governmental document acceptable to the Regional Nonpoint Source Coordinator may be used to identify the water quality need.

Surface Water Considerations

☒ **A. Clean Water Act section 303(d) List of Impaired Waters**

A water body (lake or stream) on the latest Clean Water Act (CWA) section 303(d) List of Impaired Waters, where the cause of the water quality impairment is nonpoint source pollution **and this project** will reduce the type of nonpoint source pollutants for which the water is listed. (See [Attachment A](#))

Name of Applicable Impaired Water:

Lower Fox River

Name of Pollutant Causing Impairment:

Phosphorous and sediment

☐ **B. Outstanding or Exceptional Resource Waters or Other Areas of Special Natural Resource Interest**

Prevention of degradation due to nonpoint sources of outstanding resource waters (ORW) (per s. NR 102.10) or exceptional resource waters (ERW) (per s. NR 102.11) or other areas of special natural resource interest (ASNRI).

To locate ORW/ERW and other ASNRI's see Attachment A and go to DNR's Surface Water Data Viewer Designated Waters Theme at <http://apwmad0d1600/SL/Viewer.html?>

Name of Applicable ORW/ERW or ASNRI:

☐ **C. Not Fully Supporting Uses or NPS Ranking of High or Medium**

A water body (lake or stream) identified in a DNR-approved Basin/Watershed Plan as not supporting designated uses due to nonpoint sources, but is not on the section 303(d) List. In newer plans, these waters are categorized as "supporting" (as opposed to "fully supporting") designated uses; in plans prior to 2010 they were labeled as "partially meeting" designated uses. Or, the project is located in watershed, lake watershed, or other area ranked high or medium on the NPS Rankings List, where the goals of the project are directly associated with the reason for the ranking on the NPS Rankings List.

☐ **D. Surface Water Quality**

Prevention of surface water quality degradation due to nonpoint sources.

Groundwater Considerations For assistance with this section, please consult the DNR District Drinking Water and Groundwater Specialist at <http://dnr.wi.gov/topic/drinkingwater/documents/countycontacts.pdf> or the County Extension office.

☐ **E. Exceeds Groundwater Enforcement Standard**

Project Name:

Optimist Park Storm Water Pond

UNPS&SW Program - Construction Grant Application

Form 8700-299

(R 1/15)

Page 9 of 12

Groundwater within the project area where representative information indicates there are levels for NPS contaminants that exceed groundwater enforcement standards.

☐ **F. Exceeds Groundwater Preventive Action Limit**

Groundwater within the project area where representative information indicates there are levels for NPS contaminants that exceed groundwater preventive action limits.

☐ **G. Groundwater Quality**

The project area is within a geological area defined in s. NR 151.015(18) as susceptible to groundwater contamination. (See Attachment G)

Drinking Water Bonus Points

Yes Check this box if the project water quality goals identified above relate to the reduction of nonpoint source contaminants in community or non-community public drinking water supplies. This includes municipal water supplies governed by chs. NR 809 and 811; other-than-municipal (OTM) water supplies governed by chs. NR 809 & 811; non-transient water supplies governed by chs. NR 809 and 812; and transient water supplies governed by chs. NR 809 and 812.

☐

1. If your project will reduce nonpoint source contaminants in community or non-community public drinking water supplies and you checked box E, F, or G in the "Groundwater Considerations" section above, please choose a, b or c below and move on to Question 5. (You will need assistance from your DNR District Grant Coordinator <http://dnr.wi.gov/topic/nonpoint/NPScontacts.html> or Water Supply Specialist <http://dnr.wi.gov/topic/drinkingwater/documents/countycontacts.pdf> to answer.)

☐

a. Check this box if the project is located: within the wellhead protection area of a municipal well, or within 1,200 feet of a municipal well for which a wellhead protection area is not delineated, or within 1,200 feet of an OTM water supply well, or within 1,200 feet of a transient water supply well.

☐

b. Check this box if the project is located within 200 feet of transient water supply well.

☐

c. Check this box if **neither** a nor b applies

2. If your project will reduce nonpoint source contaminants in community or non-community public drinking water supplies and you checked box A, B, C, or D in the "Surface Water Considerations" section above, please place a check mark next to the drainage area where the project is located: (See Attachment E)

☐ Pike River and Creek

☐ Twin Rivers

☐ Root River

☐ Kewaunee and Ahnapee Rivers

☐ Oak Creek

☐ Menominee River

☐ Milwaukee River

☐ Fish Creek

☐ Sauk Creek

☐ St. Louis and Nemadji Rivers

☐ Sheboygan and Onion Rivers

☐ Lake Winnebago

☐ Manitowoc River

Question 5. Extent of Pollutant Control

A. Ch. NR 151 Performance Standard for Total Suspended Solids

☒ Check this box if this project focuses on meeting s. NR 151.13 Total Suspended Solids (TSS) Performance Standard to control TSS carried in existing urban area runoff that enters waters of the state, as part of a NR 216 municipal separate storm sewer system (MS4) permit.

Note: This does not include stream bank restoration.

B. Other Water Resources Management Priority

☐ Check this box if the proposed project addresses a water resources management priority other than the ch. NR 151 performance standard in Part A., above.

If checked, describe the priority and how the project addresses this priority.

C. Planning Data And Source Targeting

☒ Check this box if the applicant has quantitative planning information that ranks pollution sources from highest to lowest in severity and the proposed project will manage a pollution source contained in the top 50% of the ranked list. If "Yes," provide the following information:

1. Summary of the targeting analysis that justifies the proposed project and provides the project's ranking from that analysis. The drainage basin (FE-190A) ranks 24th out of 102 drainage basins for the amount of TSS and TP discharge from City drainage basins.

2. Name of document(s):

City of De Pere Nonpoint Pollution WinSLAMM Analysis

Project Name:
Optimist Park Storm Water Pond

**UNPS&SW Program - Construction Grant
Application**

Form 8700-299

(R 1/15)

Page 10 of 12

3. Date(s) published:
March 2008

4. Pertinent page number(s):
Appendix D.

5. A copy of non-state department document(s) is available (check all that apply):

☐ At this website:

☒ Attached to this application for: City of De Pere

☐ Contact this person:

Name:

Phone

Question 6. Consistency with Resource Management Plans And Supporting Regulations

A. Consistency with Resource Management Plans

- ☒ Check this box if the proposed project implements a water quality recommendation from a locally approved resource management plan. Examples include Smart Growth plans, Legacy Community plans, Water Star plans, local Storm Water Management plans, wellhead protection, lake management, regional water quality plans, Remedial Action plans and other watershed-based nonpoint source control plans.

(This question does not include a TMDL report, TMDL implementation plan, or County Land and Water Resource Management Plan.)

If checked, cite the name and date(s) of publication of the document and pertinent page numbers. Provide URL or attach pertinent pages. Summarize the water quality recommendation(s) and describe how it relates to the goals of this proposed project.

Chapter 6 of the City of De Pere 2010 Comprehensive Plan Update includes goals for storm water management in the City. Specifically, page 144 states "General objectives of the plan included to attain the water resources and nonpoint source pollution goals set forth in the Ashwaubenon Creek, East River, and Fox River nonpoint sources control plans, to minimize the potential for downstream flooding from future development, and to set a 50 percent sediment reduction as the City's pollutant reduction goal". The proposed Optimist Park Pond will assist the City in attaining this goal.

B. Supporting Regulations

Check the box for the statement that applies to this project. The project is located within an area which has:

- ☒ 1. One or more regulations that implement the non-agricultural performance standards for developed urban areas under s. NR 151.13;
- ☒ 2. Other regulations designed to reduce the impact on water quality from new development, other than construction site erosion control or a storm water ordinance.

Describe the regulations indicated above in relation to the goals of this project.

The City has adopted several storm water requirements in the Municipal Code, including Illicit Discharge Detection and Elimination conforming to NR 151.13 in Chapter 29. Chapter 86-5 addresses unlawful placement of animal waste. Additionally, Chapter 28 of the code allows for the provision of regional storm water treatment, including for existing and redevelopment. The Optimist Park Pond will assist the City in meeting the Code requirements for any redevelopment in the basin.

Question 7. City of Racine

- ☐ Check this box if this is an application from the City of Racine for a project that is necessary for the city to comply with state storm water permitting requirements.

Part III. Eligibility for Multipliers

Completion of this part of the application is optional. However, an applicant can increase the final project score by qualifying for a project multiplier.

Local Implementation Program

Yes N/A

- ☒ A. The applicant governmental unit is implementing a pollution prevention information and education program targeted for property owners and other residents.
- ☒ ☐ B. The applicant governmental unit is implementing a nutrient management plan for municipally-owned properties of at least five acres of pervious area where nutrients are applied
- ☒ C. The applicant governmental unit is implementing a tracking of storm water permitting activity (construction and post-construction) in the governmental unit and can make summary information available to the DNR upon request.

Optional Additional Information

Carefully review your answers to all of the questions above. Is there additional information that will add to the department's understanding of this project? If so, describe here.

A large portion of the City drains directly to the Lower Fox River HUC-12. This drainage basin is one of three in the lower Fox River TMDL that have much higher reductions for sediment and phosphorous due to the majority of the area being urbanized. As would be expected, the majority of the Lower Fox River HUC-12 in the City is almost entirely urbanized. It will be very difficult for

Project Name:

Optimist Park Storm Water Pond

**UNPS&SW Program - Construction Grant
Application**

Form 8700-299

(R 1/15)

Page 11 of 12

the City to meet the TMDL requirements due to this. It is important for the City to implement storm water management facilities in areas such as parks and other green spaces that are located near the lower end of the drainage basin. The Optimist Park Pond is one of these locations. Constructing storm water management facilities in existing green space for completely urbanized areas provides effective use of public grant dollars for addressing water quality issues in the lower Fox River.

Applicant Certification

A Responsible Government Official (authorized signatory) must sign and date the application form prior to submittal to the DNR. The governmental official with signatory authority must be the person authorized by the Governmental Responsibility Resolution. I certify that, to the best of my knowledge, the information contained in this application and attachments is correct and true.

Signature of Responsible Government Official

E. P. Rakers

Date Signed

4/15/15

Name (Please Print)

Eric Rakers

Title

City Engineer

☐ Check this box if the required, completed Governmental Responsibility Resolution (GRR) (see Attachment J) is attached. Authorized signatory must be approved in the GRR.

Submittal Directions

To be considered for funding, provide the following for each application submitted:

- One hard copy of the completed application form [DNR Form 8700-299 (R 1/15) with **original signature in blue ink** plus all attachments;
- Three additional hard copies of the completed, signed application form plus all attachments; and
- One electronic copy of the completed application form in **PDF format only** plus all attachments and maps on CD.

All application materials must be postmarked by midnight **April 15 of the same calendar year**.

Mail to: Department of Natural Resources
Runoff Management Section -WT/3
101 South Webster Street
Madison, WI 53703

or

PO Box 7921
Madison WI 53707-7921

Project Name:

Optimist Park Storm Water Pond

**UNPS&SW Program - Construction Grant
Application**

Form 8700-299

(R 1/15)

Page 12 of 12

Please use this page to write any constructive comment(s) you might have to improve this application.

Thank you.

Question 7 which give the City of Racine projects an additional point should be eliminated.

RESOLUTION #15-24

AUTHORIZING SUBMISSION OF WISCONSIN DEPARTMENT OF NATURAL
RESOURCES URBAN NONPOINT SOURCE & STORM WATER
PROGRAM CONSTRUCTION GRANT APPLICATION

WHEREAS, the Wisconsin Department of Natural Resources (WDNR) offers construction grants under its Urban Nonpoint Source and Storm Water Management Grant Program; and

WHEREAS, such grant, if awarded, will be used by the City to construct a storm water detention pond in Optimist Park in 2016 or 2017, with the WDNR covering 50% of costs up to a maximum grant amount of \$150,000; and

WHEREAS, this matter has been reviewed by the Board of Public Works which recommends approval thereof.

NOW, THEREFORE, BE IT HEREBY RESOLVED THAT:

The Common Council authorizes the Director of Public Works to:

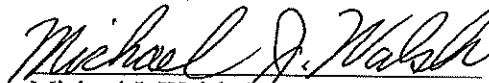
- Submit an application to the WDNR for financial assistance as described above;
- sign necessary documents; and
- take all other necessary action to undertake, direct and complete the approved project

BE IT FURTHER RESOLVED THAT:

All City officials, officers, employees, and agents are authorized and directed to take such steps as are lawful and necessary in furtherance thereof.

Adopted by the Common Council of the City of De Pere, Wisconsin, this 17th day of February, 2015.

APPROVED:


Michael J. Walsh, Mayor

ATTEST:


Shana L. Defnet, Clerk-Treasurer

Ayes: 8
Nays: 0

OPTIMIST PARK DRAINAGE BASIN

COOK STREET

S. ERIE ST

53 ACRES =
2,330,671.06 SQFT

COOK STREET

O'KEEFE RD



1 inch = 400 feet

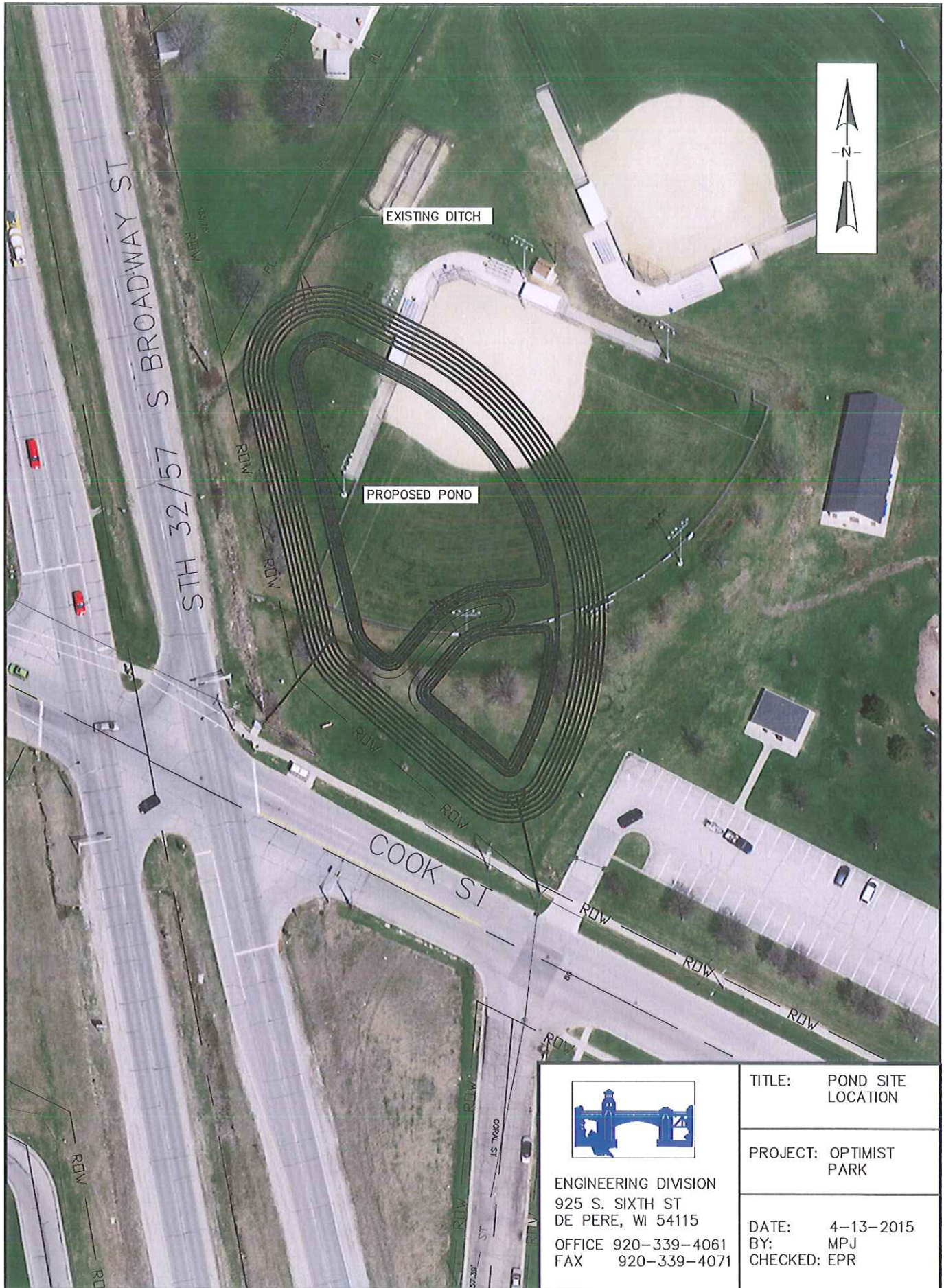


Drainage
Basin

Project:
Optimist Park

4- 2015
By: SRL

Engineering Division
925 S. 6th St.
De Pere, WI 54115
Office: 920-339-4061
Fax: 920-339-4071



ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

TITLE: POND SITE
LOCATION

PROJECT: OPTIMIST
PARK

DATE: 4-13-2015
BY: MPJ
CHECKED: EPR



Memorandum

Title: Optimist Park Pond Location

Location: Optimist Park parking lot – looking west towards STH 32/57

Date: 4/15/2015



Pond Location – South end



Pond Location – North end

City of De Pere
Project 17-09 - Optimist Park Pond
Preliminary Cost Estimate
April 13, 2015

Item #	Bid Item	Unit	Bid Amount	Unit Price	Total
STORM SEWER					
ST-01	Provide 24" RCP CL III Storm Sewer	LF	160	\$80.00	\$12,800.00
ST-02	Remove and Relay 12" RCP CL III Storm Sewer	LF	10	\$40.00	\$400.00
ST-03	Remove and Replace 6' Diameter Storm Manhole	VF	14	\$600.00	\$8,400.00
ST-04	Provide Outlet Structure - 24" Diameter	LS	1	\$7,000.00	\$7,000.00
ST-05	Provide 24" Diameter Concrete Endwall	EA	1	\$1,200.00	\$1,200.00
ST-06	Bulkhead and Abandon Storm Sewer	LS	1	\$500.00	\$500.00
STREET AND DRAINAGE					
SD-01	Provide Clearing and Grubbing	LS	1	\$3,000.00	\$3,000.00
SD-02	Provide Unclassified Excavation	CY	12000	\$7.50	\$90,000.00
SD-03	Construct Drainage Swale	LF	100	\$5.00	\$500.00
SD-04	Remove and Replace 4" Sidewalk	SY	25	\$50.00	\$1,250.00
SD-05	Remove and Replaced Concrete Curb and Gutter	LF	20	\$30.00	\$600.00
SD-06	Provide Crushed Aggregate Base Course	Tons	20	\$15.00	\$300.00
SD-07	Provide Landscaping - Topsoil, Mulch, and Upland Seeding Meadow Seeding	SY	1800	\$3.00	\$5,400.00
SD-08	Provide Landscaping - Topsoil, Mulch, and Wet Meadow Seeding	SY	1050	\$8.00	\$8,400.00
SD-09	Provide Landscaping - Emergent Plantings	SY	800	\$12.00	\$9,600.00
SD-10	Provide Landscaping - Topsoil, Seed, and Mulch	SY	4650	\$2.00	\$9,300.00
SD-11	Provide Goose Protection Fencing	LS	1	\$1,000.00	\$1,000.00
SPECIAL CONSTRUCTION					
SC-01	Provide Silt Fence	LF	400	\$2.00	\$800.00
SC-02	Provide Inlet Protection	EA	3	\$50.00	\$150.00
SC-03	Provide Erosion Control Revegetation Mat, Class II,	SY	150	\$2.50	\$375.00
SC-04	Provide Erosion Control Revegetation Mat, Class I, Type A	SY	3300	\$1.50	\$4,950.00
SC-05	Provide Rip Rap (Heavy) with Geotextile Fabric Type HR	SY	25	\$50.00	\$1,250.00
SC-06	Provide Rip Rap (Medium) with Geotextile Fabric Type HR	SY	50	\$30.00	\$1,500.00
SC-07	Provide Rip Rap (Medium) with Geotextile Fabric Type HR	SY	0	\$25.00	\$0.00
SC-08	Provide Tracking Pad	EA	1	\$1,000.00	\$1,000.00
SC-09	Remove Light Poles	EA	6	\$1,500.00	\$9,000.00
SC-10	Remove Fence	LS	1	\$2,000.00	\$2,000.00
SC-11	Remove Scoring Building	LS	1	\$3,000.00	\$3,000.00
SC-12	Remove Score Board	LS	1	\$500.00	\$500.00
SC-13	Remove and Salvage Infield Ball Diamond Soil Mix	LS	1	\$500.00	\$500.00
SC-14	Remove Dugouts and Concrete	LS	1	\$200.00	\$200.00
PROFESSIONAL SERVICES					
PS-01	Construction Staking	LS	1	\$3,000.00	\$3,000.00

Construction Cost \$187,875.00
Engineering and Administration \$37,600.00
Total Project Cost \$225,475.00

City of De Pere
2015 Stormwater Utility
Adopted Budget

Expenditures			2013	2014	2014	2014	2015	2015 / 2014
Account Title			Year End	Adopted	6 mos	Year End	Adopted	Budget
			Actual	Budget	Actual	Estimate	Budget	% Of Change
REVENUES								
650	41000	000	Residential	\$ 498,613	\$ 544,338	\$ 543,849	\$ 543,849	\$ 584,000 7.29%
650	42000	000	Non-Residential-NR	460,760	464,316	507,806	507,806	549,851 18.42%
650	43000	000	Agricultural	0	0	0	0	0 0.00%
650	44000	000	Tax Exempt	134,469	125,607	145,271	145,271	154,075 22.66%
650	45000	000	Underdeveloped & Other	24,673	27,979	24,140	24,140	24,140 -13.72%
			Fund Balance	0	357,329	0	0	0 0.00%
TOTAL REVENUES			\$ 1,118,515	\$ 1,519,569	\$ 1,221,066	\$ 1,221,066	\$ 1,312,066	-13.66%

↑
**STORM
WATER
BUDGET**

Final Report

City of De Pere Nonpoint Pollution WinSLAMM Analysis

Prepared for the:
City of De Pere
925 South Sixth Street
De Pere, WI 54115

Prepared by:
Earth Tech, Inc.
1020 N. Broadway, Suite 400
Milwaukee, WI 53202

March 2008



A **tyco** International Ltd. Company

APPENDIX D

EXISTING "WITH CONTROLS" LOADS BY SUBBASIN IN ORDER OF SUBBASIN TSS LOAD

(Subbasins with highest TSS loads are listed first)

Appendix D

Existing "With Controls" Loads by Subbasin (Loads in Descending Order)

Subbasin	Modeled Area (acres)	Total Suspended Solids (TSS)		Total Phosphorus	
		(lbs / 5 years)	(tons/yr)	(lbs / 5 years)	(lbs/yr)
FW200A	368.8	403,460	40.35	1444.5	288.9
AC090A	161.2	297,391	29.74	622.9	124.6
AC050A	231.0	283,111	28.31	920.9	184.2
ER030A	257.2	268,405	26.84	1035.5	207.1
FW070A	201.7	259,076	25.91	867.7	173.5
FE050A	164.5	183,961	18.40	697.3	139.5
FE150A	135.0	169,335	16.93	586.0	117.2
FE110A	119.3	137,760	13.78	491.4	98.3
FE030A	107.4	135,056	13.51	428.8	85.8
FW070B	95.5	111,241	11.12	385.5	77.1
AC060A	37.8	82,780	8.28	184.0	36.8
FE270A	39.1	78,414	7.84	155.2	31.0
AC100D	285.2	73,288	7.33	495.1	99.0
FW160A	55.1	71,480	7.15	243.2	48.6
FW200C	52.4	62,746	6.27	144.6	28.9
ER040A	50.5	55,658	5.57	194.0	38.8
FW290C	63.6	55,080	5.51	136.1	27.2
ER010A	185.7	55,014	5.50	376.4	75.3
ER040B	61.9	53,808	5.38	208.9	41.8
FE070A	38.9	53,228	5.32	173.1	34.6
AC070A	62.8	52,815	5.28	177.6	35.5
FW200E	93.9	52,620	5.26	253.9	50.8
FE130A	35.1	51,047	5.10	161.7	32.3
FE190A	50.3	50,915	5.09	167.4	37.5
FW290B	123.9	50,531	5.05	283.2	56.6
FW010A	27.6	48,472	4.85	108.5	21.7
ER100A	31.5	46,711	4.67	102.0	20.4
FW180A	49.2	45,773	4.58	180.6	36.1
ER050A	126.9	42,398	4.24	268.5	53.7
ER020A	70.9	41,170	4.12	184.0	36.8
FW280A	34.9	40,111	4.01	137.4	27.5
FE160A	32.0	40,029	4.00	139.1	27.8
AC010A	21.9	36,548	3.65	89.6	17.9
FE280A	37.5	36,286	3.63	137.0	27.4
AC100B	108.6	33,922	3.39	187.3	37.5
FW280B	64.1	33,204	3.32	125.8	25.2
FE210A	32.3	33,134	3.31	129.7	25.9
FE240A	30.5	31,831	3.18	124.2	24.8
AC160A	16.3	30,385	3.04	65.6	13.1
FE260B	42.9	29,221	2.92	91.9	18.4
FE020A	23.7	26,919	2.69	77.3	15.5
ER050B	80.5	26,322	2.63	169.3	33.9
FW200B	21.5	25,769	2.58	61.8	12.4
AC055A	22.0	24,018	2.40	67.6	13.5
AC050B	57.0	23,551	2.36	127.2	25.4
FW200D	38.7	19,486	1.95	76.9	15.4
AC040A	12.7	19,084	1.91	56.8	11.4
FW100A	11.3	18,202	1.82	51.2	10.2
ER065A	8.5	17,624	1.76	40.2	8.0
FE170A	15.9	17,451	1.75	61.6	12.3

Appendix D

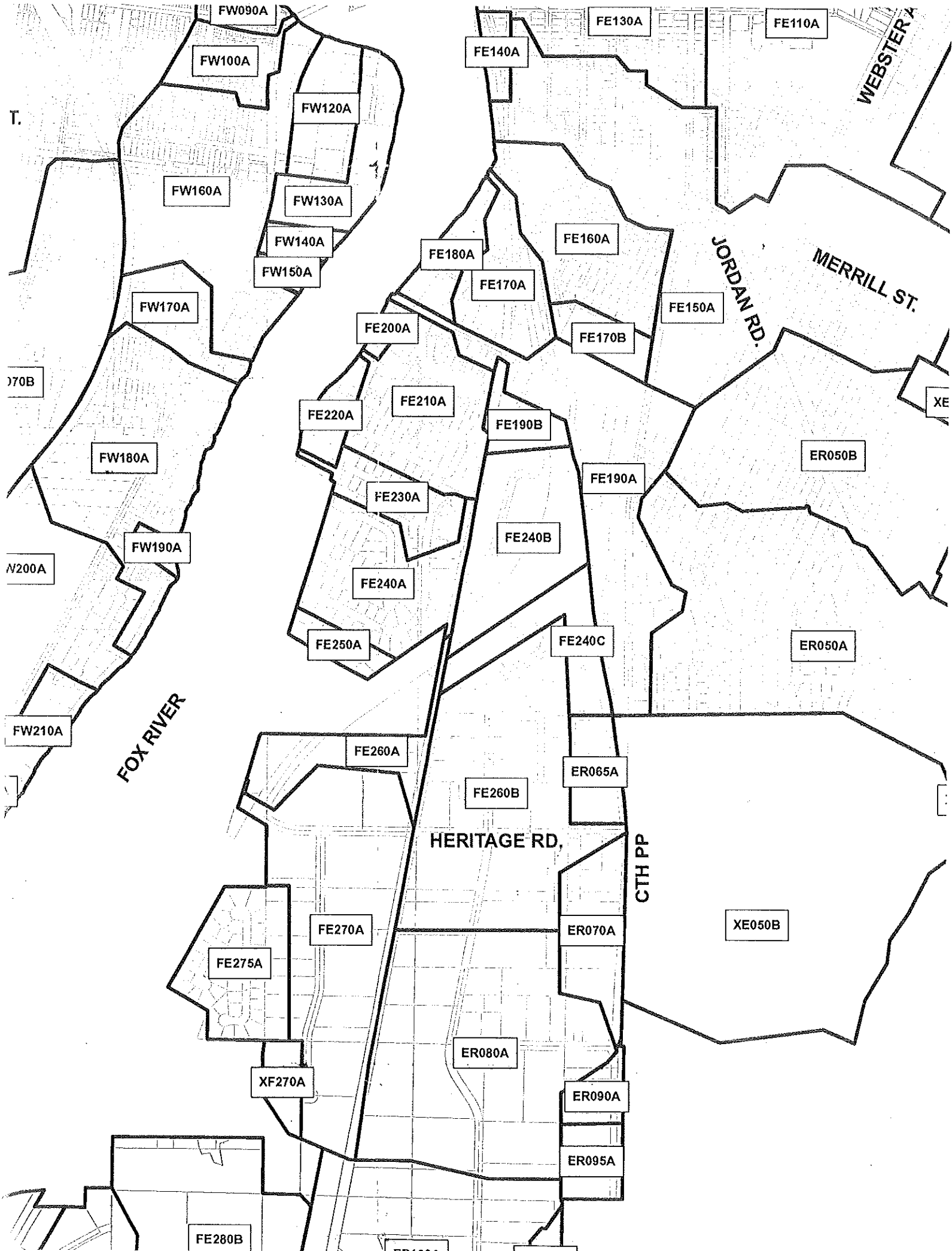
Existing "With Controls" Loads by Subbasin (Loads in Descending Order)

Subbasin	Modeled Area (acres)	Total Suspended Solids (TSS)		Total Phosphorus	
		(lbs / 5 years)	(tons/yr)	(lbs / 5 years)	(lbs/yr)
XA100A	24.9	17,259	1.73	67.1	13.4
FW250A	15.6	16,321	1.63	63.4	12.7
ER080A	32.8	15,568	1.56	60.8	12.2
FW270A	14.8	15,125	1.51	59.2	11.8
FE260A	10.8	14,999	1.50	32.4	6.5
ER060A	28.8	14,711	1.47	71.4	14.3
FE010A	7.4	14,705	1.47	33.6	6.7
ER095A	6.3	14,460	1.45	24.9	5.0
FE230A	13.2	13,989	1.40	54.4	10.9
FW170A	12.7	13,855	1.39	52.3	10.5
FE090A	9.1	12,099	1.21	36.5	7.3
FE190B	6.0	11,913	1.19	27.1	5.4
FE240C	5.8	11,343	1.13	23.8	4.8
FW210A	10.5	11,055	1.11	42.9	8.6
FW060A	8.8	10,598	1.06	36.2	7.2
FE080A	19.4	10,215	1.02	44.3	8.9
FE040A	11.3	9,911	0.99	39.8	8.0
FE180A	9.1	9,753	0.98	36.5	7.3
ER015A	32.4	8,643	0.86	59.6	11.9
ER090A	3.5	8,512	0.85	17.6	3.5
AC120A	10.1	8,008	0.80	32.8	6.6
ER070A	15.2	7,530	0.75	29.2	5.8
FE275A	24.7	7,493	0.75	47.4	9.5
FE010B	12.8	7,127	0.71	28.9	5.8
AC140A	26.9	6,834	0.68	49.3	9.9
AC080A	4.4	6,800	0.68	17.3	3.5
AC150A	39.5	6,500	0.65	54.1	10.8
FW230A	6.2	6,451	0.65	25.1	5.0
FE060A	8.2	6,300	0.63	25.9	5.2
FE250A	5.4	5,695	0.57	22.1	4.4
FE170B	7.7	5,406	0.54	23.8	4.8
AC130A	19.7	5,388	0.54	38.4	7.7
AC030A	2.2	5,242	0.52	11.3	2.3
FW300A	4.7	4,942	0.49	19.1	3.8
FW090A	2.8	4,690	0.47	12.9	2.6
FE240B	15.8	4,175	0.42	30.4	6.1
FW040A	2.9	4,055	0.41	11.4	2.3
FW150A	2.7	4,004	0.40	12.7	2.5
FW020A	3.3	3,472	0.35	13.5	2.7
FE140A	4.0	3,148	0.31	11.0	2.2
FW190A	2.4	2,538	0.25	9.9	2.0
FW220A	2.0	2,129	0.21	8.3	1.7
FE120A	1.3	2,086	0.21	5.8	1.2
FE280C	3.4	1,763	0.18	8.1	1.6
AC110A	4.3	1,631	0.16	9.2	1.8
FE100A	0.9	1,629	0.16	4.0	0.8
XE280D	1.6	1,583	0.16	6.2	1.2
XE280C	0.8	797	0.08	3.1	0.6
ER110A	0.2	523	0.05	0.9	0.2
XE050B	0.4	472	0.05	1.8	0.4

Appendix D

Existing "With Controls" Loads by Subbasin (Loads in Descending Order)

Subbasin	Modeled Area (acres)	Total Suspended Solids (TSS)		Total Phosphorus	
		(lbs / 5 years)	(tons/yr)	(lbs / 5 years)	(lbs/yr)
FE280B	1.2	267	0.03	1.7	0.3
FW030A	0.2	158	0.02	0.6	0.1
Totals	4617.8	4,319,710	432.0	15,176	3,035



reference to the waiver.

Sue Schinkten made a motion to close the meeting at 7:00 p.m., seconded by Bill Volpano.

Sue Schinkten made a motion to deny the request and ask they pursue sponsorships for the pavilions to cover the cost, but the parking lot would still be used as last year, seconded by Bill Volpano.

RESULT:	ADOPTED [3 TO 1]
MOVER:	Sue Schinkten, Board Member
SECONDER:	Bill Volpano, Board Member
AYES:	Sue Schinkten, Bill Volpano, Michael Donovan
NAYS:	Rod Kowalczyk
EXCUSED:	George Brown, Larry Lueck, Lisa Rafferty

3. Consider changes to Optimist Park Master Plan.

Marty Kosobucki reviewed the changes to the Optimist Park Master Plan and reviewed it with the board members.

Mike Donovan made a motion to open the meeting at 7:10 p.m., seconded by Sue Schinkten.

Ton Meeuwsen spoke with the board about the need for the changes to Optimist Park and took questions from the board members.

Sue Schinkten made a motion to close the meeting at 7:15 p.m., seconded by Rod Kowalczyk.

Marty Kosobucki took more questions from the board in reference to the changes.

RESULT:	ADOPTED [UNANIMOUS]
MOVER:	Sue Schinkten, Board Member
SECONDER:	Rod Kowalczyk, Board Member
AYES:	Sue Schinkten, Bill Volpano, Michael Donovan, Rod Kowalczyk
EXCUSED:	George Brown, Larry Lueck, Lisa Rafferty

4. Review swimming pool staffing issue and consider options.

Marty Kosobucki reviewed the swimming pool staff issues.

Stephanie Schlag, Recreation Supervisor spoke with the board in reference to the need for the changes. Stephanie took questions from the board and reviewed the staffing issues with the board.



ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

TITLE: OPTIMIST PARK

PROJECT: PARK MASTER
PLAN

DATE: 4-15-2015
BY: MPJ
CHECKED: EPR



City of De Pere

925 South Sixth Street
De Pere, Wisconsin 54115-1199
Phone: 920-339-8304
Fax: 920-339-4071
Cell: 920-639-1000

Eric P. Rakers, PE
City Engineer
erakers@mail.de-pere.org
www.de-pere.org

April 13, 2015

Mr. Joseph Walch and Mrs. Marian Walch
920 South Superior Street
De Pere, WI 54115

Re: Optimist Park Storm Water Pond Construction
City of De Pere

Dear Mr. and Mrs. Walch,

The purpose for this letter is to notify you of a proposed storm water pond near property you own near Optimist Park. The City of De Pere is planning construction of a storm water pond in Optimist Park in 2017. The pond will be located in the southwest portion of the park. Attached in this letter is a preliminary drawing of the pond location. The purpose of this pond would be to treat storm water in this area before it is discharged into the Fox River.

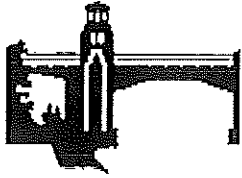
Please call me at (920) 339-8304 with any questions or concerns you may have regarding this proposed pond.

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Eric P. Rakers, P.E.
City Engineer

EPR/pjd



City of De Pere

925 South Sixth Street
De Pere, Wisconsin 54115-1199
Phone: 920-339-8304
Fax: 920-339-4071
Cell: 920-639-1000

Eric P. Rakers, PE
City Engineer
erakers@mail.de-pere.org
www.de-pere.org

April 13, 2015

Lochman Enterprises LLC
P.O. Box 834
Green Bay, WI 54305-0834

Re: Proposed Optimist Park Storm Water Pond Construction
City of De Pere

Dear Property Owner,

The purpose for this letter is to notify you of a proposed storm water pond near property you own near Optimist Park. The City of De Pere is planning construction of a storm water pond in Optimist Park in 2017. The pond will be located in the southwest portion of the park. Attached in this letter is a preliminary drawing of the pond location. The purpose of this pond would be to treat storm water in this area before it is discharged into the Fox River.

Please call me at (920) 339-8304 with any questions or concerns you may have regarding this proposed pond.

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Eric P. Rakers, P.E.
City Engineer

EPR/pjd



Notice: This form must be completed and approved by the DNR before grant funds can be expended for land acquisition. Please complete all sections. Use additional page if necessary. Collection of this information is authorized under ss. 23.0915 - 23.0917, Wis. Stats. Failure to provide this information may result in denial or repayment of grant awards. Personal information collected on this form will be used for management of DNR programs and grants. Information may be made available to requesters under Wisconsin's Open Records laws (ss. 19.31-19.39, Wis. Stats.).

1. General Information

Applicant Name	Project / Parcel	County
De Pere, City of	Optimist Park Storm Water Pond	Brown
Property Owner Name	Property Street Address	
De Pere, City of	925 South Sixth Street, De Pere, WI 54115	
Close / Intersecting Roads		
South Broadway Street and Cook Street		

Legal Description:	1/4 / 1/4	1/4	Section(s)	Township	Range	E / W
	PCL A	Ass. SubDiv of	1925 Lot 8 Whitney's Sub	PC 36 ESFR N		

2. Environmental Condition Statement of Property

Complete the checklist to the best of your knowledge through inspection of the site. Indicate if any of the following conditions currently exist on site:

Yes	No	With your mouse, click on yes or no
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Known spills, release of chemicals, hazardous substances or fuels
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Dumps, debris piles, stockpiles of waste, containers, barrels or drums
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sludge
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discolored or odorous soil
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Areas of stressed vegetation, absence of vegetation, areas previously burned
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unusual or noxious odors
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Discolored, polluted, foul water (in standing water, wells, or wetlands)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is an existing well located on site? If yes, where is it located? _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Old pipes, electrical equipment
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Unusual or irregular depressions or mounds on surface
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other evidence of possible contamination – If yes, describe: _____

If the answer to any question above is yes:

- Attach description or explanation and site map showing location of item(s) checked.
- The property may require a Phase I or further investigation/inspection. Talk to your regional grant specialist listed in the application form.

3. Land Use History

A. Current Uses of the Property:

<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Agriculture	<input type="checkbox"/> Orchards	<input type="checkbox"/> Railroads and Railroad Spurs	<input type="checkbox"/> Landfills
<input checked="" type="checkbox"/> Other – Explain: City Park					

B. Historical Uses of the Property (for the past 20 years):

<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Agriculture	<input type="checkbox"/> Orchards	<input type="checkbox"/> Railroads and Railroad Spurs
<input type="checkbox"/> Suspected Former Landfills	<input checked="" type="checkbox"/> Other – Explain: City Park			

C. To the best of your knowledge does the property have evidence of the following?

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has the site been used for the storage or warehousing of commercial or industrial materials?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there areas with a history or likelihood of underground storage tanks?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Are there monitoring wells on site?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is there any history of contamination on the property?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is there any history of contamination on any adjacent properties?

If you checked any boxes in Sections 3A or 3B above, or answered yes to any question in Section 3C, the property may require a Phase I or further investigation/inspection. Talk to your regional grant specialist listed in the application form.

Environmental Hazards Assessment

Form 1800-001 (R 10/08)

Page 2 of 2

4. Site Investigation DocumentationHas a Phase I or Phase II Site Investigation been completed on the property? ☐ Yes ☒ No

If yes, attach a copy of the conclusions.

5. Certification

I hereby certify that I have inspected the property and contacted the current owner regarding environmental contamination. The information provided is a full disclosure of my findings and is true and complete to the best of my knowledge.

Printed Name of Preparer

Eric Rakers

Title

City Engineer

Signature of Preparer



Date Signed

4/14/15

If you are submitting this form as a condition of a Nonpoint Targeted Runoff Management or Nonpoint Urban Storm Water-Construction grant, please also indicate the following:

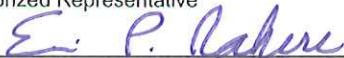
Printed Name of Authorized Representative

Eric Rakers

Title

City Engineer

Signature of Authorized Representative



Date Signed

4/14/15

Leave Blank – DNR Use Only**6. Search of DNR Records**

A. Does the property appear on the most recent version of the Bureau of Remediation and Redevelopment Tracking System (BRRTS)?

☐ Yes☐ No

If Yes, Site Name: _____ BRRTS Activity #: _____

B. Does the property appear on the most recent version of the DNR Registry of Waste Disposal Sites in Wisconsin?

☐ Yes☐ No

If Yes, Site Name: _____

C. Does the property appear on the most recent version of the Solid and Hazardous Waste Information Management System (SHWIMS)?

☐ Yes☐ No

If Yes, Site Name: _____

7. Conclusions☐ Based on the information available in DNR's Regional files at this time, no additional investigation recommended.☐ Further Investigation Needed; Consult with Region R&R Program for Recommendation

Printed Name of DNR Reviewer

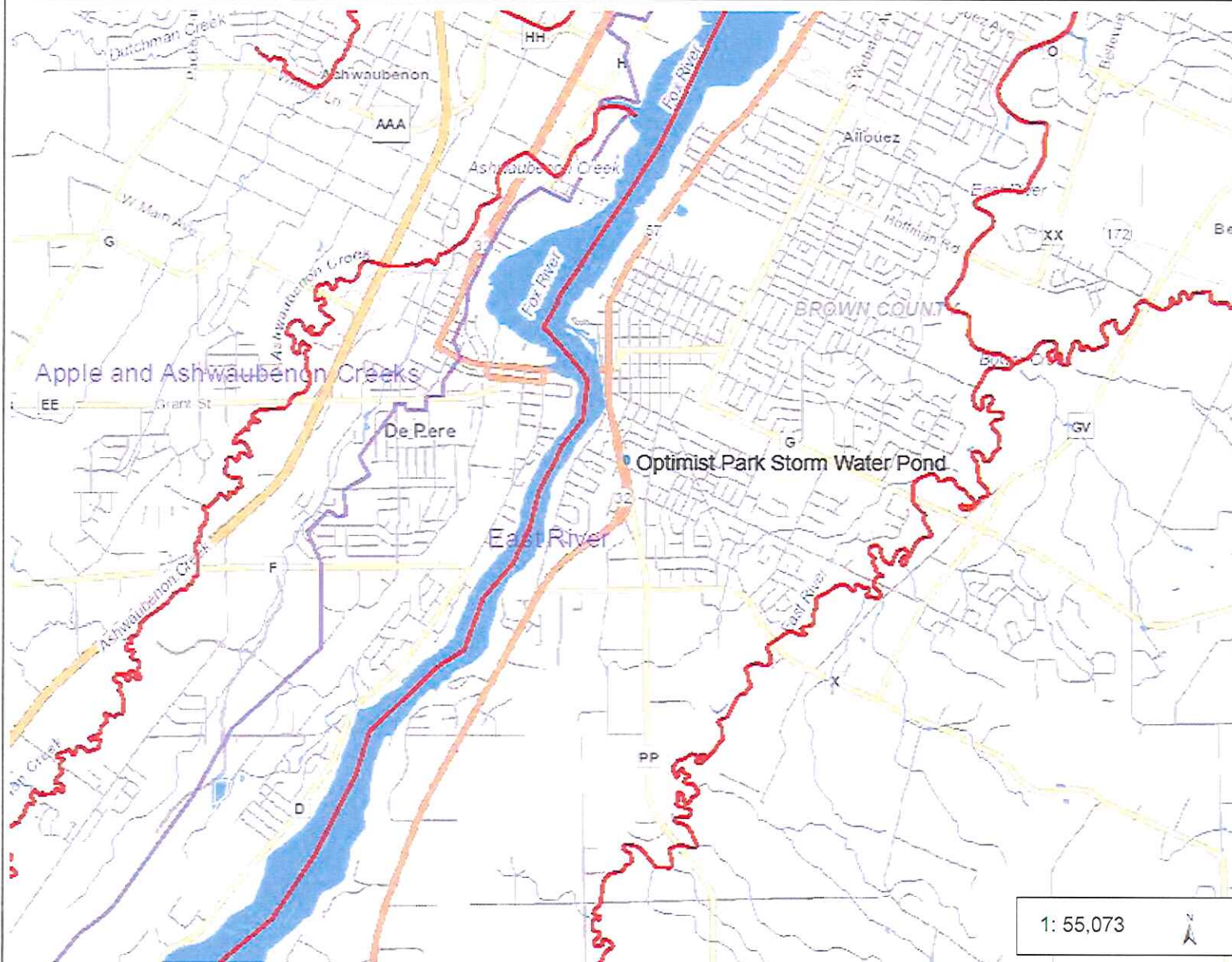
Title

Signature of DNR Reviewer

Date Signed



Surface Water Data Viewer Map



Legend

- Impaired Rivers and Streams
- Impaired Lakes
- Watersheds
- Lakes
- Rivers & Streams
- Rivers and Streams
- Open Water

1: 55,073



1.7 0 0.87 1.7 Miles

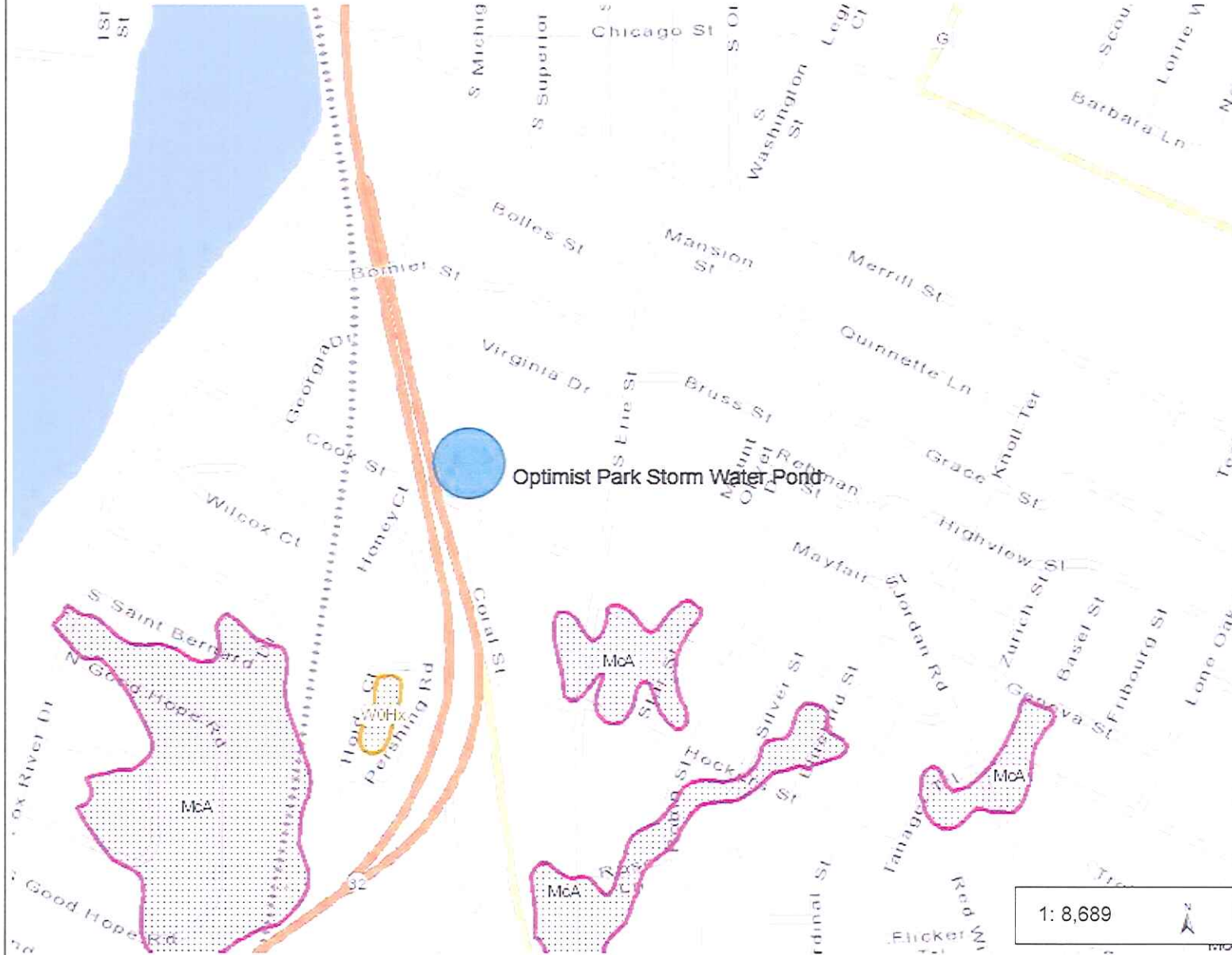
NAD_1983_HARN_Wisconsin_TM
© Latitude Geographics Group Ltd.

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>

Notes



Surface Water Data Viewer Map



Legend

Wetland Class Points

- Dammed pond
- Excavated pond
- Filled excavated pond
- Filled/draind wetland
- Wetland too small to delineate

Filled Points

Wetland Class Areas

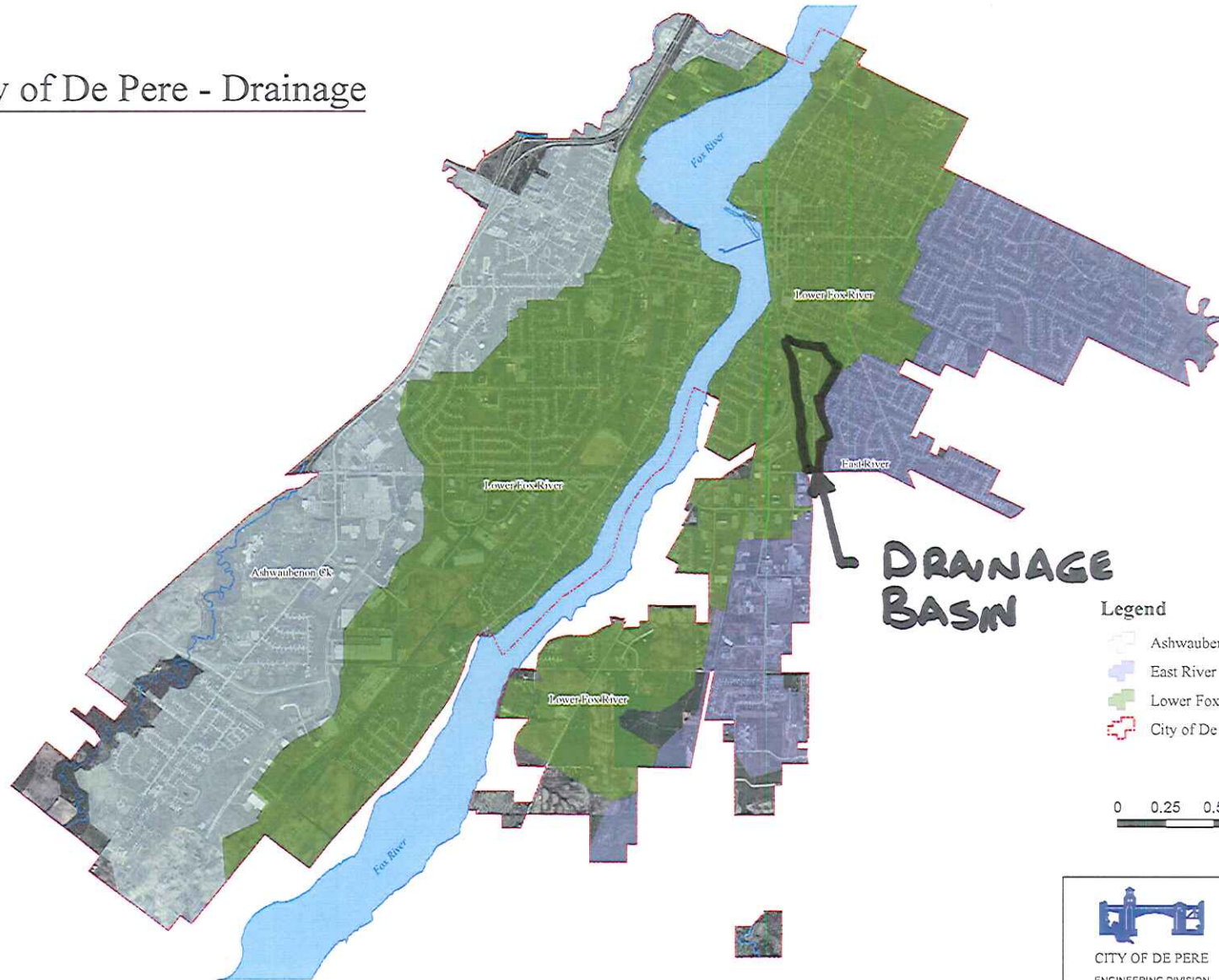
- Wetland
- Upland
- Filled Areas
- NRCS Wetspots
- Wetland Indicators
- Rivers and Streams
- Open Water

Notes

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/org/legal/>



City of De Pere - Drainage



Legend

- Ashwaubenon Ck
- East River
- Lower Fox River
- City of De Pere Boundary

0 0.25 0.5 1 Miles



CITY OF DE PERE
ENGINEERING DIVISION
925 S. SIXTH ST.
DE PERE, WI 54115
OFFICE 920-330-4061
FAX 920-330-4071

TITLE:
DRAINAGE MAP
PROJECT:
STORMWATER
MANAGEMENT
DATE: 4/9/2014
BY: BAW
CHECKED:

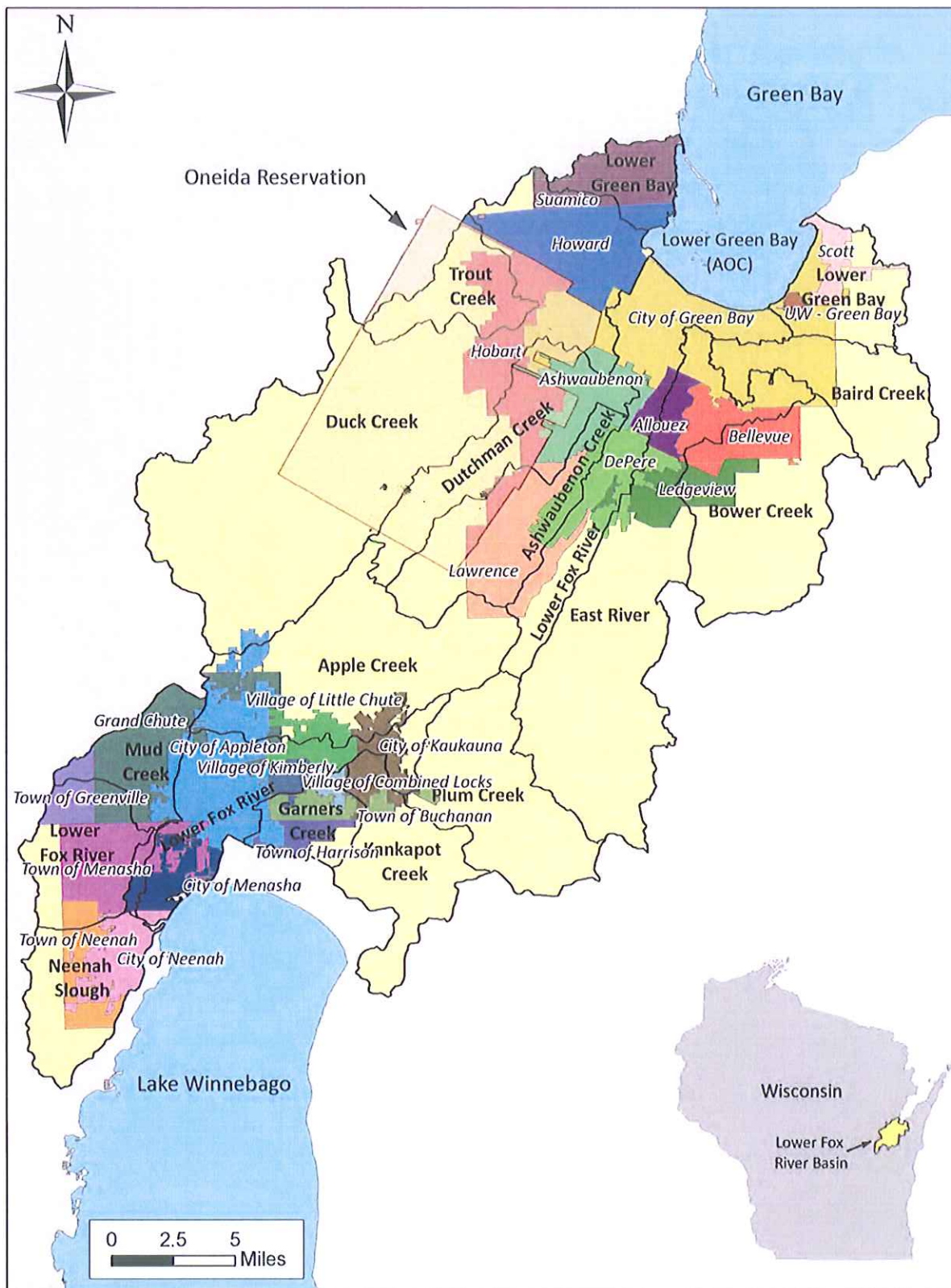


Figure 15. Location of MS4s in the LFR Basin



ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

FIGURE: PAGE 29

PROJECT: OPTIMIST PARK

TITLE: TMDL REPORT – LOWER FOX RIVER BASIN
(MARCH 2012)

LOWER FOX RIVER MAIN STEM SUB-BASIN

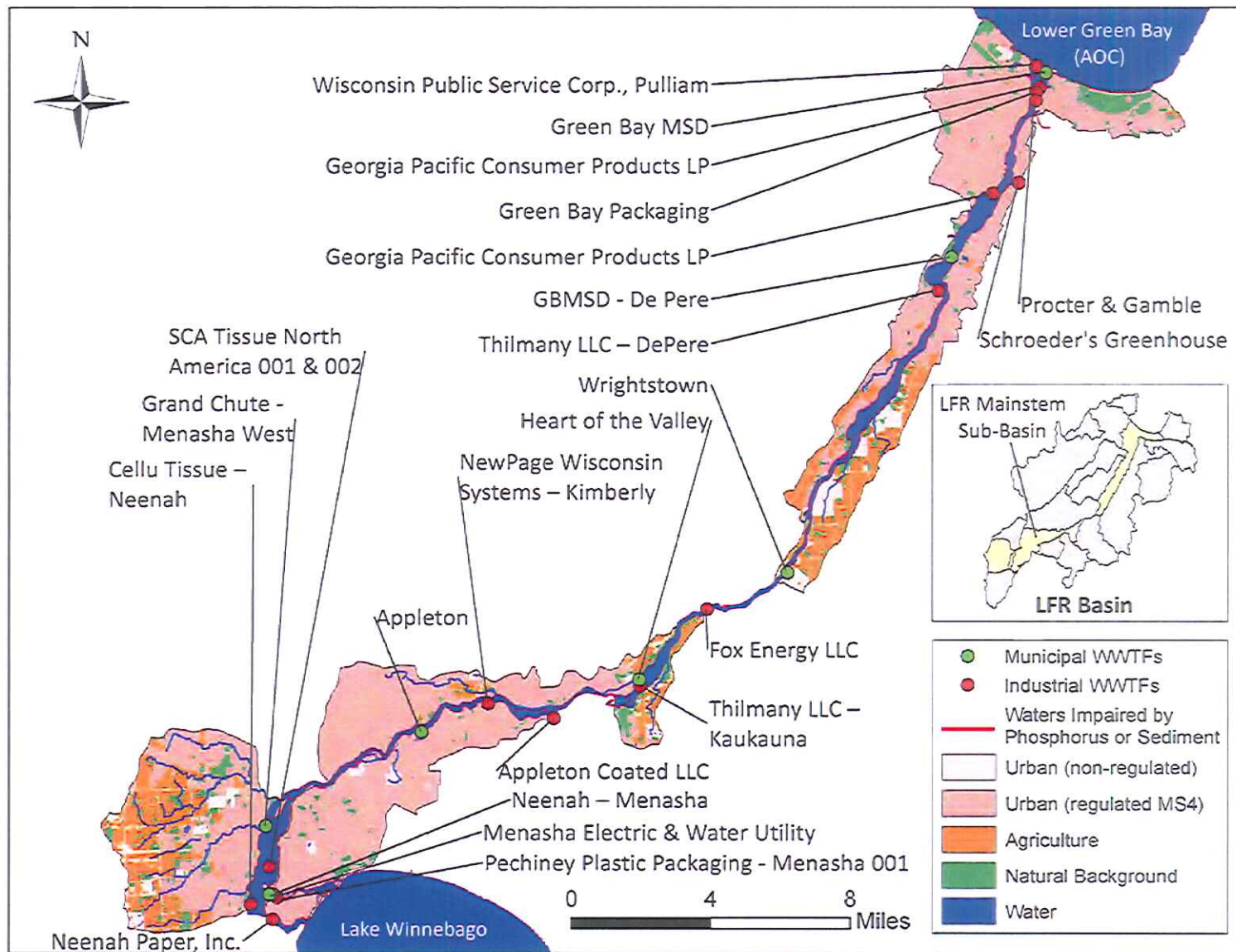


ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

FIGURE: PAGE 82

PROJECT: OPTIMIST PARK

TITLE: TMDL REPORT - LOWER FOX RIVER BASIN
(MARCH 2012)



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	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Agriculture	4,942,324	1,881,910	3,060,414	61.9%	5,152
Urban (non-regulated)	475,960	475,960	-	-	1,303
Natural Background	128,777	128,777	-	-	353
LOAD ALLOCATION	5,547,061	2,486,647	3,060,414	55.2%	6,808
Urban (MS4)	13,693,558	4,765,188	8,928,370	65.2%	13,046
Construction	1,094,974	218,995	875,979	80.0%	600
General Permits	79,753	79,753	-	-	218
WWTF-Industrial	2,378,520	2,378,520	-	-	6,512
WWTF-Municipal	1,133,351	1,133,351	-	-	3,103
WWTF Reserve Capacity	52,979	52,979	-	-	145
WASTELOAD ALLOCATION	18,433,135	8,628,786	9,804,349	53.2%	23,624
TOTAL (WLA + LA)	23,980,196	11,115,433	12,864,763	53.6%	30,432

Urban (MS4)	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Allouez	285,657	99,405	186,252	65.2%	272
Appleton	3,030,547	1,054,593	1,975,954	65.2%	2,887
Ashwaubenon	299,242	104,132	195,110	65.2%	285
Buchanan	28,603	9,953	18,650	65.2%	27
Combloss	123,837	43,094	80,743	65.2%	118
DePere	1,102,905	383,797	719,108	65.2%	1,051
GrandChute	524,839	182,637	342,202	65.2%	500
Green Bay	3,084,098	1,073,228	2,010,870	65.2%	2,938
Greenville	373,661	130,029	243,632	65.2%	356
Harrison	7,086	2,466	4,620	65.2%	7
Howard	2,220	773	1,447	65.2%	2
Kaukauna	410,816	142,959	267,857	65.2%	391
Kimberly	535,583	186,376	349,207	65.2%	510
Lawrence	198,889	69,211	129,678	65.2%	189
Ledgeview	66,978	23,308	43,670	65.2%	64
LittleChute	539,026	187,574	351,452	65.2%	514
Menasha	1,060,370	368,996	691,374	65.2%	1,010
Neenah	159,612	55,543	104,069	65.2%	152
T. Menasha	1,743,480	606,709	1,136,771	65.2%	1,661
T. Neenah	116,109	40,404	75,705	65.2%	111

WWTF-Industrial	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Appleton Coated LLC	249,129	249,129	-	-	682
Cellu Tissue - Neenah	53,937	53,937	-	-	148
Fox Energy LLC	5,042	5,042	-	-	14
Georgia Pacific Consumer Products LP (ex FJGBE)	105,698	105,698	-	-	289
Georgia Pacific Consumer Products LP (ex FJGBW)	175,717	175,717	-	-	481
Green Bay Packaging - Green Bay	108,259	108,259	-	-	296
Neenah Paper, Inc.	81,301	81,301	-	-	223
Menasha Electric & Water Utility	239	239	-	-	1
NewPage Wisconsin Systems - Kimberly	111,969	111,969	-	-	307
Pechiney Plastic Packaging - Menasha 001	3,373	3,373	-	-	9
Procter & Gamble	155,432	155,432	-	-	426
SCA Tissue North America	136,023	136,023	-	-	372
Schroeder's Greenhouse	341	341	-	-	1
Thilmany LLC - DePere	29,003	29,003	-	-	79
Thilmany LLC - Kaukauna	1,122,241	1,122,241	-	-	3,073
Wisconsin Public Service Corp., Pulliam	40,816	40,816	-	-	112

WWTF-Municipal	Total Suspended Solids Load (lbs/yr)			% Reduction from Baseline	Allocated (lbs/day)
	Baseline	Allocated	Reduction		
Appleton	169,857	169,857	-	-	465
GBMSD - De Pere	50,297	50,297	-	-	138
Grand Chute - Menasha West	225,925	225,925	-	-	619
Green Bay MSD	354,861	354,861	-	-	972
Heart of the Valley	147,003	147,003	-	-	402
Neenah - Menasha	180,258	180,258	-	-	494
Wrightstown	5,150	5,150	-	-	14



ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

FIGURE: PAGE 84

PROJECT: OPTIMIST PARK

TITLE: TMDL REPORT - LOWER FOX RIVER BASIN
(MARCH 2012)

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
----------------------	--------

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	272,488	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
Combloss	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 FJG8E)	3,826	3,826	-	-	10.48
Georgia Pacific Consumer Products LP (ex FJG8W)	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
ThiMany LLC - DePere	313	313	-	-	0.86
ThiMany 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	3,457	8,042	69.9%	9.49
Neenah - Menasha	19,412	6,275	13,137	67.7%	17.18
Wrightstown	246	246	-	-	0.67



ENGINEERING DIVISION
925 S. SIXTH ST
DE PERE, WI 54115
OFFICE 920-339-4061
FAX 920-339-4071

FIGURE: PAGE 83

PROJECT: OPTIMIST PARK

TITLE: TMDL REPORT - LOWER FOX RIVER BASIN
(MARCH 2012)