

Final Report
Urban Nonpoint Source & Storm Water Construction & Targeted Runoff Management Small-scale Urban TMDL Grant Program

Form 3400-189U (03/16)

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NOTICE: This document is required under s. 281.65 & s. 281.66, Wis. Stats., and chs. NR 153, 154, and 155, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Urban Nonpoint Source & Storm Water and Targeted Runoff Management Grant Programs and will not be used for any other purpose.

INSTRUCTIONS: Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Region Nonpoint Source Coordinator. Please read all instructions prior to completion.

Grant Type		
<input checked="" type="radio"/> Urban Nonpoint Source Construction <input type="radio"/> TRM Small-scale Urban TMDL		
Project & Location Information		
Governmental Unit Name		Grant Number
Grand Chute, Town of		USC-LF04-44020-14
Project Name		
Bluemound Drive Storm Water Facilities		
County	Watershed Name	12-Digit HUC
Outagamie	Mud Creek	040302040202
Project Contact Name	Phone Number	E-mail Address
Tom Marquardt	(920) 832-4771	Thomas.Marquardt@grandchute.net
<input checked="" type="checkbox"/> For a project with multiple site locations, an aerial photo map is attached with each site location labeled.		

Site Location - 1				Additional sites may be added to the project by clicking the [+ Loc] button.			
Site Name				Nearest Receiving Waterbody			
Bluemound South Pond				Mud Creek			
Quarter/Quarter	Quarter	Section	Township	Range	E / W	Latitude	Longitude
SE	SE	32	21	17	E	44.24439	-88.45632
Summary of Results - 1				Additional BMPs may be added to this site by clicking the [+] button.			
Best Management Practice Installed		Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction			Total Construction Cost
				TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)
Wet Detention Pond		9,583	14.3	85	1.1	6	
Site Location Attachment - 1							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site Information - 1							
Narrative space will expand to fit.							
Project location: latitude 44.24439, longitude -88.45632.							
The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a new stormwater quality pond. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.							
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

Site Location - 2		Additional sites may be added to the project by clicking the [+ Loc] button.	
Site Name		Nearest Receiving Waterbody	
Bluemound North Pond		Mud Creek	

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Quarter/Quarter NE	Quarter SE	Section 32	Township 21	Range 17	E / W E	Latitude 44.2483	Longitude -88.45633
Summary of Results - 2		Additional BMPs may be added to this site by clicking the [+] button.					
Best Management Practice Installed		Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction			Total Construction Cost
				TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)
Wet Detention Pond		23,087	49	86	3.5	20	
Site Location Attachment - 2							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site Information - 2							
<i>Narrative space will expand to fit.</i>							
Project location: latitude 44.2483, longitude -88.45633.							
The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a new stormwater quality pond. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.							
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

Site Location - 3		Additional sites may be added to the project by clicking the [+ Loc] button.					
Site Name				Nearest Receiving Waterbody			
Bluemound Biofilter 1				Mud Creek			
Quarter/Quarter NE	Quarter SE	Section 32	Township 21	Range 17	E / W E	Latitude 44.25084	Longitude -88.456
Summary of Results - 3		Additional BMPs may be added to this site by clicking the [+] button.					
Best Management Practice Installed		Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction			Total Construction Cost
				TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)
Bioretention for Infiltration		150	0.4	77	0.1		
Site Location Attachment - 3							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site Information - 3							
<i>Narrative space will expand to fit.</i>							
Project location: latitude 44.25084, longitude -88.456.							
The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a biofiltration device. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.							
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

Site Location - 4				Additional sites may be added to the project by clicking the [+ Loc] button.			
Site Name Bluemound Biofilter 2				Nearest Receiving Waterbody Mud Creek			
Quarter/Quarter SE	Quarter NE	Section 32	Township 21	Range 17	E / W E	Latitude 44.25297	Longitude -88.45598
Summary of Results - 4				Additional BMPs may be added to this site by clicking the [+] button.			
Best Management Practice Installed		Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction			Total Construction Cost
				TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)
Bioretention for Infiltration		130	0.5	66	0.1		
Site Location Attachment - 4							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site Information - 4							
<i>Narrative space will expand to fit.</i>							
Project location: latitude 44.25297, longitude -88.45598.							
The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a biofiltration device. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.							
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

Site Location - 5				Additional sites may be added to the project by clicking the [+ Loc] button.			
Site Name Bluemound Biofilter 3				Nearest Receiving Waterbody Mud Creek			
Quarter/Quarter SE	Quarter NE	Section 32	Township 21	Range 17	E / W E	Latitude 44.25392	Longitude -88.45597
Summary of Results - 5				Additional BMPs may be added to this site by clicking the [+] button.			
Best Management Practice Installed		Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction			Total Construction Cost
				TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)
Bioretention for Infiltration		123	0.3	79			
Site Location Attachment - 5							
Check the box if the required information for the site is attached:							
<input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s)				<input checked="" type="checkbox"/> Load reduction modeling documents			
<input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled				<input type="checkbox"/> Water quality monitoring results/summary, if applicable			
Site Information - 5							
<i>Narrative space will expand to fit.</i>							
Project location: latitude 44.25392, longitude -88.45597.							
The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a biofiltration device. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.							
<input checked="" type="checkbox"/> DNR may use this site as a success story to meet state and federal reporting needs.							

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Site Location - 6 Additional sites may be added to the project by clicking the [+ Loc] button.

Site Name **Nearest Receiving Waterbody**
Bluemound Biofilter 4 Mud Creek

Quarter/Quarter	Quarter	Section	Township	Range	E / W	Latitude	Longitude
NE	NE	32	21	17	E	44.25653	-88.45599

Summary of Results - 6 Additional BMPs may be added to this site by clicking the [+] button.

Best Management Practice Installed	Surface Area (sq. ft.)	Drainage Area (Acres)	Load Reduction				Total Construction Cost
			TSS %	TSS (tons/yr)	P (lbs/yr)	N (lbs/yr)	
Bioretention for Infiltration	106	0.6	59	0.1			

Site Location Attachment - 6

Check the box if the required information for the site is attached:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Photos of pre-and post-implementation of BMP(s) | <input checked="" type="checkbox"/> Load reduction modeling documents |
| <input checked="" type="checkbox"/> Aerial photo map of site with BMPs labeled | <input type="checkbox"/> Water quality monitoring results/summary, if applicable |

Site Information - 6

Narrative space will expand to fit.

Project location: latitude 44.25653, longitude -88.45599.

The Town of Grand Chute obtained a Construction Grant from WDNR for design and construction of a biofiltration device. The purpose of the construction project is to reduce non-point source pollution prior to discharge into Mud Creek, a 303(d) listed water body and is part of the Lower Fox River TMDL. The project will assist the Town with TMDL / NR 216 WPDES Municipal Permit compliance and NR 151.13 requirements. WinSLAMM was used to determine the pollutant reduction for the pond.

- ☒ DNR may use this site as a success story to meet state and federal reporting needs.


Additional Project Information

Narrative space will expand to fit.

Grantee Certification

A responsible government official (authorized signatory) must authorize and date the final report form and submit it electronically to the DNR Regional Nonpoint Source Coordinator.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments is correct and true.

Name of Authorized Government Official 	Title of Authorized Government Official Public Works Director	Date 8-17-17
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For DNR Use Only

- ☒ Received complete reports with all attachments. ☒ Practices implemented were consistent with the grant agreement.

Comments about this project:

Conducted site visit on 8/4/2017. Pictures available upon request.

Wisconsin Department of Natural Resources
Bureau of Watershed Management (WT/3)
101 S. Webster Street
PO Box 7921
Madison, WI 53707-7921
dnr.wi.gov

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For Departmental Use Only (continue)

Eric Evensen

Name of Nonpoint Source Coordinator

Eric Evensen

Date

8/21/2017

Send the Final Report and attachments to the Community Financial Assistance Grants Manager and to the Runoff Management Grants Coordinator. Keep a printed copy for the Region file.

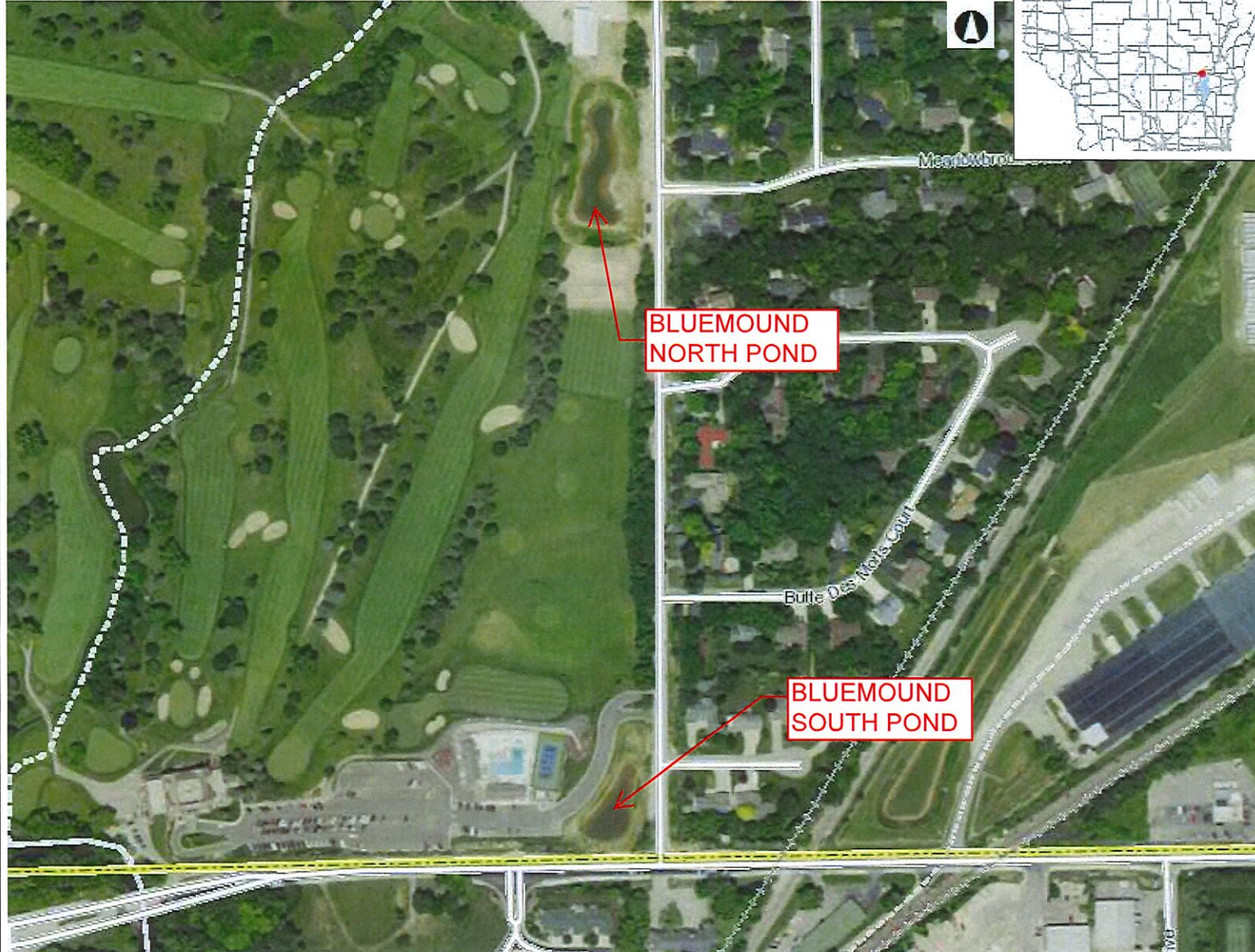


Bluemound Drive Storm Water Facilities



Legend

- Municipality
- State Boundaries
- County Boundaries
- Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
- County and Local Roads
 - County HWY
 - Local Road
- Railroads
- Tribal Lands
- Rivers and Streams
- Intermittent Streams
- Lakes and Open water



0.1 0 0.06 0.1 Miles

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1: 3,960

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Notes



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Notes

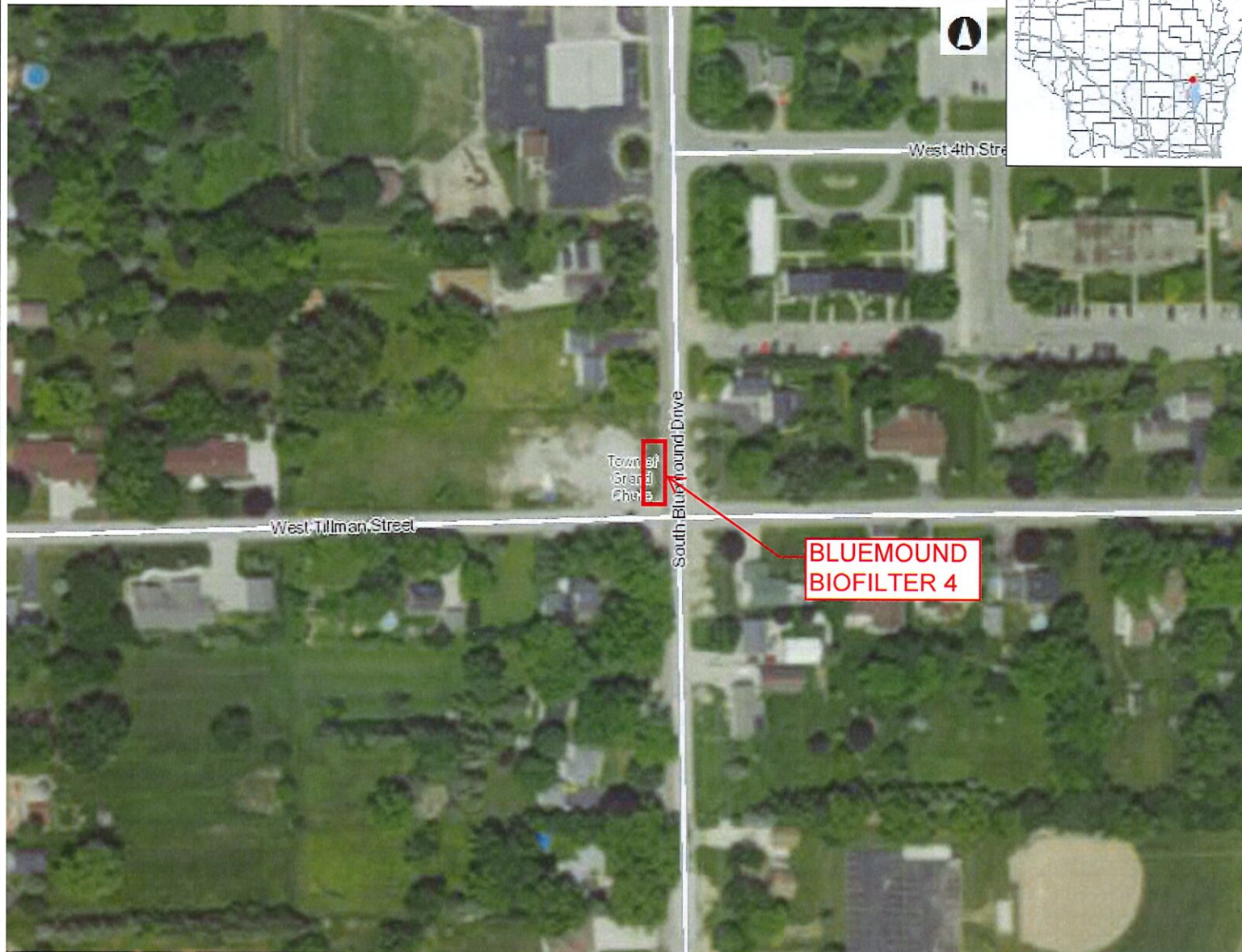


Bluemound Drive Storm Water Facilities



Legend

- Municipality
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- Intermittent Streams
- Lakes and Open water



0.1 0 0.03 0.1 Miles

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1: 1,980

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Notes

PRE-IMPLEMENTATION PHOTOS



PRE-IMPLEMENTATION PHOTOS



POST-IMPLEMENTATION PHOTOS



POST-IMPLEMENTATION PHOTOS



Bluemound Biofilter 1



Bluemound Biofilter 2



Bluemound Biofilter 3



Bluemound Biofilter 4

July 10, 2017