

NOV 15 2013

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR as described in the instructions.

1. GRANT TYPE. Check the one that applies.

- | | |
|---|--|
| <input type="checkbox"/> Targeted Runoff Management Grant – Agricultural | <input type="checkbox"/> Targeted Runoff Management Grant – Urban |
| <input checked="" type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction | <input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning |
| <input type="checkbox"/> Notice of Discharge Grant | |

2. PROJECT NAME & LOCATION.

2.1. Project Name: HORSESHOE PARK POND	2.2. Grant Number: USC-LF03-44241-09	
2.3. Governmental Unit Name: CITY OF KAUKAUNA	2.4. Primary Watershed Name: KONKAPOT CREEK	2.5. Watershed Code: 126800

NOTE FOR SECTION 2.6 (which follows):

Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6 Site Location(s) →	A.	B.	C.	D.	E.
Name of Cost-Share Recipient or Governmental Unit	HORSESHOE PARK POND				
Cost-Share Agreement Number (Agricultural only)					
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	040302040000	040302040203			
Nearest Surface Receiving Water Affected					
Name:	Kankapot Creek				
Waterbody Identification Code(s) (WBIC):	126800				
Nearest Impaired Water Affected					
Name:	Kankapot Creek				
Waterbody Identification Code(s) (WBIC):	126800				
Pollutants Reduced	Sediment and Phosphorus				
Impairments/Impacts Addressed	Reduces TSS and TP loads to a 303(d) listed waterbody				

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OCT 23 2013

DNR GREEN BAY

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	21				
Range	18E				
Section	25				
Quarter	NW				
Quarter-Quarter	NW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44, 16', 16"				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	88, 16', 10"				

3. SUMMARY OF RESULTS.

Table A. Agricultural Projects. – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

A.1. Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	acres	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	facilities	
	Number of animal units	animal units	
Manure Storage Facilities: Closure	Number of facilities	facilities	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	facilities	
	Number of animal units	animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	lbs.	
	Number of farms with diversions	farms	
	Number animal units	animal units	
Nutrient Management on Agricultural Land	Acres planned	acres	
Prohibition: Manure Storage Overflow	Number of farms	farms	
	Number of animal units	animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	farms	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	lbs.	
	Number of facilities	facilities	
	Number of animal units	animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

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Table A. Agricultural Projects. (continued)			
A.2. Other Management Measures		Units of Measure	Measurement Method Used
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		

Table B. Urban Construction Projects Serving Developed Areas.			
B.1. Required Management Measures	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	101479 lbs.	SLAMM
	TSS reduction	54 %	SLAMM
B.2. Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft³/year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	1 ft³/sec	SWMM
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other: Phosphorus Reduction 39.3% or 256.3 lbs	Pollutant load reduction (if method available)	256	SLAMM
	Units (use feet, acres or number as applicable)		

Table C. Urban Planning Projects.			
C.1. Governmental unit(s) involved (list by name):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

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planning product:	acres	acres	acres
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C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<input type="checkbox"/> Maintain infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

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5. Additional Information. (Space will expand to fit your text.)

None.

6. Summary of Project Challenges. (Space will expand to fit your text.)

Due to time constraints, the project was completed under less than ideal weather conditions, taking place fully within the 4th quarter of 2012. The winter months provided less flow to be bypassed, however working in snow and frost was a challenge. The outfall structure required the contractor to use heated tents and heated concrete to produce an acceptable finished product. Ground in some locations settled significantly, presumably due to frost in the backfill material, and needed to be regraded in the spring. The area was also heavily infested with garlic mustard, so much of the topsoil, which normally would be re-used on sight was not suitable; City had the contractor import suitable planting soils for the future prairie area. Soil preparation, tree planting and prairie plantings will occur throughout 2013 and Spring 2014.

7. Grantee Certification.

Checking here ☒ certifies that, to the best of your knowledge, the information contained in this report is correct.

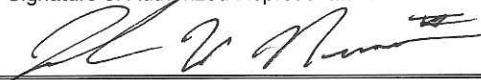
Name of Authorized Representative (type or print) ↓

John W. Neumeier

Title of Authorized Representative (type or print) ↓

Engineer/GIS Specialist

Signature of Authorized Representative



Date

10-7-2013

8. For Departmental Use Only.

Regional NPS Coordinator – Please complete the following:

8.A. Check here ☒ if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report.

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

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8.B. Comments about this project:

Project at substantial completion 4th Quarter 2012.
Pre + post project ^{field} monitoring not done, but SLAMM reductions
calculated.

8.C. Type or print Name of Regional NPS Coordinator →

Erin E. Hanson

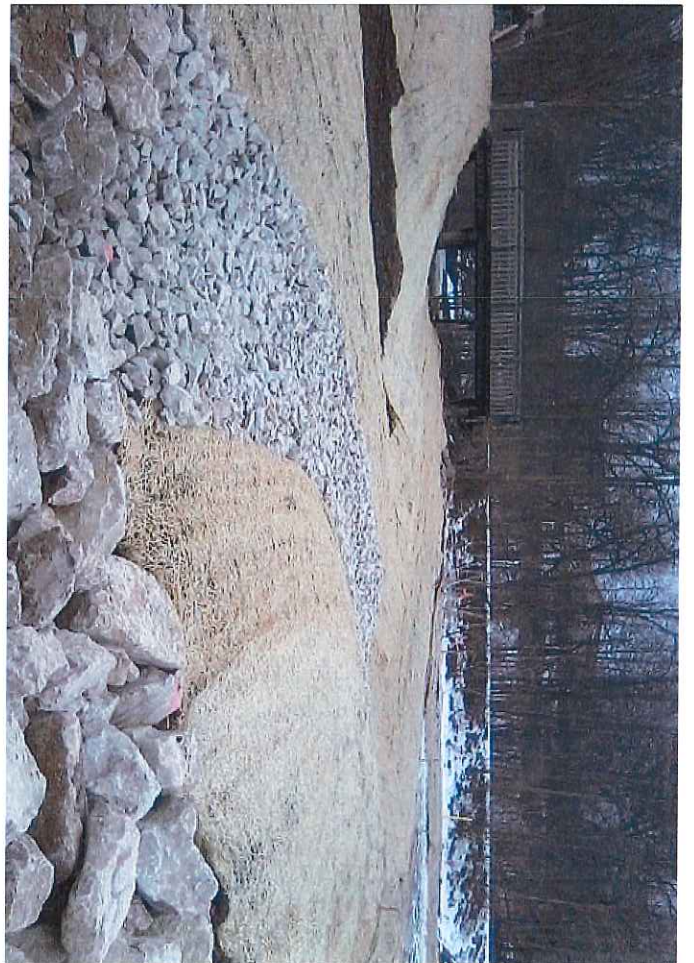
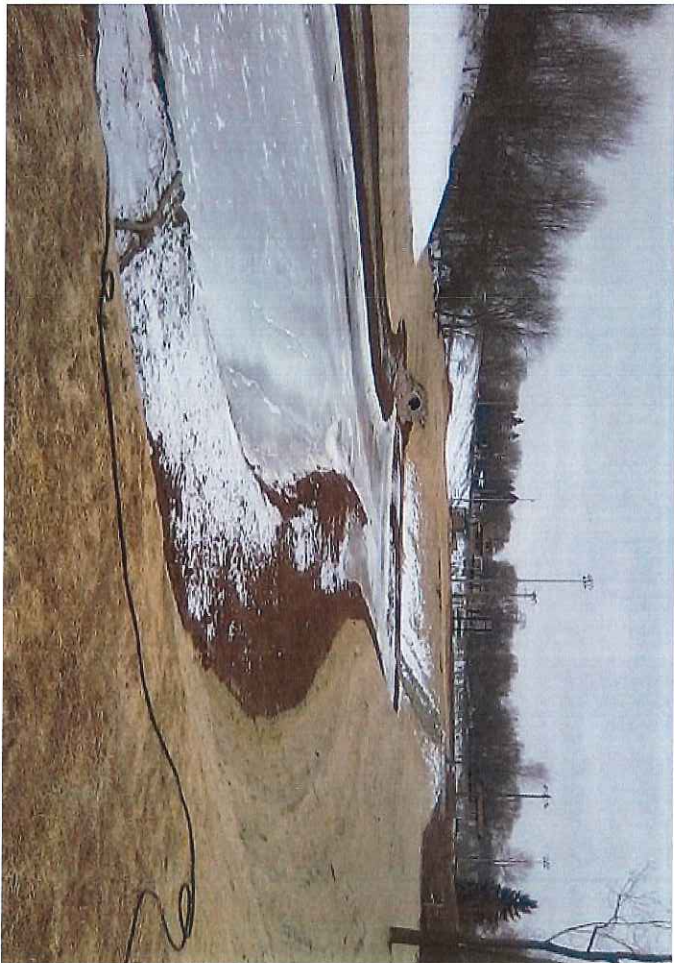
8.D. Signature of Regional NPS Coordinator

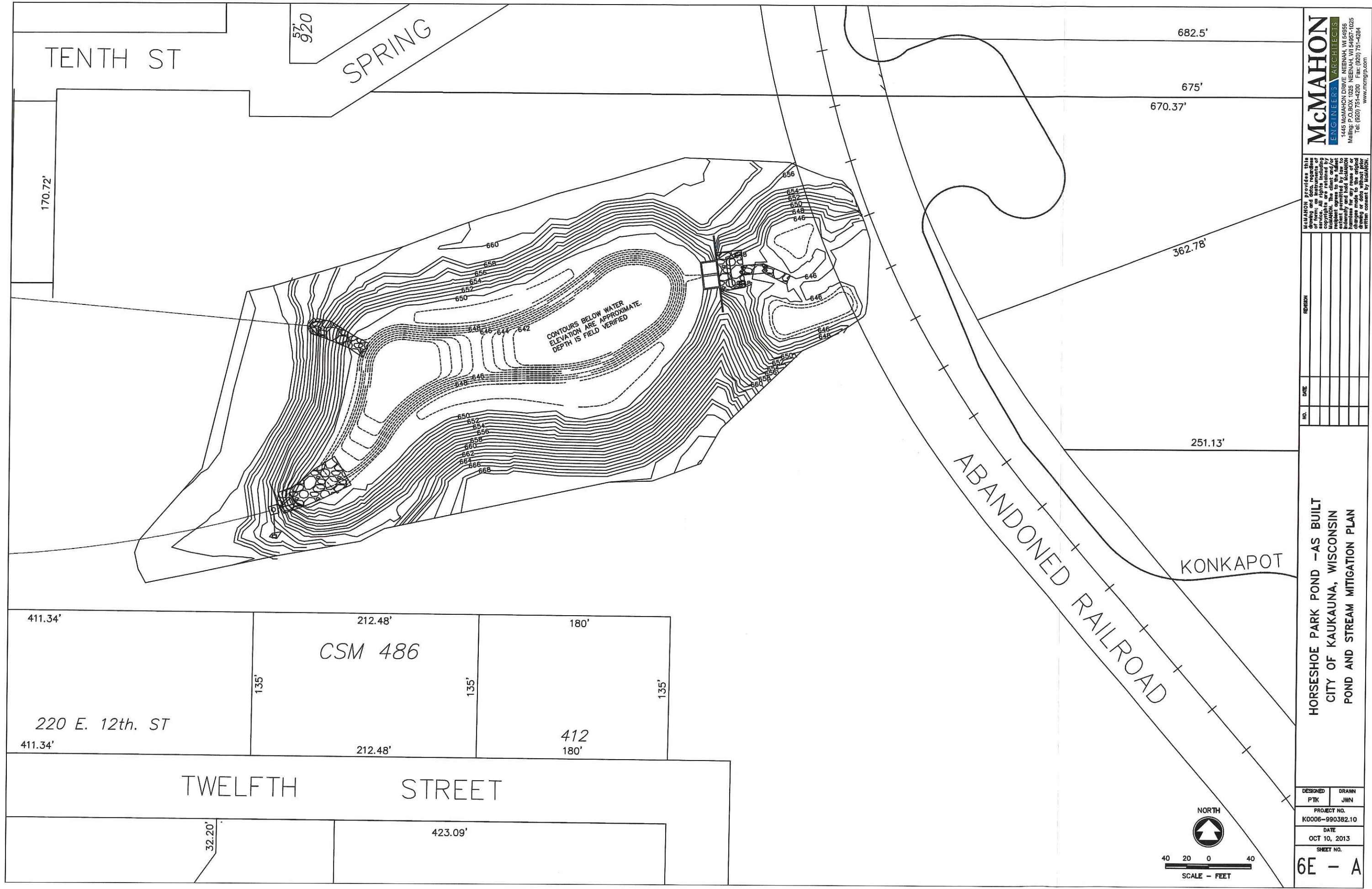
Erin E. Hanson

8.E. Date

11/12/13







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NO.	DATE	REVISION

HORSESHOE PARK POND -AS BUILT
CITY OF KAUKAUNA, WISCONSIN
POND AND STREAM MITIGATION PLAN

DESIGNED PTK	DRAWN JWN
PROJECT NO. K0006-990382.10	
DATE OCT 10, 2013	
SHEET NO.	

6E - A