

# **2009 Project Inspection Report**

**Prepared for**

**Clearwater River  
Watershed  
District**

**Wenck File # 0002-132**

**May 2009**

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## Tables

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**Table 1**  
**Clearwater River Watershed District**  
**Annual Project Inspection**  
**April 2008**

Project	Maintenance			Estimated Cost
	Required	Optional	No Action Now	
Upper Watkins Wetland Isolation Project (North)				
1. Summer weed control	✓			Kevin- 8 hrs + \$300 for equipment
2. Repair otter dugout in berm.	✓			Kevin- 4 hrs + \$200 for equipment
Watkins Wetland Treatment System (South) (see Photos 1 and 2)				
1. New overflow berms operating properly.			✓	
2. East side (Channel B) in good condition			✓	
3. Tile inlet and outlet in good condition.			✓	
4. Most ports in good condition.			✓	
Clear Lake Inlet V-Notch (North) (See Photo 3)				
1. Outlet structure in good condition.			✓	
Nistler Sedimentation Basin (see Photo 4).				
1. Sedimentation basin in good condition.			✓	
Kingston Wetland Treatment System (see Figures 1 & 2 and Photos 5 and 6)				
1. Repair washout in berm and install rock overflow berm.		✓		\$4,500
2. Water flowing through areas of 2008 sediment removal.			✓	
3. Overflow structure in good condition			✓	
Highway 55 Fish Trap				
1. Rely on Howard Schmidt report.			✓	

**Table 1**  
**Clearwater River Watershed District**  
**Annual Project Inspection**  
**April 2008**

Project	Maintenance			Estimated Cost
	Required	Optional	No Action Now	
Aerator Buildings (See Photo 7)				
1. Lake Augusta-Good condition, no maintenance needed.			✓	
2. Lake Marie- Good condition, no maintenance needed.			✓	
School Section Lake Outlet Project.				
1. Rely on Bob Rocheleau report.			✓	
Rest-a-While Wastewater Treatment System				
1. Replace phone modem.	✓			District has coordinated repair.
2. Add 2 yards Class 5.	✓			Kevin - 4 Hours + \$400 for materials
Hidden River Wastewater Treatment System				
1. Summer weed control and ditch mowing.	✓			Kevin- 8 hrs + \$300 for equipment
3. Pump septic tanks as required per schedule.	✓			Contract Pumper: Estimated \$3,000
Clearwater Harbor Wastewater Treatment System (See Photo 8)				
1. Summer weed control	✓			Kevin-8 hrs + \$300 for equipment
2. Pump and sand filter in need of repair.			✓	District has coordinated repairs.
Annandale Wetland Treatment System (see Figure 2 and Photo 9).				
1. Beaver dam that is blocking south channel needs to be removed.		✓		Kevin-16 hours + \$300 for equipment
2. Outlet structure in good condition.			✓	

**Table 1**  
**Clearwater River Watershed District**  
**Annual Project Inspection**  
**April 2008**

Project	Maintenance			Estimated Cost
	Required	Optional	No Action Now	
Pleasant Lake Outlet Project (See Photo 10)				
1. In good condition, no maintenance needed			✓	
Lake Augusta Erosion Control Project (See Photo 11).				
1. Outlet and riser in good condition.			✓	
Norton Ave Sediment Basin (See Photo 12)				
1. Erosion blanket in place.			✓	
Eddie Schultz Buffer (See Photo 13)				
1. No maintenance needed.			✓	
Wandering Ponds Wastewater System				
1. Rely on Miller report.			✓	
Henshaw Lake Outlet (See Photo 14)				
1. Outlet in good condition.			✓	
2. Fish barrier operating properly.			✓	
Swartout Lake Fish Barriers (See Photos 15 and 16)				
1. Outlet fish barrier has washout underneath gate.			✓	District has coordinated repair.
2. Barrier at inlet on southeast side of lake is in need of repair, (Wingwall Installation).			✓	District has coordinated repair.
Illsley Ave Fish Barrier (See Photo 17)				
1. Fish barrier in good condition and operating properly.			✓	
Segner Pond (See Figure 3 and Photos 18-20)				
1. Diversion structure operating properly.			✓	
2. Add limestone to three low spots in limestone berm.	✓			\$2,000
3. Riprap to repair washout on bank along sides of fish barrier.	✓			\$1,500

## **Table 2**

### **SEWER SYSTEM MAINTENANCE**

#### **Hidden River Wastewater System**

1. Individual septic tank pump out , based on sludge and scum depth, checked every two years.
2. Check inspection riser on drain field for broken or cracked pipes and caps.
3. Flush distribution lines in the sand filter.
4. Open control panel and check pump run lights at lift stations and treatment site.
5. Pull out pump effluent filters in dosing tank and clean
6. Check vegetation at treatment site, mow grass, and remove unwanted trees.
7. Open all manholes in the collection lines and look for signs of debris or plugging.

#### **Rest-a-While Wastewater Treatment System**

1. Individual septic tank pump out, based on sludge and scum depth, checked every two years.
2. Check inspection riser on drain field for broken or cracked pipes and caps.
3. Check aerator for proper operation.
4. Open control panel and check pump run lights at lift stations and treatment site.
5. Pull out pump effluent filters in dosing tank and clean.
6. Check vegetation at treatment site, mow grass, and remove unwanted trees.
7. Open all manholes in the collection lines and look for signs of debris or plugging.
8. Check access road for erosion. Crushed rock may need to be applied.
9. Check sediment basins for depth to sediment and erosion.

#### **Clearwater Harbor Wastewater Treatment System**

1. Check community septic tank monthly. Pump as needed.
2. Check inspection riser on drain field for broken or cracked pipes and caps.
3. Flush distribution lines in the sand filter.
4. Open control panel and check pump run lights at lift stations and treatment site.
5. Pull out pump effluent filters in dosing tank and clean.
6. Check vegetation at treatment site, mow grass, and remove unwanted trees.
7. Open all manholes in the collection lines and look for signs of debris plugging.

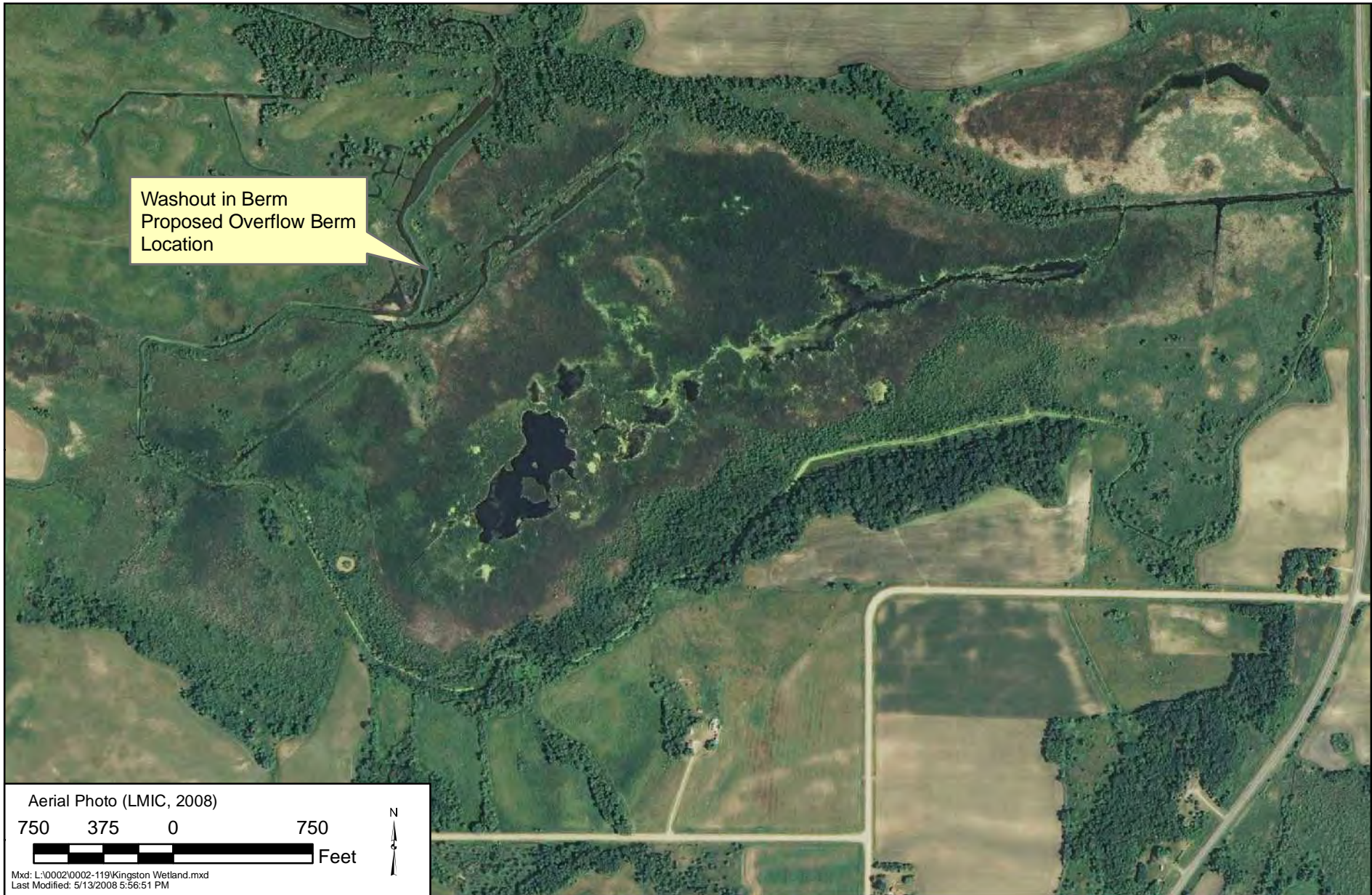
**Table 3  
Hidden River Pumping Schedule**

Parcel ID #	Address	Date Tank Installed	Permit #	Block	Lot	2003	2004	2005	2006	2007	2008	2009	Notes:	Name
19.10722.560	14656 Hidden River Dr.	8/1/2003	18-18458	5	2			05		07		09		Christopher & Marie Schneider
19.10722.565	14687 Hidden River Dr.	No Records Found		OUTLOT A										
19.10722.558	14688 Hidden River Dr.	9/23/2004	19-19331	5	1				06					Michael Merten
19.10722.556	14714 Hidden River Dr.	No Records Found		4	5									
19.10722.554	14736 Hidden River Dr.	9/12/2003	19-18397	4	4			05		07		09		Kevin & Lynn Kottke
19.10722.552	14758 Hidden River Dr.	10/28/2005	19-20191	4	3						08			Travis & Mary Jenniges
19.10722.550	14782 Hidden River Dr.	11/23/2005	19-20192	4	2						08			Joshua D & Anita E Trutwin
19.10722.520	14791 Hidden River Dr.	11/5/2003	19-18717	2	7			06		08				Douglas & Colleen Anderson
19.10722.548	14804 Hidden River Dr.	9/9/2003	19-18580	4	1			06		08				Scott A & Jodi M Wroblewski
19.10722.518	14825 Hidden River Dr.	10/30/2001	19-17222	2	6		04		06		08			Eric J & Tami Kolehmainen
19.10722.546	14826 Hidden River Dr.	10/27/2005	19-20237	3	13						08			Jeffrey S & Theresa A. Gendreau
19.10722.516	14683 Hidden River Dr.	10/7/2002	19-17999	2	5			05		07		09		Jason & Kelly Buboltz
19.10722.542	14872 Hidden River Dr.	11/16/2004	19-19513	3	10				06		08			Russ & Jeanne E Pearson
19.10722.538	14916 Hidden River Dr.	No Records Found		3	9									
19.10722.514	14917 Hidden River Dr.	12/15/2000	19-16679	2	4	03		05		07		09		James E Sunderland
19.10722.536	14938 Hidden River Dr.	8/3/2005	19-20008	3	8						08			Adam L Anderson
19.10722.534	14962 Hidden River Dr.	No Records Found		3	7									
19.10722.532	14984 Hidden River Dr.	No Records Found		3	6									
19.10722.512	15015 Hidden River Dr.	4/7/2006	19-20286	2	3						08			Michael R & Michelle L Murray
19.10722.530	15016 Hidden River Dr.	No Records Found		3	5									
19.10722.528	15028 Hidden River Dr.	8/19/2002	19-17670	3	4			05		07		09		Jeremy & Gena Rosnow
19.10722.526	15042 Hidden River Dr.	9/25/2003	19-18739	3	3				06		08			Shane & Tabitha Allen
19.10722.510	15057 Hidden River Dr.	9/10/2003	19-18744	2	2				06		08			Gregory & Jenny Lyn T Kappes
19.10722.524	15074 Hidden River Dr.	12/21/2001	19-17522	3	2		04		06		08			David A & Patricia A Klug
19.10722.508	15085 Hidden River Dr.	10/10/2003	19-18676	2	1				06		08			Corwyn & Hazel Schueler
19.10722.522	15096 Hidden River Dr.	11/19/2002	19-18169	3	1			05		07		09		Kirk & Grentchen Langebehn
19.10722.506	15112 Hidden River Dr.	8/10/2005	19-19439	1	4						08			Mark Laudenbach
19.10722.504	15144 Hidden River Dr.	5/20/2002	19-17451	1	3			05		07		09		Ryan & Jessica Ganyo
19.10722.502	15176 Hidden River Dr.	4/3/2001	19-16793	1	2	03		05		07		09		Joseph & Jennifer Esseff
19.10722.500	15198 Hidden River Dr.	10/19/2001	19-17223	1	1		04		06		08			Timothy N & Wendy J Haag

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# Figures

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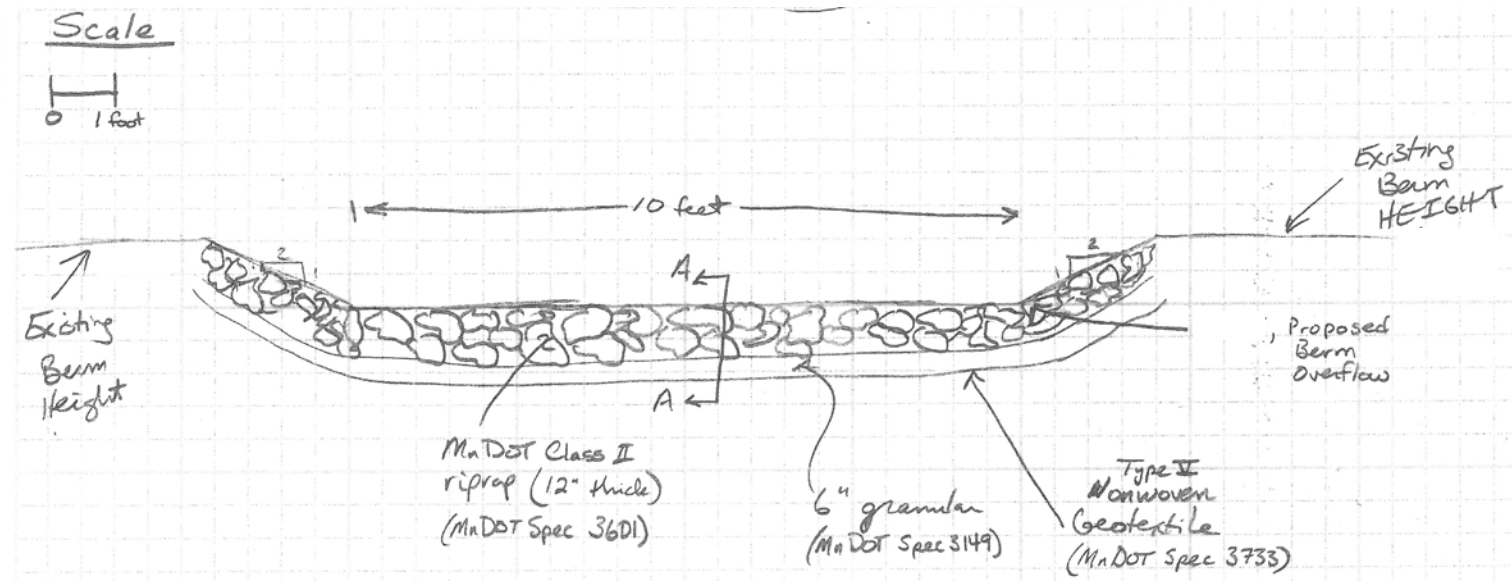
CLEARWATER RIVER WATERSHED DISTRICT

Kingston Wetland Treatment System

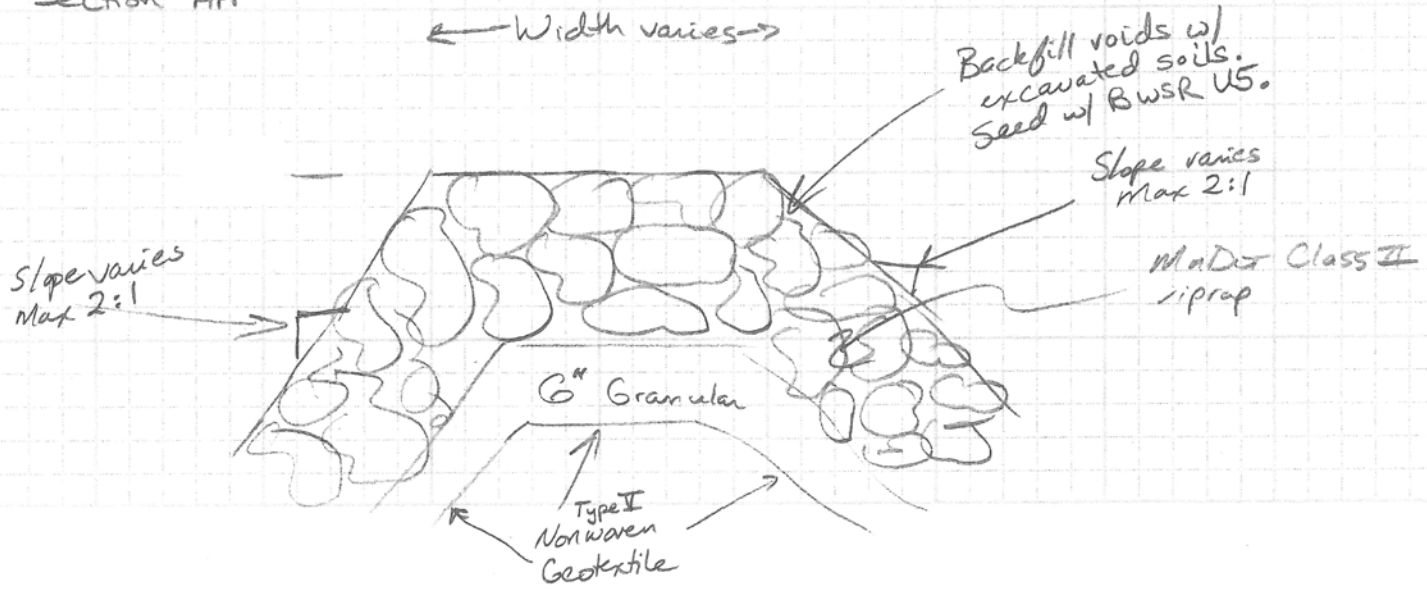
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Figure 1



Section AA



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CLEARWATER RIVER WATERSHED DISTRICT

Kingston Wetland Treatment Project-Overflow Berm Design

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Figure 2



Beaver Dam  
Blocking Channel

Aerial Photo (LMIC, 2008)

400 200 0 400  
Feet



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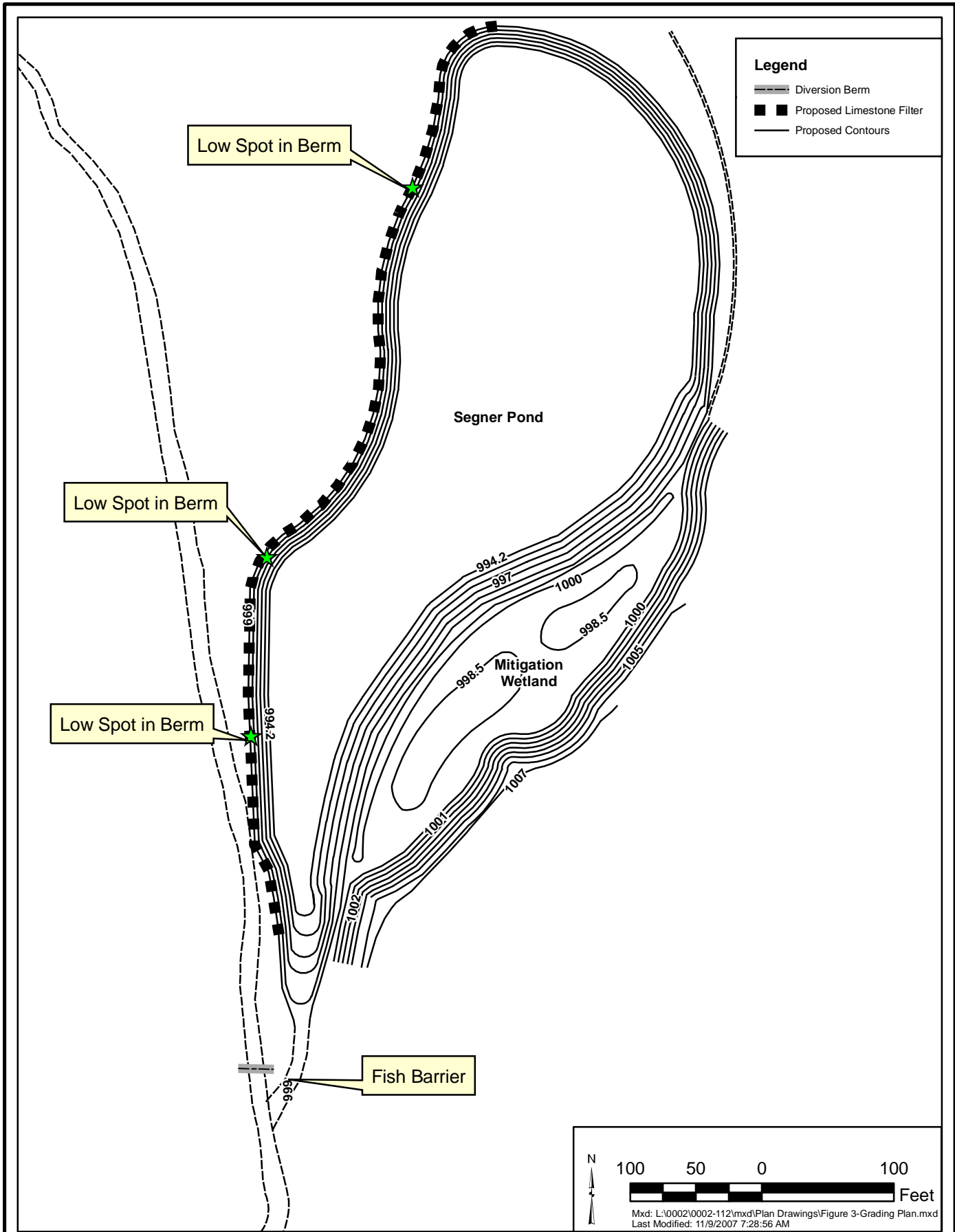
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Annandale Wetland Treatment System

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Figure 3



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# Photographs

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Photo 1-Watkins Wetland-North  
Overflow Berm installed in 2008.



Photo 2-Watkins Wetland-South  
Overflow Berm Installed in 2008



Photo 3-Clear Lake V-notch Weir.



Photo 4-Nistler Sedimentation Basin



Photo 5-Kingston Wetland-Sediment Removal Area in 2008



Photo 6-Kingston Wetland Berm Washout



Photo 7-Lake Marie Aerator Building



Photo 8-Clearwater Harbor Wastewater Treatment System



Photo 9-Annandale Wetland Outlet Structure



Photo 10-Pleasant Lake Outlet



Photo 11-Lake Augusta Erosion Control Project Riser Structure



Photo 12-Norton Ave Sedimentation Basin



Photo 13-Eddie Schultz Buffer



Photo 14-Henshaw Lake Fish Barrier



Photo 15-Swartout Outlet Fish Barrier



Photo 16-Swartout Inlet Fish Barrier



Photo 17-Illsley Ave Fish Barrier



Photo 18-Segner Pond Fish Barrier



Photo 19-Segner Pond Limestone Berm



Photo 20-Segner Pond Limestone Berm