



RICE CREEK WATERSHED DISTRICT

4325 Pheasant Ridge Dr. NE #611 • Blaine, MN 55449-4539
Phone: 763-398-3070 • Fax: 763-398-3088
www.ricecreek.org

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RCWD BOARD OF MANAGERS AGENDA

Wednesday, June 23, 2010, 9 a.m.

Shoreview City Hall Council Chambers
4600 North Victoria Street, Shoreview, Minnesota

Agenda

- 1
- 2 **CALL TO ORDER**
- 3 **ROLL CALL**
- 4 **Present:** President Patricia Preiner, 1st Vice President Barbara Haake, 2nd Vice President John
- 5 Waller, Treasurer Rick Mastell, Secretary Harley Ogata
- 6 **Absent:**
- 7 **Staff Present:** Administrator Doug Thomas, Permit Coordinator/Wetland Specialist Nick Tomczik,
- 8 Water Resource Specialist Kyle Axtell, Office Manager Theresa Stastica, Lake and
- 9 Stream Specialist Matt Kocian, District Inspector Dave Bauer
- 10 **Consultants:** District Engineer Mark Deutschman from Houston Engineering, Inc. (HEI); District
- 11 Attorney from Smith Partners
- 12 **Visitors:**
- 13 **SETTING OF THE AGENDA**
- 14 **APPROVAL OF JUNE 7, 2010 WORKSHOP MINUTES AND JUNE 9, 2010 REGULAR**
- 15 **MEETING MINUTES**
- 16

17 **PRESENTATION OF DISTRICT’S MS4 (MUNICIPAL SEPARATE STORM SEWER**
 18 **SYSTEM) 2009 ANNUAL REPORT AND PUBLIC INFORMATION MEETING REGARDING**
 19 **THE DISTRICT’S STORM WATER POLLUTION PREVENTION PROGRAM (SWPPP)**

20 **PERMIT APPLICATIONS REQUIRING BOARD ACTION**

21 The following applications have been reviewed by the District Engineer and Staff and will be acted upon
 22 without discussion in accordance with the Engineer’s Recommendation unless a Manager or the Applicant or
 23 another interested person requests opportunity for discussion:

24 **Consent Agenda**

No.	Applicant	Location	Plan Type	Recommendation
25 10-036	Tanek, Inc.	Roseville	Final Site Drainage Plan	CAPROC 6 items
26 10-038	I.S.D. #831	Forest Lake	Land Development	CAPROC 4 items
27 10-039	City of New Brighton	New Brighton	Street & Utility Construction	CAPROC 4 items

29 *It was moved by Manager _____ and seconded by Manager _____, to give Conditional Approval*
 30 *Pending Receipt Of Changes (CAPROC) to the permit applications as noted in the above Table of Contents in accordance*
 31 *with the District Engineer’s Findings and Recommendations, as contained in the Engineer’s Reports dated June 16, 2010.*

32 **OPEN MIKE - LIMIT 12 MINUTES**

33 *Any RCWD resident may address the Board in his or her individual capacity, for up to three minutes, on any matter not on*
 34 *the agenda. Speakers are requested to come to the podium, state their name and address for the record. Additional*
 35 *comments may be solicited and accepted in writing. Generally, the Board of Managers will not take official action on items*
 36 *discussed at this time, but may refer the matter to staff for a future report or direct that the matter be scheduled on an*
 37 *upcoming agenda.*

38 **ITEMS REQUIRING BOARD ACTION**

- 39 1. Consider Northwestern College Water Quality Cost-share Program Application
- 40 2. Consider Proposed Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4 Cost
- 41 Allocation and Financing mechanism
- 42 3. Consider Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4 Repair Report – set
- 43 dates, location and times for landowner information meeting and public hearing.
- 44 4. Consider Check Register dated 6/23/2010, in the amount of \$239,524.90 prepared by HLB
- 45 Tautges Redpath.

46 **ITEMS FOR DISCUSSION AND INFORMATION**

- 47 1. 2008-2009 Stream Report-Matt Kocian, Lake and Stream Specialist & Trevor Russell, Friends of
- 48 the Mississippi River
- 49 2. Staff Reports
- 50 3. July Calendar
- 51 4. Manager’s Update

52 **CLOSED EXECUTIVE SESSION TO DISCUSS WITH LEGAL COUNSEL THE MIRON VS.**
 53 **RCWD/DNR LAWSUIT**

54 **ADJOURNMENT**

**APPROVAL OF JUNE 7, 2010 WORKSHOP MINUTES
AND JUNE 9, 2010 REGULAR MEETING MINUTES**

Draft

RCWD BOARD OF MANAGERS WORKSHOP

Monday, June 7, 2010

**Rice Creek Watershed District Conference Room
4325 Pheasant Ridge Drive NE Suite 611, Blaine, Minnesota**

- 1 The Board convened the meeting at 3:30 p.m.
- 2 Attendance: –Board members, Patricia Preiner, Harley Ogata, Barbara Haake, John Waller and Rick Mastell.
- 3 Absent: None
- 4 Others: Administrator Doug Thomas, Lake and Stream Specialist Matt Kocian, Mark Deutschman, District
5 Engineer; District Drainage Attorney John Kolb
- 6 Office space update by workgroup
7 Managers Haake and Mastell along with Administrator Thomas updated the Board members on the office space
8 search. Administrator Thomas went over a handout which compared the four offers. He also noted that we
9 were still waiting to get information on remodeling at Circle Pines and final offer from current office space
10 owners.
- 11
12 Discuss and rank Lower Hardwood Creek Project consultant proposals – decision to be made at the June 9th
13 meeting
14 The Board members along with Administrator Thomas and Stream Specialist Matt Kocian discussed the four
15 proposals. After lengthy discussion it was the consensus of the group to choose the SRF/Inter-Fluve proposal.
- 16 Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4 final discussion on cost-allocation and financing
17 methods
18 District Engineer Mark Deutschman and District Drainage Attorney John Kolb led the discussion regarding on
19 cost allocation and financing methods.
- 20 Meeting was adjourned at 5:23 pm.

DRAFT

For Consideration of Approval at the June 23, 2010 Board Meeting.
Use these minutes only for reference until that time.

REGULAR MEETING OF THE RCWD BOARD OF MANAGERS

Wednesday, June 9, 2010

Shoreview City Hall Council Chambers
4600 North Victoria Street, Shoreview, Minnesota

Minutes

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ROLL CALL

Present: President Patricia Preiner, 1st Vice-Pres. Barbara Haake, 2nd Vice-Pres. John Waller, Secretary Harley Ogata, and Treasurer Rick Mastell.

Absent: None

Staff Present: Administrator Doug Thomas, Permit Coordinator/Wetland Specialist Nick Tomczik, Water Resource Specialist Kyle Axtell, Office Manager Theresa Stasica, Inspector Dave Bauer

Consultants: Mark Deutschman, Houston Engineering, Inc. (HEI); District Attorney from Smith Partners

Visitors: Paul Harstad and Kevin Biehn

CALL TO ORDER

President Preiner called the meeting to order, a quorum being present, at 9:00 a.m.

SETTING OF THE AGENDA

President Preiner asked for any additions.

Permit Coordinator Tomczik Board Action requested that Permit No. 10-029, City of Mahtomedi Street Utility Construction project with three CAPROC items be added to the permit consent agenda.

Motion by Manager Haake, seconded by Manager Waller, to adopt the agenda as amended. Motion carried 4-0 (Manager Mastell not present for the vote).

READING OF THE MINUTES AND THEIR APPROVAL

Minutes of the May 28, 2010, Board of Managers Meeting.

Manager Haake requested the following changes: Add advanced notice to under absences. Page 5, first paragraph fourth line: That the check be held in escrow until the staff "could" look.

Motion by Manager Ogata, seconded by Manager Waller, to approve the minutes as amended. Motion carried 3-0. (Manager Mastell not present for the vote. Manager Haake abstained).

Manager Mastell arrived.

PERMIT APPLICATIONS REQUIRING BOARD ACTION

CONSENT AGENDA

No.	Applicant	Location	Plan Type	*Recommendation
10-028	Faulkner Construction	Fridley	Land Development	CAPROC 6 items
10-037	Presbyterian Homes & Services	Roseville	Parking Lot Resurfacing	CAPROC 1 item
08-013	Bergen's Greenhouse Inc.	Columbus	Final Site Drainage Plan	CAPROC 10 items
10-029	City of Mahtomedi	Mahtomedi	Street Utility Construction Project	CAPROC 3 items

*CAPROC = Conditional Approval Pending Receipt Of Changes

Motion by Manager Waller, seconded by Manager Mastell, to Approve Conditional Pending Receipt Of Changes, or Table the Permit Applications as noted in the following Table of Contents in accordance with the District Engineer's Findings and Recommendations, as contained in the Engineer's Report dated June 2 & 3, 2010. Motion carried 5-0.

OPEN MIKE – LIMIT 12 MINUTES. Any RCWD resident may address the Board in his or her individual capacity, for up to three minutes, on any matter not on the agenda. Speakers are requested to come to the podium, state their name and address for the record. Additional comments may be solicited and accepted in writing. Generally, the Board of Managers will not take official action on items discussed at this time, but may refer the matter to staff for a future report or direct that the matter be scheduled on an upcoming agenda.

There were no comments made at Open Mike.

ADDITIONAL ITEMS REQUIRING BOARD ACTION

1. Consider Paul Harstad – Request for administrative approval of expired CAPROC

District Administrator Thomas stated staff was requesting to put this in front of the Board. Mr. Harstad had requested administrative approval of a project he had previously submitted and had a CAPROC on which has expired. Administrator Thomas noted a project such as this requires the applicant reapply. If there was no substantial change in the scope of the work, there would be no application fee, and the approval would be done by the District Administrator. He stated in staff's review, staff was fairly comfortable in no substantial change regarding wetlands and stormwater; however, Mr. Harstad was proposing a change to the number of lots from 8 to 10 lots and as staff in looking at the guidance were not comfortable making a determination as to whether this would be substantial or non-substantial. Administrator Thomas requested the Board's direction as to whether they would consider the change substantial or not substantial based on the guidance given.

Paul Harstad, 2195 Silver Lake Road, New Brighton, stated he believed it was fairly clear what he was asking for. He noted as shown in the letter, in 2002 he received approval from the Board for an 11 lot development. He stated the City denied that because it did not meet the cities entire sub-division ordinance. He stated this was put on hold and then later in 2008, he went back to the RCWD Board and got approval for an 8 lot development, which they have yet to take to the City. Since then, he learned that part of the history of this parcel is when his father bought this parcel many years ago, there were already sewer and water stubs installed that have been in there since 1966. He has since confirmed with an attorney who said that case law stated that the City could not have

87 their cake and eat it too by forcing them to adopt the current standards for 8 lots, but charged them in the past
 88 for the equivalent of ten sewer and water stubs. He stated basically because of that they were going back to the
 89 City saying it was fair and reasonable to grant 10 lots, instead of the current ordinance which would grant them 8
 90 lots. The other fairly significant point was that if they were to replat this entire parcel and meet all of the City's
 91 subdivision ordinances, he actually could get 15 lots on the parcel, but that seemed high. He stated they needed a
 92 variance because of the big swath of land along Silver Lake Road. He stated in 2004, they took that layout to the
 93 City and they got approval for it because they had no legal justification for denying it. He stated in reality they had
 94 approval for 15 lots, but they were not currently proposing that many lots. He believed what he was asking for
 95 was not a substantial change because he was maintaining the same basic layout of the lots.

96
 97 Manager Mastell asked what was the Board's policy regarding CAPROC. District Manager Thomas responded
 98 CAPROC's were approved for 12 months and if the permit was not issued within that time, the CAPROC expired
 99 and the applicant had to start from the beginning. He explained the rules at the time for the approval process.

100
 101 Manager Ogata stated he was persuaded by the fact there was no change to the wetland or drainage and he did
 102 not see why the Board should not approve this.

103
 104 ***Motion by Manager Mastell, seconded by Manager Haake, to direct the Administrator to accept a re-submittal***
 105 ***of permit application #07-57 with the change from 8 to 10 lots, apply the current District Rules to the project,***
 106 ***not require a permit application fee, and administratively give permit approval. Motion carried 5-0.***

107
 108 **2. Consider Local adoption of RCWD Watershed Management Plan update**

109 District Administrator Thomas summarized the background on the RCWD Watershed Management Plan. He
 110 noted pursuant to Statute the Board had 30 days to adopt the final Plan.

111
 112 ***Motion by Manager Ogata, seconded by Manager Waller, to approve Resolution 2010-15, Resolution Adopting***
 113 ***Watershed Management Plan Update.***

114
 115 **ROLL CALL:**

- 116 ***Manager Haake – Aye***
- 117 ***Manager Mastell – Aye***
- 118 ***Manager Ogata – Aye***
- 119 ***Manager Waller – Aye***
- 120 ***President Preiner - Aye***

121
 122 ***Motion carried 5-0.***

123
 124 **3. Consider Local adoption of Columbus Comprehensive Wetland Protection and Management Plan (CWPMP)**
 125 **and Rule RMP-4**

126 Permit Coordinator/Wetland Specialist Nick Tomczik summarized the Columbus CWPMP and Rule RMP-4
 127 process activities to date. He identified the next step was for Board consideration and final adoption of the
 128 Columbus CWPMP and implementing Rule RMP-4 with an effective date of September 7, 2010 allowing for
 129 closure on projects under design.

130
 131 ***Motion by Manager Haake, seconded by Manager Mastell, to adopt the Columbus CWPMP and implementing***
 132 ***Rule RMP-4 as submitted to and approved by the BWSR, effective September 7, 2010 and applicable to any***

133 *permit application submitted after that date, and directs the District Administrator to take all steps necessary*
134 *under law to file and give notice of the adopted rule and provide for its taking effect.*

135
136 **ROLL CALL:**

- 137 **Manager Haake – Aye**
- 138 **Manager Mastell – Aye**
- 139 **Manager Ogata – Aye**
- 140 **Manager Waller – Aye**
- 141 **President Preiner - Aye**

142
143 **Motion carried 5-0.**

144
145 **4. Consider Water Quality Cost-share Project**

146 **a. Jack Jungbauer – Shoreline Stabilization**

147 Water Resource Specialist Axtell summarized the cost-share project request from Jack Jungbauer. He
148 recommended approval of the cost-share.

149
150 **Motion by Manager Waller, seconded by Manager Haake, to approve RCWD Water Quality BMP Cost-Share**
151 **Contract W10-05 for the Jack Jungbauer lakeshore restoration project, up to \$2,722.50, not to exceed 50% of**
152 **eligible project expenses. Motion carried 5-0.**

153
154 **b. Brighton Shores Townhomes – Shoreline Stabilization**

155 Water Resource Specialist Axtell summarized the shoreline stabilization project.

156
157 President Preiner believed the Board had a \$5,000 cap on funding projects.

158
159 Water Resource Specialist Axtell responded that was correct and it had been decided that this would be addressed
160 on a case-by-case basis. He noted this was not the typical project and he believed it was worth consideration to
161 exceed the cap. He noted this was extraordinarily long stabilization project.

162
163 Manager Haake inquired about the available funding if this was approved. Axtell responded he believed there
164 were sufficient funds in the program to accommodate this project. He noted projects would continue to come
165 through the fall, but there were funds available and if they ran out, they ran out and they could deal with it at that
166 time. He indicated these were first come, first serve funds.

167
168 Manager Haake asked to see what had been set aside for the program among the various counties. District
169 Administrator Thomas responded the Board would see this information when the budget project was discussed in
170 July. He noted typically \$60,000 has been set aside. He noted what had been done in the past was that the Board
171 looked at the remaining balance and based their decision on how much to allocate in the future budget.

172
173 **Motion by Manager Haake, seconded by Manager Waller, to approve RCWD Water Quality BMP Cost-Share**
174 **Contract R10-06 for the Brighton Shores Townhomes lakeshore restoration project, up to \$9,214.36, not to**
175 **exceed 25% of eligible project expenses. Motion carried 5-0.**

176
177 **5. Consider Lower Hardwood Creek – Project consultant selection**

178 District Administrator Thomas stated this had been discussed at a recent workshop and now this was being
179 brought back for a decision. He summarized the process followed.

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Manager Haake asked if there was anything the public could see if they wanted. District Administrator Thomas responded this was not on the website, but once a selection was made, all of that material became public record.

District Administrator Thomas noted the scope of services provided in the RFP identified what the tasks were which carried on through the construction supervision. He stated staff would be very involved in the early stages in discussions and negotiations with landowners, but beyond that the majority of it would be handled by the consultant.

Manager Waller requested the attorneys ensure the contract language was tight enough so any obstacles or problems that arise would not result in costs to the District.

Manager Haake stated she had sent her comments about the contract to the District Administrator and agreed with Manager Waller on the contract language comment.

Motion by Manager Mastell, seconded by Manager Waller, to 1) select SRF/Inter Fluve to provide engineering and related professional services for the implementation of the Lower Hardwood Creek Restoration and Stabilization Project, 2) instruct staff and district attorney to develop a work/task order with SRF, and 3) authorize the Board President to execute the work/task order. Motion carried 5-0.

- 6. Consider Check Register dated 06/09/10, in the amount of \$24,516.62, prepared by HLB Tautges Redpath. Motion by Manager Mastell, seconded by Manager Haake, to approve check register dated 06/09/10, in the amount of \$24,516.62, prepared by HLB Tautges Redpath. Motion carried 5-0.**

ITEMS FOR DISCUSSION AND INFORMATION

1. Engineers Report and Timeline

The District Engineer summarized the engineer’s report and timeline.

2. Manager’s Update

Manager Haake noted there was the summer tour coming up that she would be attending. She stated on July 12, there was an important meeting on the Water Summit Meeting from 9:00 a.m. – 3:45 p.m. She believed it would be beneficial for the Administrator to attend this meeting along with other Managers.

President Preiner stated she had attended the Advisory Committee meeting and the Committee was working well. She noted there was no Advisory Committee meeting in July.

ADJOURNMENT

Motion by Manager Mastell, seconded by Manager Waller, to adjourn the meeting at 9:44 a.m. Motion carried 5-0.

PRESENTATION OF DISTRICT'S MS4 (MUNICIPAL SEPARATE STORM SEWER SYSTEM) 2009 ANNUAL REPORT AND PUBLIC INFORMATION MEETING REGARDING THE DISTRICT'S STORM WATER POLLUTION PREVENTION PROGRAM (SWPPP)

MEMORANDUM
Rice Creek Watershed District

Date: June 15, 2010
To: RCWD Board of Managers
From: Kyle Axtell, Water Resource Specialist
Subject: 2010 SWPPP Public Meeting Summary & 2009 MS4 Annual Report

BACKGROUND

The purpose of this agenda item is to provide information to, solicit input from, and answer questions from the general public regarding the adequacy of RCWD's Storm Water Pollution Prevention Program (SWPPP). Our SWPPP is a set of Best Management Practice (BMP) Summary Sheets that outline the activities we implement annually in meeting the requirements of our Municipal Separate Storm Sewer System (MS4) General Permit from the MPCA. Carrying out the BMPs in our SWPPP is a regulatory requirement, as is holding this public meeting annually.

Notice of this public meeting was published in the Pioneer Press Newspaper on May 23, 2010. It was also published on the District's website and sent physically to representatives of each of our cities, counties, conservation districts and the MPCA.

I will be providing a short presentation about our MS4 activities and our SWPPP for the audience. Following the presentation, I will be available to answer any questions posed by members of the audience or the Board. Comments received may be incorporated in to changes to our SWPPP as the District sees fit. No written or verbal comments have been received to date. No Board action is required at this time.

This would also be an appropriate time to ask any questions you may have about our 2009 MS4 Annual Report (draft attached). This report is due to MPCA on June 30, 2010.

Attachment: DRAFT 2009 MS4 Annual Report



Minnesota Pollution Control Agency NPDES/SDS Small MS4 Report Form



The purpose of this report is to contribute information to an evaluation of the NPDES small municipal separate storm sewer system (MS4) permit program. Consistent with 40 CFR §122.37 the U.S. Environmental Protection Agency is assessing the status of the program nation-wide. A “no” answer to a question does not necessarily mean noncompliance with your permit or with the federal regulations. In order to establish the range of variability in the program it is necessary to ask questions along a fairly broad performance continuum. Your permitting authority may use some of this information as one component of a compliance evaluation.

1. MS4 Information

Rice Creek Watershed District

Name of MS4

Kyle Axtell Water Resource Specialist

Name of Contact Person (First) (Last) (Title)

(763) 398-3072 kaxtell@ricecreek.org

Telephone (including area code) Email

4325 Pheasant Ridge Drive NE #611

Mailing Address

Blaine MN 55449

City State ZIP code

What size population does your MS4 serve? 170000

What is the reporting period for this report? (mm/dd/yyyy) From 01/01/2009 to 12/31/2009

2. Water Quality Priorities

A. Does your MS4 discharge to waters listed as impaired on a state 303(d) list? Yes No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4. Use a new line for each impairment, and attach additional pages as necessary.

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
<u>Hardwood Creek</u>	<u>Low DO, Biota</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Clearwater Creek</u>	<u>Biota</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Ramsey-Washington JD 1</u>	<u>Low DO</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Bald Eagle Lake</u>	<u>Phosphorus</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Golden Lake</u>	<u>Phosphorus</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Peltier Lake</u>	<u>Phosphorus</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>Centerville Lake</u>	<u>Phosphorus</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<u>See #10, Attachment 2B</u>	<u>for more listings...</u>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources contributing to the impairment(s) are you targeting in your stormwater program?

Construction & post-construction stormwater runoff from development and re-development.

D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)? Yes No

E. Are you implementing additional specific provisions to ensure their continued integrity? Yes No

3. Public Education and Public Participation

- A. Is your public education program targeting specific pollutants and sources of those pollutants? Yes No
- B. If yes, what are the specific sources and/or pollutants addressed by your public education program?
Nutrients, sediment, oils/greases, etc. from residential properties & stormwater runoff.
- C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.
Approved cost-share funding: 15 shoreline restorations (1370 lin.ft.), 9 raingardens (6630 cu.ft.)
- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? Yes No

4. Construction

- A. Do you have an ordinance or other regulatory mechanism stipulating:
- | | | |
|--|---|--|
| Erosion and sediment control requirements? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Other construction waste control requirements? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Requirement to submit construction plans for review? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| MS4 enforcement authority? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
- B. Do you have written procedures for:
- | | | |
|-------------------------------|---|-----------------------------|
| Reviewing construction plans? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Performing inspections? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Responding to violations? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- C. Identify the number of active construction sites ≥ 1 acre in operation in your jurisdiction at any time during the reporting period. 125
- D. How many of the sites identified in 4.C did you inspect during this reporting period? 125
- E. Describe, on average, the frequency with which your program conducts construction site inspections.
Monthly and after significant rainfalls.
- F. Do you prioritize certain construction sites for more frequent inspections? Yes No
 If Yes, based on what criteria? Slope, size, proximity to resource, visibility, experience with contractor.
- G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:
- | | | | |
|---|-----------------------|--------------|--|
| <input checked="" type="checkbox"/> Yes | Notice of violation | # <u>320</u> | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes | Administrative fines | # <u>0</u> | No Authority <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Yes | Stop Work Orders | # <u>1</u> | No Authority <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Yes | Civil penalties | # <u>0</u> | No Authority <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Yes | Criminal actions | # <u>0</u> | No Authority <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Yes | Administrative orders | # <u>1</u> | No Authority <input type="checkbox"/> |
| <input type="checkbox"/> Yes | Other _____ | # _____ | |
- H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction? Yes No
- I. What are the 3 most common types of violations documented during this reporting period?
Lack of: soil stabilization, perimeter sediment control, removal of temporary erosion controls.
- J. How often do municipal employees receive training on the construction program? Annually

5. Illicit Discharge Elimination

- A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? Yes No
- B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system? Yes No
- C. Identify the number of outfalls in your storm sewer system. 17
- D. Do you have documented procedures, including frequency, for screening outfalls? Yes No
- E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?
0
- F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage? 0
- G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.
In conjunction with regular ditch management operations and inspections.
- H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges? Yes No
- I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges? Yes No
- J. During this reporting period, how many illicit discharges/illegal connections have you discovered? 0
- K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?
0
- L. How often do municipal employees receive training on the illicit discharge program? As Needed

6. Stormwater Management for Municipal Operations

- A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:
 - All public parks, ball fields, other recreational facilities and other open spaces Yes No
 - All municipal construction activities, including those disturbing less than 1 acre Yes No
 - All municipal turf grass/landscape management activities Yes No
 - All municipal vehicle fueling, operation and maintenance activities Yes No
 - All municipal maintenance yards Yes No
 - All municipal waste handling and disposal areas Yes No
 - Other RCWD does not own or operate these types of facilities.
- B. Are stormwater inspections conducted at these facilities? Yes No
- C. If Yes, at what frequency are inspections conducted? _____
- D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning).
RCWD does not perform these types of municipal operations.
- E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection? Yes No
- F. If Yes, which activities and/or facilities receive most frequent inspections? _____
- G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management? Yes No
- H. If yes, do you also provide regular updates and refreshers? Yes No
- I. If so, how frequently and/or under what circumstances? _____

7. Long-term (Post-Construction) Stormwater Measures

- A. Do you have an ordinance or other regulatory mechanism to require:
- | | | |
|--|---|--|
| Site plan reviews for stormwater/water quality of all new and re-development projects? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Long-term operation and maintenance of stormwater management controls? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Retrofitting to incorporate long-term stormwater management controls? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
- B. If you have retrofit requirements, what are the circumstances/criteria?
We offer cost-share incentives to encourage stormwater retrofits by municipalities and others.
- C. What are your criteria for determining which new/re-development stormwater plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.) As published in RCWD Rule C, see #10, Attach. 7C.
- D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development? Yes No
- E. Do these performance or design standards require that pre-development hydrology be met for:
- | | | |
|----------------------|---|-----------------------------|
| Flow volumes | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Peak discharge rates | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Discharge frequency | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Flow duration | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- F. Please provide the URL/reference where all post-construction stormwater management standards can be found, or e-mail to MS4PermitProgram.PCA@state.mn.us an electronic copy of the ordinance or other regulatory mechanism as specified in Part V.G.5 of the permit.
<http://www.ricecreek.org/rules>
- G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection? 106
- H. How many of the plans identified in 7.G were approved? 99
- I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period? 35
- J. How many of the practices/facilities identified in I were found to have inadequate maintenance? 28
- K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?
21 Days
- L. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities? Yes No
- M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain stormwater management practices? 0
- N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? Yes No
- O. Do all municipal departments and/or staff (as relevant) have access to this tracking system? Yes No
- P. How often do municipal employees receive training on the post-construction program? Annually

8. Program Resources

- A. What was the annual expenditure to implement MS4 permit requirements this reporting period? \$597,997
- B. What is next year's budget for implementing the requirements of your MS4 NPDES permit? \$520,150

10. Additional Information

In the space below, please include any additional information on the performance of your MS4 program. If providing clarification to any of the questions on this form, please provide the question number (e.g., 2C) in your response.

Attachment 2B - Additional Impaired Waters

Impaired Water	Impairment	Approved TMDL	TMDL assigns WLA to MS4
George Watch Lake	Phosphorus	NO	?
Marshan Lake	Phosphorus	NO	?
Reshanau Lake	Phosphorus	NO	?
Rice Lake	Phosphorus	NO	?
Baldwin Lake	Phosphorus	NO	?
Howard Lake	Phosphorus	NO	?
Long Lake	Phosphorus	NO	?
Pike Lake	Phosphorus	NO	?
Jones Lake	Biota	NO	?
Little Lake Johanna	Phosphorus	NO	?
Middle Rice Creek	Biota	NO	?
Lower Rice Creek	Biota	NO	?

Attachment 5E/5F - The RCWD does not conduct dry weather discharge inspections. Our drainage system consists of ditches originally constructed for agricultural purposes. They always flow, even in periods of dry weather.

Attachment 7C - Rule C Regulation (excerpt from rule)

2. REGULATION. A permit incorporating an approved stormwater management plan is required under this rule for new development, redevelopment, or additions to an existing site, consistent with the following:

- (a) A permit is required for industrial, commercial, institutional or multi-unit residential development or redevelopment only for a site at least one acre in size.
- (b) A permit is required for single-family residential development or redevelopment only for a site at least five acres in size.
- (c) Notwithstanding paragraph (b), a permit is not required for construction of a single-family detached dwelling on an unplatted lot.
- (d) The site size thresholds of paragraphs (a) and (b) and the exception of paragraph (c) do not apply if the site is:
 - (1) Within the 100-year floodplain;
 - (2) Within 1,000 feet of a public water or protected wetland; or
 - (3) Within 300 feet of Rice Creek, Clearwater Creek, Hardwood Creek or a public ditch.
- (e) If redevelopment will (i) disturb fifty percent or more of existing impervious surface or (ii) increase impervious surface by fifty percent or more, the requirement of paragraph 5(b) will account for all impervious surface on the site. For the purpose of this paragraph, the extent of disturbance is the area of exposure of underlying soils. This paragraph does not apply to public linear projects subject to paragraph 5(f).
- (f) A permit is not required for construction on an individual lot within a residential subdivision if it conforms to a development plan approved by the District.
- (g) A permit is required for public linear projects except for mill and overlay of a public roadway, sidewalk or trail that does not create additional impervious surface.

Attachment 9A - Indicator tracking start years are approximate. Level of effort, number of sites fluctuates each year.

Certification Statement and Signature

I certify that all information provided in this report is, to the best of my knowledge and belief, true, accurate and complete. Yes

Federal regulations require this application to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official.

Doug Thomas, Administrator

_____ Date (mm/dd/yyyy)

Name of Certifying Official, Title

Submit

PERMIT APPLICATIONS REQUIRING BOARD ACTION

The following applications have been reviewed by the District Engineer and Staff and will be acted upon without discussion in accordance with the Engineer's Recommendation unless a Manager or the Applicant or another interested person requests opportunity for discussion:

Consent Agenda

No.	Applicant	Location	Plan Type	Recommendation
10-036	Tanek, Inc.	Roseville	Final Site Drainage Plan	CAPROC 6 items
10-038	I.S.D. #831	Forest Lake	Land Development	CAPROC 4 items
10-039	City of New Brighton	New Brighton	Street & Utility Construction	CAPROC 4 items

It was moved by Manager _____ and seconded by Manager _____, to give Conditional Approval Pending Receipt Of Changes (CAPROC) to the permit applications as noted in the above Table of Contents in accordance with the District Engineer's Findings and Recommendations, as contained in the Engineer's Reports dated June 16, 2010.

**RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA**

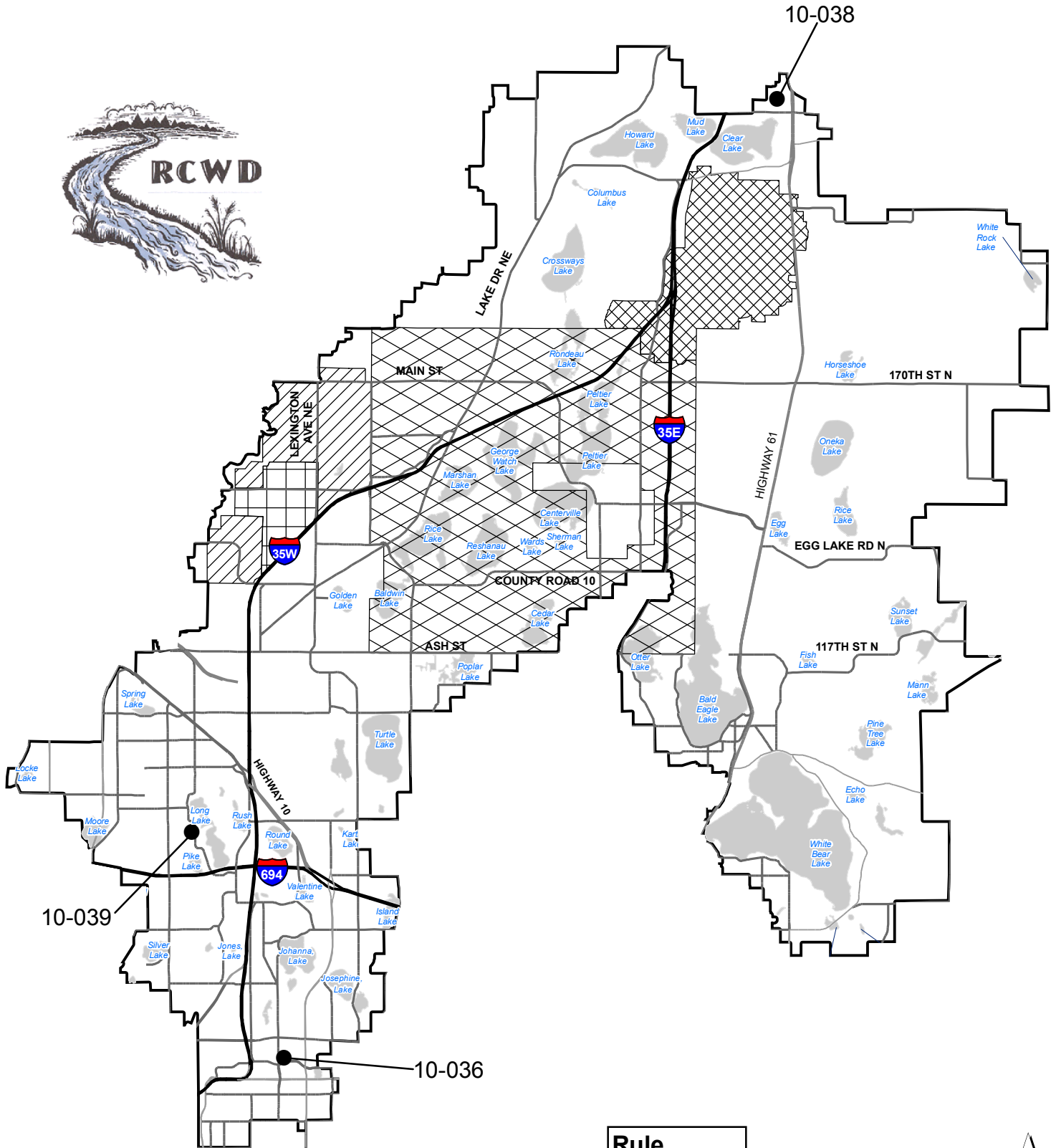
June 23, 2010

It was moved by _____ and seconded by _____ to approve, conditionally approve pending receipt of changes, or deny, the Permit Applications noted in the following Table of Contents in accordance with the District Engineer’s Findings and Recommendations, as contained in the Engineer’s Findings and Recommendations, as contained in the Engineer’s Report dated June 16, 2010.

TABLE OF CONTENTS

<u>Permit Application No.</u>	<u>Applicant</u>	<u>Page</u>	<u>Recommendation</u>
Permit Location Map		20	
10-036	Tanek, Inc.	21	CAPROC
10-038	I.S.D. # 831	25	CAPROC
10-039	City of New Brighton	29	CAPROC

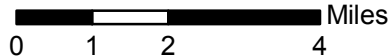
Rice Creek Watershed District



Rule	
	Rule M
	RMP-1
	RMP-2
	RMP-3



Permit Reviews
6/23/2010 Agenda



Maple Grove
 P: 763.493.4522
 F: 763.493.5572



Permit Application Number:

10-036

Permit Applicant Name:

Rosedale Commons

Applicant:

Nathaniel Shea
Tanek, Inc.
118 East 26th Street
Minneapolis, MN 55404
Ph: 612-998-8200
Fx: 612-879-8152
nshea@tanek.com

Consultant:

Nick Adam
Rehder & Associates, Inc.
3440 Federal Drive, Suite 110
Eagan, MN 55122
Ph: 651-452-5051
Fx: 651-452-9797
nadam@rehder.com

Project Name: Rosedale Commons

Purpose: Final Site Drainage Plan (FSDP) for partial reconstruction of an existing parking lot to reconfigure store fronts, sidewalks, parking spaces and provide a connection between two parking lots.

Site Size: Site size is 15.4 acres total with 0.83 acres of disturbance.

Location: East of Fairview Avenue and north of County Road B2, Roseville.

T-R-S: NE ¼ Section 9, T29N, R23W

District Rule: C, D

Recommendations: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items.

Rule C - Stormwater

1. Cross Section Details and incorporation of additional Grading Plan Notes specific to infiltration feature(s) including; revegetation specifications (deep-rooted native vegetation), 2"-3" of shredded hardwood mulch (Mn/DOT Type 6) for planted areas, and other measures necessary to protect these features from siltation during construction (i.e. silt fence and excavation to final grade after stabilization of upstream areas, etc.) as consistent with the MN Stormwater Manual Appendix D design criteria.

Rule D – Erosion and Sediment Control

2. Submit the following information per Rule D.4, subparts (a) through (i):
 - (c) Name, address, and phone number of party responsible for maintenance of all erosion and sediment control measures.
 - (d) Detailed erosion control plan clearly identifying locations of all temporary erosion and sediment control measures which will remain in place until permanent vegetation is established, including, but not limited to, silt fence placed downslope of disturbed areas, rock construction entrance(s), revegetation specifications for disturbed areas, and providing inlet

protection for the catch basin in the location of the proposed connection to the bank parking lot.

- (e) Revised grading plan including a standard detail plate for the proposed enkamat to be installed at biofiltration basin curbcuts.

Administrative

3. Draft legal document providing satisfactory form and description granting ponding and flowage easements over all onsite ponds, wetlands, and other hydrologic features if the City of Roseville requires such an easement.
4. Draft Declaration for Maintenance of Stormwater Management Facilities acceptable to District engineer and attorney for proposed onsite stormwater management features.
5. Copy of receipt from County Recorder and signed/notarized legal document(s).
6. Cash surety amount of \$2,500 along with an executed escrow agreement acceptable to the District.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, applicant agrees to these stipulations:

1. An as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) is to be submitted to the District for verification of compliance with the approved plans before return of the surety.

Exhibits:

1. Construction Plan Set (2 Sheets) prepared by Rehder & Associates, Inc., undated and received 5-12-2010. Plans include Grading, Drainage & Erosion Control Plan and Demolition, Site, Grading, Erosion Control and Landscape Plan.
2. Revised Grading Plan (Sheet 1) prepared by Rehder & Associates, Inc., revised 6-07-2010 and received 06-07-2010. Replaces Sheet 1 of 5-12-2010 submittal.
3. Permit Application dated 5-11-2010 and received 5-12-2010.
4. Formal Authorization by site owner (Tanurb Developments, Inc.) designating Tanek, Inc. to act as the authorized agent for the Developer with respect to this RCWD Permit Application and all related decisions, dated 5-10-2010 and received 5-12-2010.
5. Formal Authorization by site owner (Wells Fargo) designating Tanek, Inc. to act as the authorized agent for the Developer with respect to this RCWD Permit Application and all related decisions, dated 5-10-2010 and received 5-12-2010.
6. Stormwater Management Calculations (with Drainage Area Maps) prepared by Rehder & Associates, Inc., revised 6-7-2010 and received 6-7-2010.
7. Topographic Survey prepared by Rehder & Associates, Inc., dated 11-11-2009 and received 5-12-2010.

8. Geotechnical Soil Borings with map and associated Grain Size Distributions prepared by Braun Intertec Corporation, dated 6-02-2010 and received 6-07-2010.

Findings:

1. Description – The proposed project entails partial redevelopment of 0.83 acres of existing parking and storefront areas within the Rosedale Commons retail mall and the Wells Fargo Branch Bank in the City of Roseville. This work includes reconfiguration of mall store fronts, sidewalks, and parking spaces and includes a connection from the Rosedale Commons parking lot to the bank parking lot. Disturbance of approx. 0.83 acres (36,100 SF) of the total 15.4-acre area is proposed and will result in a net decrease in impervious surface of approximately 0.12 acres. The Applicant submitted a permit fee in the amount of \$1,000 in accordance with the RCWD permit application fee requirement.
2. Stormwater – Under existing conditions, runoff from this site discharges north to an existing pond located south of Oakcrest Avenue and north of the site, which was constructed by the City as approved under RCWD Comprehensive Stormwater Management Plan (CSMP) Application 84-C14. The pond was designed to provide rate control for the 100-year storm event for the area it serves, which comprises 27 acres of primarily commercial use, and includes the Rosedale Commons and Pavilion Place shopping centers. This pond does not provide water quality treatment or skimming of floatables.

This project proposes a net decrease in overall onsite impervious area due to addition of green space in conjunction with reconfiguration of existing impervious surfaces, which includes two biofiltration basins placed centrally within the redevelopment parking area as depressed islands. The submitted geotechnical soil boring analysis indicates soils are not conducive to infiltration (HSG C/D soils); therefore, biofiltration is acceptable in lieu of infiltration to satisfy the RCWD Rule C.5(c) volume control requirement (i.e. treatment of the runoff volume generated by a 0.8-inch storm event within the contributing area to the project site). Additionally, per RCWD Rule C.2(e), the redevelopment rule applies only to the proposed area of disturbance.

The Applicant has submitted the RCWD Redevelopment Guidance document detailing the required treatment volume (0.06 AF). The biofiltration basins are sized to collectively provide 0.063 AF of storage volume and; although they do not directly receive runoff from the disturbed areas due to the existing grades, they are sited to collect a good portion of the existing parking lot, thereby satisfying the District's volume control requirement. Impervious surface is reduced under proposed conditions and thus peak discharge rates will not increase as a result of the project, thereby satisfying District rate control requirements. Pretreatment of the biofiltration basins is provided by incorporation of a buffer strip using Enkamat or equivalent Turf Reinforcement Mat (TRM) to stabilize and enhance permanent vegetative growth at the proposed curb cut openings. Additional BMP design information is required to be submitted prior to permit issuance as detailed under Pending Item 1.

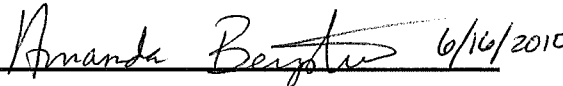
3. Wetlands – There are no wetlands onsite.
4. Floodplain – There is no RCWD regulatory 100-year flood elevation established for this site.
5. Erosion Control – Coverage under the MPCA NPDES General Construction Stormwater Discharge Permit is not required for this project because less than an acre of disturbance is proposed.

The submitted plans include standard detail plates for silt fence, catch basin inlet protection, and rock construction entrance. Additionally, the plans indicate enkamat placed at curb cut spillways into the proposed infiltration areas, catch basin inlet protection, and a specification is provided indicating that all disturbed areas be vegetated/restored within one week of substantial completion of grading. A revised plan is required clearly identifying locations of silt fence placed downslope of disturbed areas (as needed), and rock construction entrance, and providing revegetation specifications for disturbed areas. A standard detail plate is required for the enkamat installation. Inlet protection is required for the catch basin in the location of the connection to the bank parking lot.

6. Documenting Easements and Maintenance Obligations – The Applicant shall provide drainage and flowage easements, draft maintenance declaration, and receipt showing recordation once approved as applicable to all proposed stormwater facilities.

7. Previous Permit Information – A stormwater management plan for the area north of County Road B2, east of Fairview Avenue, west of Fry Street, and south of existing residences along the south side of Oakcrest Avenue, was approved under RCWD CSMP Application 84-C14. Soon thereafter, a commercial/retail building and associated parking area known as Pavilion Place, located immediately east of this site, was reviewed and approved under RCWD Permit Application 84-64. The Rosedale Commons mall and associated parking lot was permitted under RCWD Permit Application 85-07.

I assisted in the preparation of this report under the supervision of the District Engineer.

 6/16/2010

Amanda Bergstrom, EIT
MN Cert. No. 126095

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

 6/16/2010

Brent Johnson, PE
MN Reg. No 20378



Permit Application Number:

10-038

Permit Applicant Name:

Forest View Elementary School

Applicant:

Lawrence Martini
I.S.D # 831
6100 North 210th Street
Forest Lake, MN 55025
Ph: 651-982-8125
lmartini@forestlake.k12.mn.us

Consultant:

Greg Buchal
Larson Engineering
3524 Labore Road
White Bear Lake, MN 55110
Ph: 651-481-9120
Fx: 651-481-9201
gbuchal@larsonengr.com

Mike Kopietz

I.S.D # 831
6100 North 210th Street
Forest Lake, MN
Ph: 651-982-8117
mkopietz@forestlake.k12.mn.us

Project Name: Forest View Elementary School

Purpose: Land development project consisting of adding additional off-street parking and safety by separating bus and vehicle traffic for student drop-offs.

Site Size: Site size (based on parcel info) = 44.7 acres, 1.2 acres of disturbed area. PID: 163-0803221310003

Location: Forest View Elementary School, 620 SW 4th Street, Forest Lake, MN 55025

T-R-S: SW ¼ Section 8, T32N, R21W

District Rule: C,D

Recommendations: CAPROC

CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items.

Rule C - Stormwater

1. The applicant is proposing biofiltration to meet Rule C.5 Water Quality and Volume Control Standards. However, the proposed biofiltration detail as shown in the plan is indicative of filtration. The applicant must provide justification to use filtration or adjust plans and details to provide biofiltration (Rule C.5(e)).

Rule D – Erosion and Sediment Control

2. Provide the name and contact information of the successful bidder of the project.

3. Submit the following information per Rule D.4:
 - (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
 - (g) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Administrative

4. The applicant must submit a draft Declaration for Maintenance of Stormwater Management Facilities acceptable to District engineer and attorney for the proposed onsite stormwater management features. However, since the applicant is a public entity they may enter into a maintenance agreement with the District in lieu of a Declaration of Maintenance.

Stipulations:

The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, applicant agrees to these stipulations

1. An as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) is to be submitted to the District for verification of compliance with the approved plans.

Exhibits:

1. Revised Permit Drawings, Forest View Elementary School Parking Lot Expansion, prepared by Larson Engineering, Inc., containing the following sheets received 6-7-10;
 - Title Sheet (Sheet T)
 - Topographic Survey (Sheet 1B)
 - Demolition Plan (Sheet C1)
 - Paving, Dimension, and Striping Plan (Sheet C2)
 - Grading and Erosion Control Plan (Sheet C3)
 - Utility Plan (Sheet C4)
 - Landscaping Plan (Sheet L2)
 - Details (Sheets D1 and D2)
2. Permit Application dated 5-14-10 received 5-14-10.
3. Geotechnical Evaluation Report, prepared by Braun Intertec, dated 4-30-10 received 5-14-10.
4. Stormwater Calculations and SWPPP Application, prepared by Larson Engineering, dated 5-14-10 and received 5-14-10.
5. Revised Stormwater Calculations and Summary, Drainage Map and Impervious Calculation Worksheet, received 6-7-10.
6. Revised Existing Drainage Computations and Stormwater Summary, prepared by Larson Engineering, received by email 6-8-10.

Findings:

1. Description – The proposed project will convert existing gravel parking lot and open spaces into a paved parking lot. The site will disturb approximately 1.2 acres. The total amount of reconstructed impervious surface is 0.99 acres. The proposed impervious surface will decrease by 0.06 acres following construction. The entire site drains to a large wetland and ditch system and eventually enters Clear Lake in Forest Lake, MN.
2. Stormwater – This project is classified as land development of an institutional site. The project is providing two filtration basins to meet district rate and water quality requirements. The required water quality treatment volume will be 2,600 cubic feet. The filtration basins will provide 5,500 cubic feet of combined water quality treatment volume.

The site is located entirely on a previously developed property. The applicant is justified in using the same runoff curve numbers for the post-developed condition as for the existing condition.

Geotechnical exploration was submitted by applicant. The exploration contained borings showing soils not suitable for infiltration. The soil borings contained native clay soils with Hydrologic Soil Group C and D classes. Fill was shown for each soil boring with an average depth of 3 to 6 feet.

Applicant has demonstrated on-site infiltration is not feasible. Applicant has provided filtration in accordance with Rule C.5. Applicant has provided calculations showing drawdown time of the filtration structures based on the draitile pipe outlet. The outlets are shown to provide greater flow than the filtration medium and therefore are less restrictive.

Both treatment BMP's will have a strip (approximately 3' wide) of coarse filter aggregate exposed to the surface where the draitile will be placed as shown in Sheet D2. Although the detail states the BMP to be "Bio-Filtration Basin", the lack of plant medium within the aggregate is considered filtration instead of biofiltration. The applicant must provide justification on use of filtration or revise structures to allow biofiltration per Rule C.5(e).

The applicant is providing adequate pre-treatment measures in the form of armored flex reinforced mat routing from the curb cuts to the filtration basin floor. The slope of the channel from the curb cut to the basin floor is flatter than 20% or 5:1 horizontal to vertical.

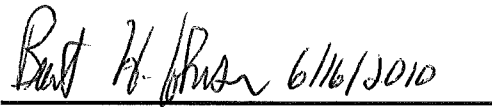
Hydrologic calculations for the 2-year (2.80 inch), 100-year (5.90 inch) 24-hour rainstorm and the 100-year 10-day snowmelt (7.2 inch) events were submitted. The existing versus proposed flowrates are shown in the following table in cfs:

Storm Event	Existing	Proposed
2-Year	9.80	4.77
100-Year	24.30	16.63
100-Year Snowmelt	1.61	1.54

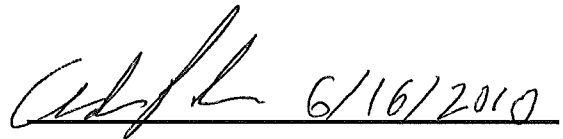
All site runoff will drain to a large receiving wetland via a swale and a 15" PVC outlet located at the southwestern portion of the site. The receiving wetland is located inside (west) of the existing treeline as indicated on Sheet C3 and is shown to be outside of the project construction limits.

3. Wetlands – All site drainage will flow into a large wetland classified as a PEMB (Cowardin) or Type II (Circular 39) based on the NWI map. The susceptibility of the receiving wetland is considered slightly susceptible based on RCWD staff review. The change in bounce and inundation period of the receiving wetland will be negligible. The proposed increase in stage is less than 1 tenth of a foot based on a 100-year storm, and the change of inundation period is less than 1 day. The wetland is located outside of the project construction area. No wetlands are located within the construction project area.
4. Floodplain – This site is not in the regulatory floodplain.
5. Erosion Control – The project will require an NPDES permit. The District will require verification that the NPDES application has been submitted to MPCA. A SWPPP has been completed by the applicant. The applicant is required to provide contact information of the responsible party in charge of maintenance of all stormwater and erosion control features. The applicant has submitted a plan showing erosion control measures including silt fence, inlet protection, rock construction entrance and erosion blanket outfall protection meeting criteria of Rule D.3.
6. Documenting Easements and Maintenance Obligations –Applicant must execute an agreement with the RCWD for the maintenance of the stormwater facilities to ensure proper functioning.
7. Previous Permit Information – The old Maroon and Gold Arena site was constructed as part of Permit 80-045, the Maroon and Gold Arena was improved as part of Permit 86-118. Improvements and expansion of Forest View Elementary was conducted as part of permits 88-067 and 99-047.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

 6/16/2010

Brent Johnson, PE
MN Reg. No 20378

 6/16/2010

Adam Parker, PE
MN Reg. No 42733
CPESC, CPSWQ



Permit Application Number:

10-039

Permit Applicant Name:

2010 Street Rehabilitation Project

Applicant:

Grant Wyffels
City of New Brighton
803 Old Highway 8 NW
New Brighton, MN 55112
Ph: 651-638-2053
Fx: 651-638-2044
grant.wyffels@newbrightonmn.gov

Consultant:

Paul Hudalla
WSB and Associates
701 Xenia Avenue S, Suite 300
Minneapolis, MN 55416
Ph: 763-287-7176
Fx: 763-541-1700
phudalla@wsbeng.com

Kerry Thorne
City of New Brighton
Ph: 651-638-2055
kerry.thorne@newbrightonmn.gov

Project Name: 2010 Street Rehabilitation Project

Purpose: S&UC – Street and Utility Construction

Site Size: Project work will be conducted on 4,800± L.F. of street, or 3.4± acres

Location: 17th Avenue NW from 14th Street to Long Lake Road (2,650± L.F.), 28th Avenue NE North of Rice Creek Blvd (320± L.F.), 27th Avenue and 21st Street South of Mississippi Street (550± L.F.), Daisy Court north of Mississippi St (630± L.F.), and 25th Street between Long Lake Road and 14th Avenue (650± L.F.), New Brighton

T-R-S: Sections 17, 18 and 19, T30N, R23W

District Rule: C, D

Recommendations: CAPROC

It is recommended that this Permit Application be given Conditional Approval Pending Receipt of Changes (CAPROC) and outstanding items related to the following items.

Rule D – Erosion and Sediment Control

1. Provide the name and contact information of the successful bidder of the project.
2. Per Rule D.4(c), submit the name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
3. Per Rule D.4(g), provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Administrative

4. The applicant must execute a maintenance agreement for Maintenance of Stormwater Management Facilities acceptable to District engineer and attorney for proposed onsite stormwater management features.

Stipulations: The permit will be issued with the following stipulations as conditions of the permit. By accepting the permit, applicant agrees to these stipulations

1. An as-built survey of all stormwater BMPs (ponds, rain gardens, trenches, swales, etc.) is to be submitted to the District for verification of compliance with the approved plans.
2. For final infiltration credit determination, submit the 2-year, 10-year and 100-year, 24-hour rainfall event HydroCAD model updated to reflect as-built conditions.

Exhibits:

1. Permit application dated 5-14-2010.
2. Plan set containing sheets 1-15 of 15, dated 5-11-2010, received 5-14-2010.
3. Plan sheet 12 of 15, 5-11-2010, replaces sheet 12 received 5-14-2010.
4. Project narrative dated 3-13-2010 and received 5-14-2010.
5. Storm Water Pollution and Prevention Plan, no date, received 5-14-2010.
6. HydroCAD model containing the 2-year and 100-year 24 hour rainfall events for proposed infiltration feature.
7. WSB email submittal of old plans and as-built dated 8-12-1980 received 5-21-2010.
8. WSB email submittal of old photos dated 1940, 1953, 1974, and 1985 received 5-25-2010.
9. Response letter dated 6-3-2010 and received 6-4-2010.
10. Geotechnical report dated 5-4-2010 and received 6-4-2010.
11. Drainage sheet for adjacent property, dated 4-03-98 and received 6-4-2010.
12. Drainage maps, no date, received 6-4-2010.
13. HydroCAD model containing the 2-year and 100-year 24 hour rainfall events, and the 100-year, 10-day snowmelt for proposed infiltration feature.

Findings:

1. Description – The proposed project includes curb, street and utility repair, and a mill and overlay on five sections of road within New Brighton. The overall project disturbance is approximately 4,800± L.F. of street or 3.4± acres. The project will not add any new impervious surface. In addition to the street rehabilitation work, the project proposes to add a new infiltration area for banking credit located in Meadowwood Park, south of 21st Street NW.
2. Stormwater – The street work is classified as rehabilitation and mill and overlay and thus does not have a Rule C.5 water quality and volume control requirement. The road work and utility replacements proposed as part of this project meet the spirit and intent of rehabilitation, as defined by the RCWD Rule A definition. Only 8±% of the total project area is disturbed. The maximum disturbance on an individual street is 13±%, which occurs on 17th Avenue NW. The activities covered under rehabilitation by definition do not increase impervious area or change drainage patterns and thus rehabilitation by definition meets Rule C.6.

The project also includes the construction of an infiltration BMP for banking credit, which will disturb approximately 0.5± acres. The infiltration BMP is designed with a wet pond area for pre-treatment, and has an extended infiltration bench. The applicant has requested infiltration credit based on the amount of water infiltrated as shown by the HydroCAD model, which is consistent with Rule 5(b). The maximum preliminary credit is estimated to be 29,980 cubic feet, the volume of water infiltrated during a simulation of the 100-year, 24-hour rainfall event, using an infiltration

rate of 0.5 inches per hour, which the District Engineer deems appropriate given the soils on the site. Final credit will be granted after the HydroCAD model is updated based on the as-built survey information.

The applicant indicated that the City may perform additional testing during construction and request that a higher infiltration rate be used, if warranted. This is acceptable provided that a Double Ring Infiltrometer Test (ASTM D 3385) is used and the applicant follows procedures consistent with the Minnesota Stormwater Manual Chapter 12-8 Section 7 (Step 6) for measuring infiltration rates. Total credit may not exceed 73,326 cubic feet (2-inches over the contributing drainage to the BMP of 10.1 acres per Rule C.5(f)(3)).

The proposed infiltration basin does not increase the impervious area and the existing stormwater flow patterns have not been altered. The basic inputs for a hydrologic model (drainage area, curve number, time of concentration, runoff storage and precipitation) demonstrate that a model would indicate compliance with the RCWD rules based on:

- no changes to the drainage areas, time of concentration and precipitation,
- no changes to the impervious area and curve number,
- an increase in infiltration, and
- a net gain in runoff storage.

Based on these factors, additional modeling for this project would not provide added value or information beyond what is already presented, so the District Engineer concludes that the applicant satisfactorily has demonstrated compliance with RCWD rule C.6 for rate control.

Pre-treatment is provided by the wet-pond area, which is adequate to meet Rule C.8(a)(1). The infiltration area is 2-feet deep and at an infiltration rate of 0.5 inches per hour, expected to drawdown within 48-hours per Rule C.8(a)(2). The average seasonal high water is around 883.55, which is 3.45 feet below the lowest infiltration areas bench elevation of 887, and thus compliant with Rule C.8(a)(3).

The applicant has submitted information showing that the project is in compliance with the freeboard requirements of Rule C.8(e), and the District Engineer concurs with the assessment.

3. Wetlands – This project proposes a BMP in a location which has indications of being wetland. The site is located directly south of 21st Street at 27th Avenue in New Brighton, MN. RCWD staff visited the site on 5-14-2010 and found hydrophytic vegetation, hydric soils and evidence of saturated soil conditions. RCWD staff communicated to the applicant concern that the location is suspect of being wetland. The applicant/consultant provided historic photos, historic plans and as-built document for the area suggesting that the current site conditions are an incidental wetland as outlined in MN Rule 8420.0105 subpart 2 D. The review of the submitted items indicates that the lowest elevation prior to development was to the north of the area of concern. Further and of greater importance the site was graded in its' entirety for placement of the present day stormwater feature. If the area was indeed wetland prior to the 1980 site grading it was completely graded to serve as a stormwater feature. RCWD staff communicated with BWSR on the issue and BWSR orally supported the conclusion that the area is an incidental wetland; a non-jurisdictional wetland. The RCWD staff finds that the applicant has demonstrated the area to be an incidental wetland and non-jurisdictional in accordance with MN Rule 8420.0105 subpart 2 D.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods for the street rehabilitation include inlet protection and street sweeping. Proposed erosion control methods for the infiltration BMP include silt fence, a rock construction entrance, culvert inlet protection, mulch, rip-rap and erosion control blanket. An NPDES permit is required for the project and a draft application has been

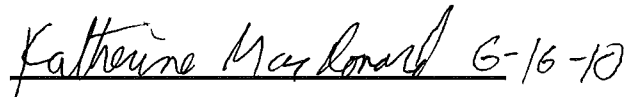
submitted. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with Rule D requirements.

6. Documenting Easements and Maintenance Obligations –Applicant must execute an agreement with the RCWD for the maintenance of the stormwater facilities to ensure proper functioning.
7. Previous Permit Information – No previous permit information was found for this site.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the state of Minnesota.

 6-16-2010

Brent Johnson
MN Reg. No 20378

 6-16-10

Katherine MacDonald
MN Reg. No 44590

ITEMS REQUIRING BOARD ACTION

1. Consider Northwestern College Water Quality Cost-share Program Application

MEMORANDUM

Rice Creek Watershed District

Date: June 16, 2010
To: RCWD Board of Managers
From: Kyle Axtell, Water Resource Specialist
Subject: Water Quality BMP Cost-Share Applications

1. R10-07 Northwestern College

- Location: South shore of Lake Johanna, Arden Hills
- Project Type: Lakeshore Restoration, Lake Johanna
- Total Eligible Project Cost: \$121,633.33 (St.Croix Valley Bid, RCD-approved)
- RCWD Cost-Share Request: \$30,408.33 (25%)

BACKGROUND

Over the last 12-15 months, The Ramsey Conservation District (RCD) and the RCWD have been working with Northwestern College to develop a restoration plan for their campus' shoreline on the south end of Lake Johanna. Lake Johanna is approximately 212 acres in size and has roughly 17,500 linear feet of shoreline, including its two islands. It is a highly valued water resource for its recreational and aesthetic opportunities and currently exhibits good water quality. It is impaired only for aquatic consumption (Hg & PFOS) and not for nutrients such as phosphorus or other biotic indicators. Lake Johanna is a priority waterbody for the RCWD and is designated as a Tier 1 lake in the draft 2009 Watershed Management Plan.

Northwestern College's campus is situated on the south-central shore of Lake Johanna and encompasses the vast majority of a large peninsula and all of an adjacent island. In total, the campus is responsible for nearly 3,400 linear feet of the lake's shoreline (roughly 19%), making this property an extremely vital and visible landmark capable of setting a prime example for area waterfront property owners, visitors to the lake and students at the college. RCWD Staff feels that this project is extremely important and will provide many different benefits such as erosion control, nutrient reduction, educational outreach opportunities, and wildlife habitat improvement.

The ultimate goal of the College is to complete stabilization and restoration activities for the entire shoreline. Due to the massive size of such an undertaking, the project is being broken up into distinct phases for implementation, as funding allows. The project being proposed at this time encompasses Phase 1 and includes restoration of the campus' entire eastern shoreline, approximately 1,360 linear feet in all. The eroded undercut shoreline ranges from 2-5 feet in height throughout the project area, and a stabilization product called Envirolok will be utilized to provide a permanent erosion control practice while still providing for the installation of native vegetation (see attached brochure). A severely eroding local storm sewer outlet channel will also be rehabilitated and stabilized.

This project has gone through a competitive bid process. Five bids were received and reviewed on June 14, 2010. There were two low bids that warranted consideration, and based primarily on merit, the lowest bid was ultimately chosen. St. Croix Valley Landscaping was the chosen contractor and has been notified, pending approval of cost-share funding by the RCWD and RCD Boards. The total approved bid cost is \$121,633.33. The RCD is considering approval of a 50% cost-share through a BWSR grant (\$60,816.67) at a special meeting to be held on June 29, 2010. **The proposed RCWD cost-share contribution is up to \$30,408.33, not to exceed 25% of eligible project expenses.**

MEMORANDUM

Rice Creek Watershed District

Here are some key items I would like to offer for consideration when weighing the merits of this project against its perceived high cost:

1. The average cost per linear foot of shoreline restored for this project is \$89, which is not extravagant, especially considering the increased cost of the Envirolok system. Typical smaller residential shoreline restorations funded by the RCWD have ranged from \$50 to \$120 per linear foot depending on the complexity of the project.
2. In 2009, the RCWD approved \$40,490.33 in cost-share funding for a total of 1,370 linear feet of shoreline restorations, District-wide. This project alone, at lower cost, would equal last-year's entire accomplishment for this BMP.
3. Property ownership will never be in question, and the college is committed to maintaining the practices indefinitely.
4. The BWSR grant requires a 15 year operations & maintenance agreement – RCWD requires a 10 year O&M for this project.
5. Fully funding this project at the proposed level (\$30,408.33) will still leave over \$27,000 in available project funding for use in Ramsey County.

This proposal has not been formally considered by the RCWD Advisory Committee, due to timing considerations and a lack of a July AC meeting. If approved, the college wishes to complete most of the construction during summer break, when fewer students and visitors are on campus. Also, given the size and scope of this project, waiting until August for approval is not considered feasible for a successful installation in 2010. The project was presented to the AC in concept at the April 7, 2010 meeting and an update was provided at the May 5, 2010 meeting. The AC discussed the project, aware that it would not see the final bids, and indicated approval for RCWD staff to bring this project directly the Board for consideration.

RECOMMENDATION

RCWD Staff recommends that the RCWD Board of Managers approve Water Quality BMP Cost-Share funds for the Northwestern College lakeshore restoration project.

Proposed motion:

Manager _____ moves to approve RCWD Water Quality BMP Cost-Share Contract R10-07 for the Northwestern College lakeshore restoration project, up to \$30,408.33, not to exceed 25% of eligible project expenses.



1425 Paul Kirkwold Dr.
Arden Hills, MN 55112
Telephone 651 / 266-7270
Fax 651 / 266-7276
www.ramseyconservation.org

June 15, 2010

Project:

Northwestern College
Matt Brown
3003 Snelling Ave N
Roseville, MN 55113

Project Overview:

We are proposing a 1,360lf (13,600sf) shoreline restoration/stabilization on Lake Johanna which is a RCWD Tier II Lake. The shoreline will be stabilized by a combination of practices including Envirolok, erosion control products, and native vegetation. The college is committed to the long term maintenance of the project and will have, at minimum, yearly inspections by the RCD to ensure the project is establishing as intended.

There will be a riparian buffer installed at varying widths that will reduce the pollutants carried down the steep slope by overland flow. Native plants will be used throughout this portion. Buckthorn and other invasive species will be removed to create the most diverse and stable practice.

Funding Request:

Total: \$121,633.33
Cost Share Request: \$30,408.33 (25% Project Cost)
RCWD Contract#: R10-07

Recommendation:

Based on the potential water quality improvement from this project to Lake Johanna and the education component, it is the RCD staff recommendation to encumber \$30,408.33, or 25% of total eligible costs, whichever is less.

The college is excited to partner with RCWD and the RCD to stabilize the shoreline.

Sincerely,

Ryan Johnson
Urban BMP Specialist
Ramsey Conservation District

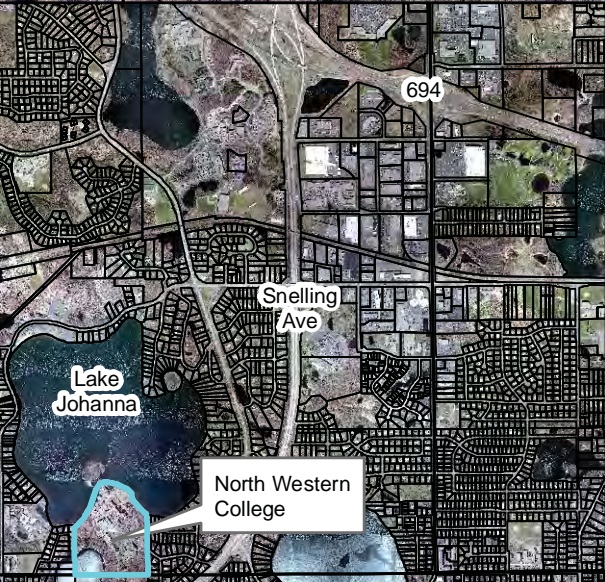


Phase 2
Yr- 2011

Phase 1
Yr- 2010

Phase 2
Yr- 2011

North Western College

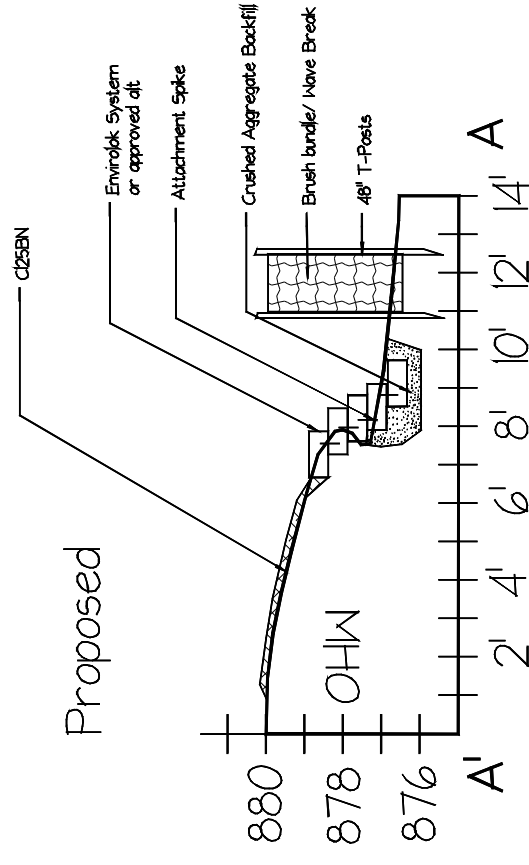
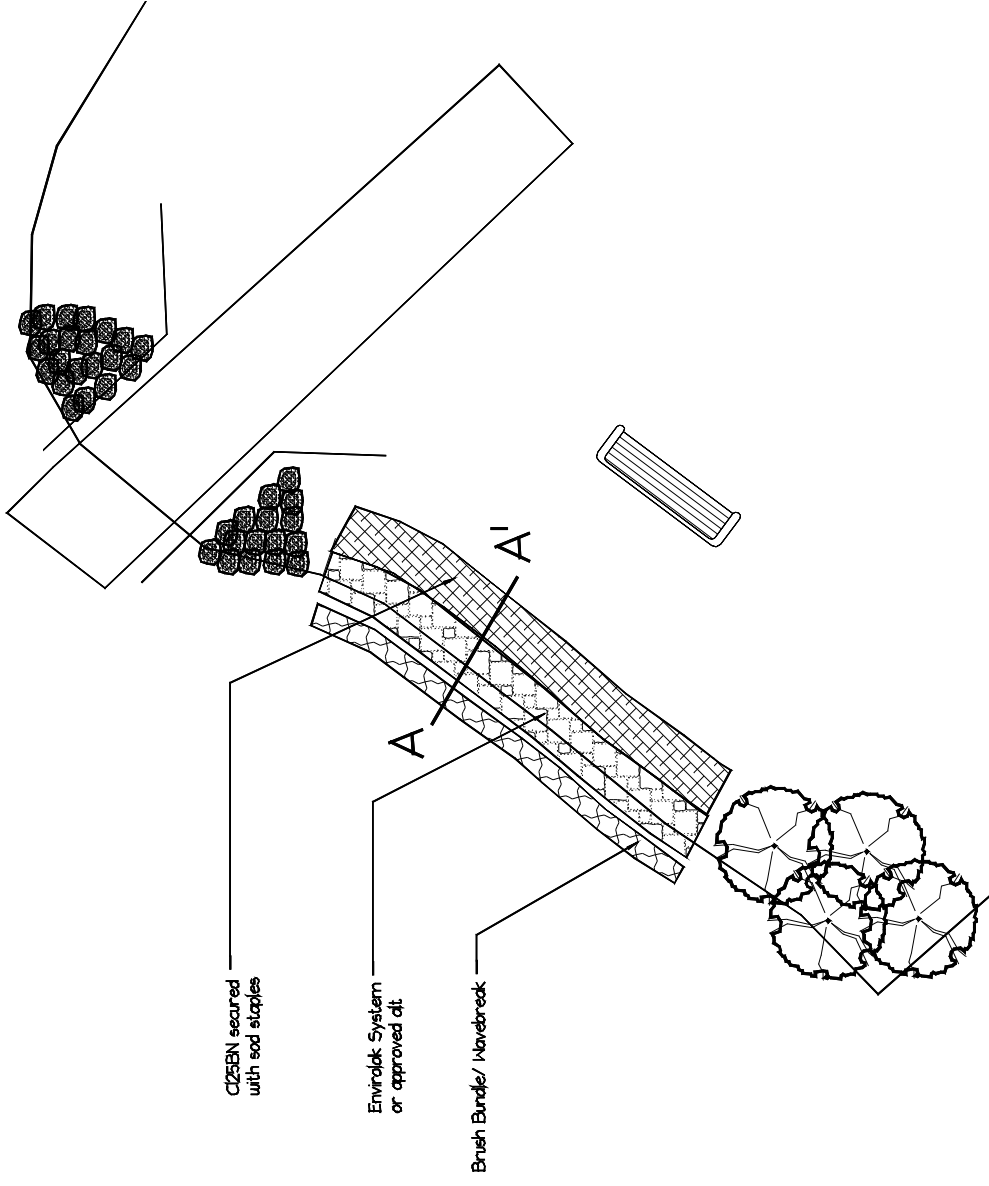


North Western College

Northwestern College
Matt Brown
3003 Snelling Ave North
Roseville, MN 55113
Lake Johanna



0 100 200 Feet

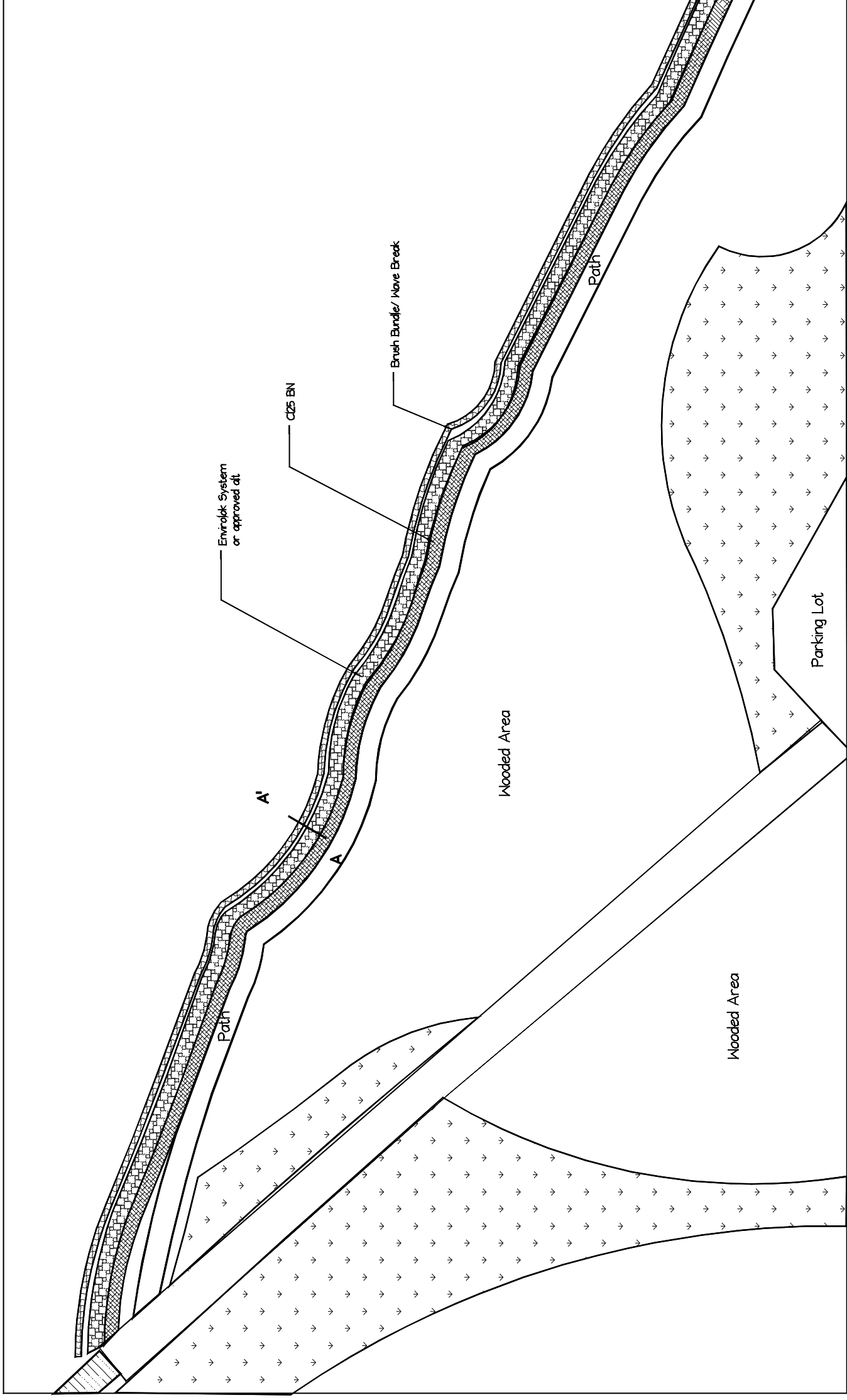


NOTES

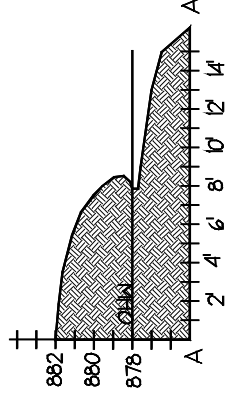
- Remove Dead/Weedy Vegetation where necessary (leave native species) and treat with water safe herbicide
- Rake lightly to create uniform area
- Secure C25BN where needed
- Place Envirolok (or alt.) system and secure per manufactures specs
- Plant Exclusion Fencing and secure with 5' T-Posts every 10' oc
- Plant plants throughout section
- HydroMulch/seed is viable option for Envirolok (or alt.) system

Shoreline Restoration Section 3 (Phase 1 - 2010)	
Northwestern College 3003 Snelling Avenue North, Roseville 55113	
Partners	Ramsey Conservation District (Preparer)
	Board of Water and Soil Resources
	Northwestern College
	Rice Creek Watershed District
Page	Section 3
Date	30-Apr-10
Scale	1" = 15'
Original	1" x 17"

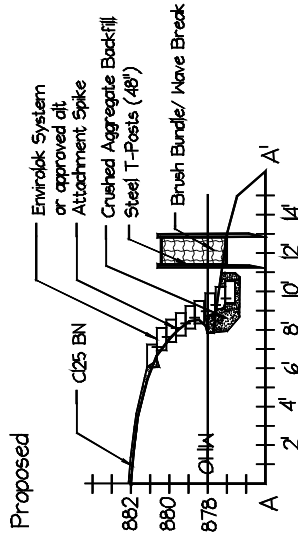




Existing Conditions



Proposed



1" = 10' SCALE

*Envirolok (or alt.) system should have aggregate filled bags 6" above OWH

NOTES

- Remove Dead/Weedy Vegetation where necessary (leave native species) and treat with water safe herbicide
- Rake lightly to create uniform area
- Secure C125BN where needed (tuck under Envirolok bags)
- Fill Envirolok bags in emergent area with crushed aggregate and fill remaining with soil mix
- Secure bags with bag stabilizer strips and attach with spikes
- Plant Plants as needed throughout section
- Hydro Mulch/seed is viable option for Envirolok (or alt.) system
- Plant bags with plugs every 18"

Shoreline Restoration Section 4

(Phase I - 2010)

Northwestern College

3003 Snelling Avenue North, Roseville 55113

Partners
Ramsey Conservation District (Preparer)

Board of Water and Soil Resources

Northwestern College

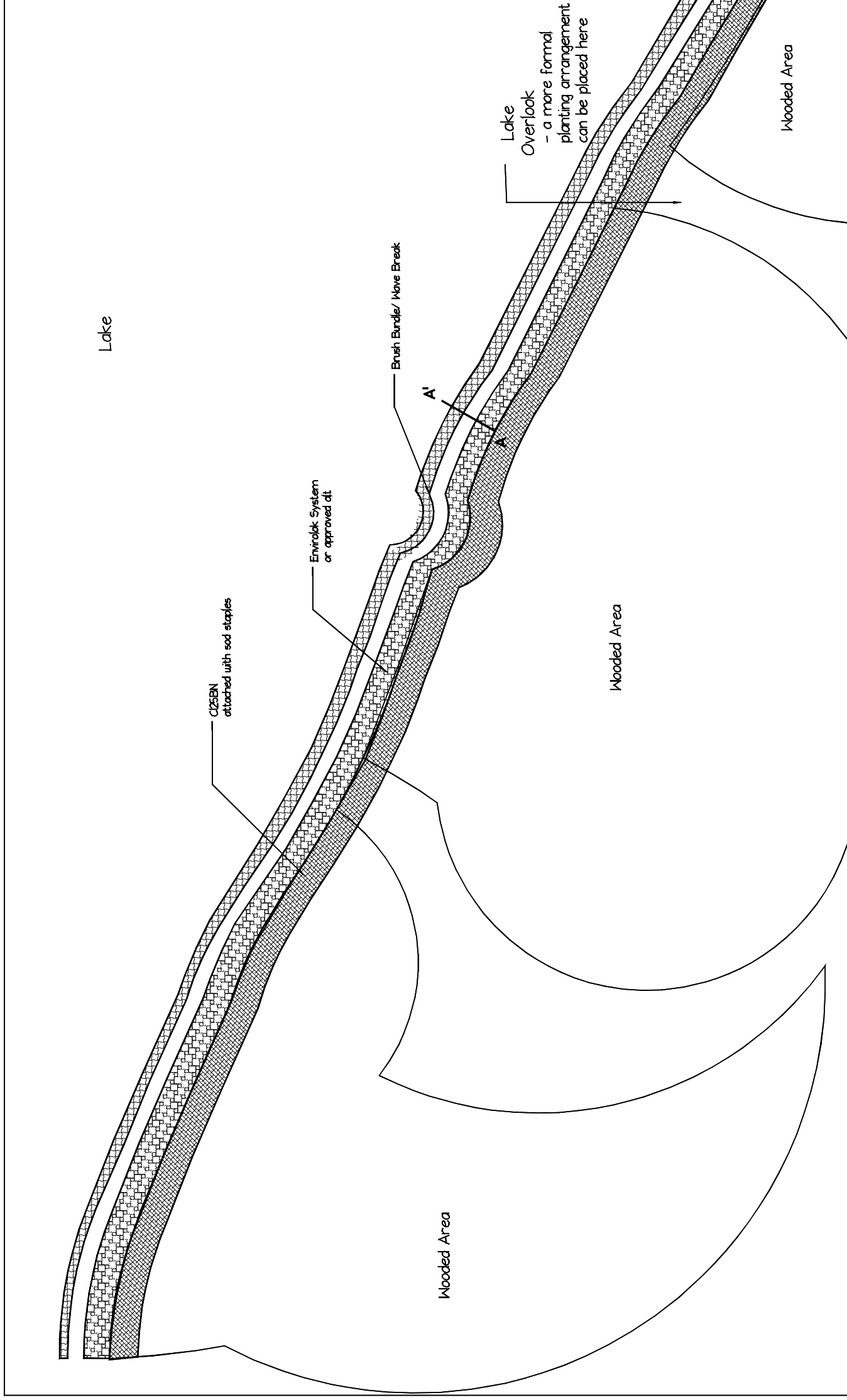
Rice Creek Watershed District

Page Section 4

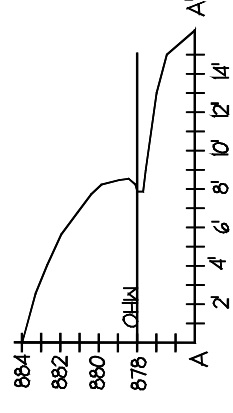
Date 30-Apr-10

Scale 1" = 30'

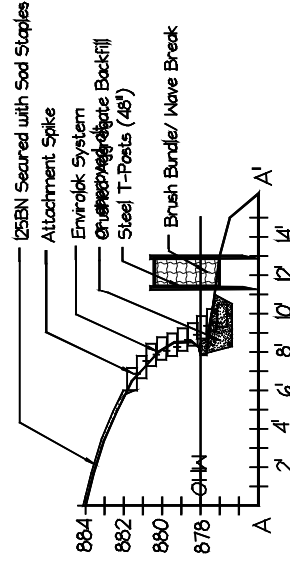
Original 1" x 17"



Existing Conditions



Proposed



1" = 10' SCALE
 #Envirolok (or alt.) system should have aggregate filled bags 6" above OHW

NOTES

- Remove dead/weedy vegetation where necessary (leave native species) and treat with water safe herbicide
- Rake lightly to create a uniform area
- Secure C25BN where needed (tie under Envirolok bags)
- Fill Envirolok bags in the emergent area with rock and the remaining bags with soil mix (these can be planted with plugs every 18")
- Secure Envirolok bags with bag stabilizer strips and attach with spikes
- Plant Plants as needed throughout section
- Hydro Mulch/seed is a viable option for Envirolok (or alt.) system

Shoreline Restoration Section 5
 (Phase I - 2010)

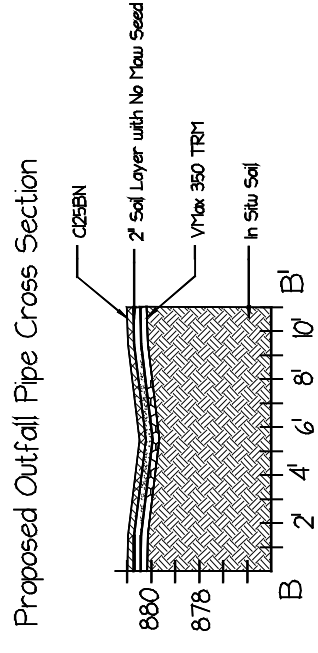
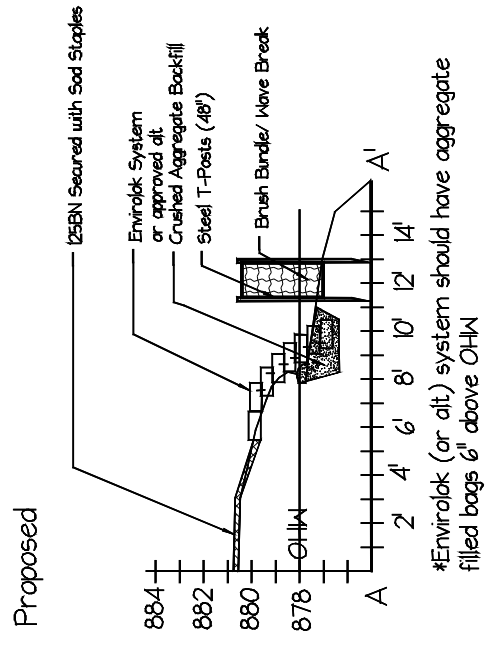
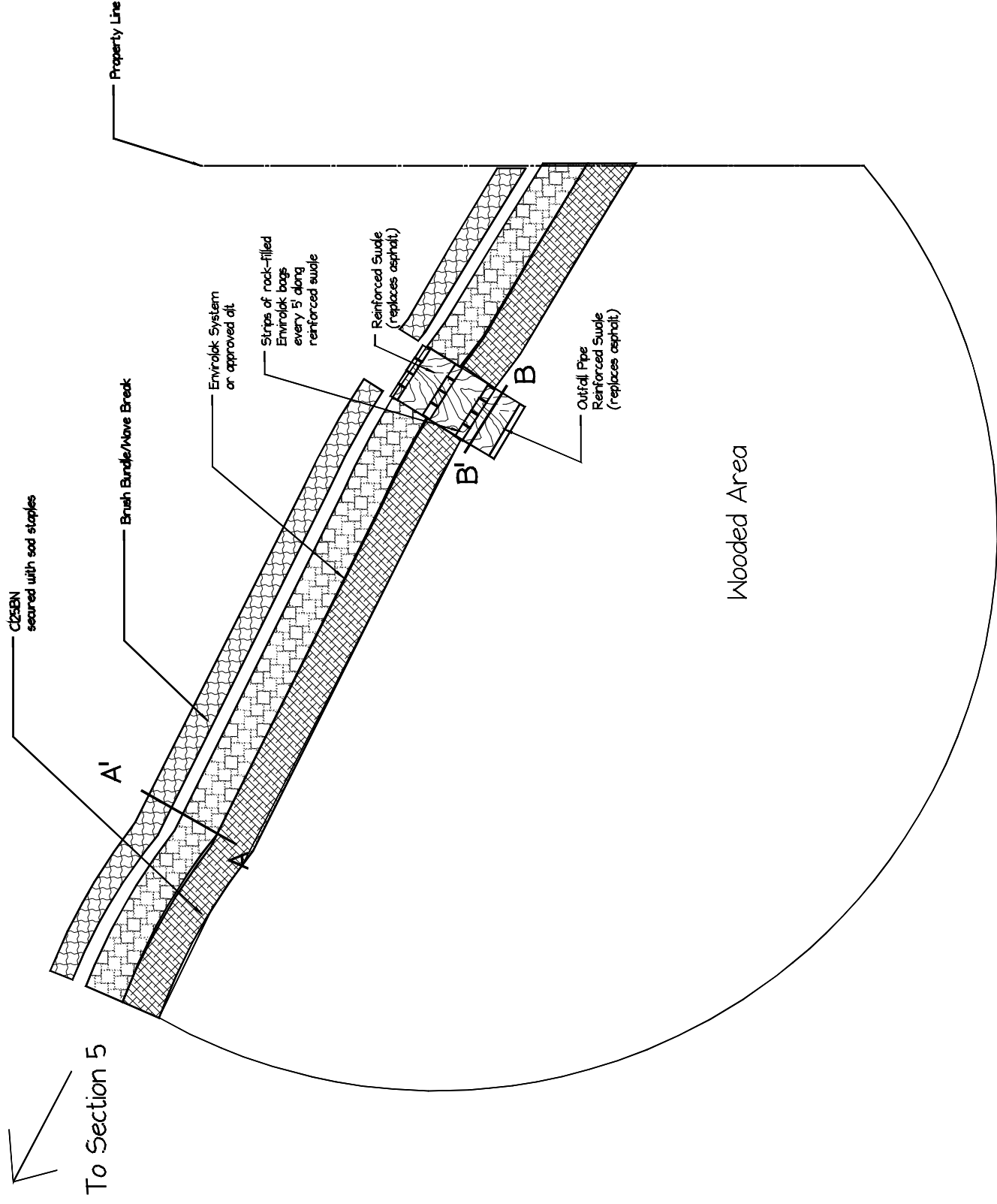
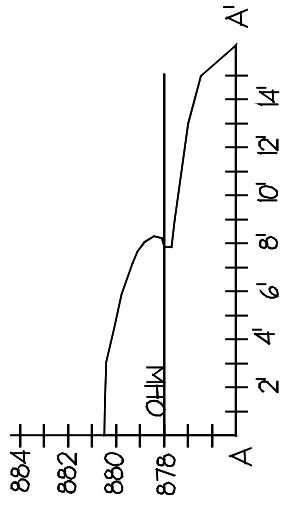
Northwestern College
 3003 Snelling Avenue North, Roseville 55113

Partners
 Ramsey Conservation District (Preparer)
 Board of Water and Soil Resources
 Northwestern College
 Rice Creek Watershed District

Page Section 5
 Date 30-Apr-10
 Scale 1" = 30'
 Original 11 x 17

Lake

Existing Conditions



1" = 10' SCALE

NOTES

- Remove dead/weedy vegetation where necessary (leave native species) and treat with water safe herbicide
- Rake lightly to create a uniform area
- Secure C25BN where needed (tie under Envirolok bags)
- Fill Envirolok bags in the emergent area with rock and the remaining bags with soil mix (these can be planted with plugs every 6')
- Secure Envirolok bags with bag stabilizer strips and attach with spikes
- Remove asphalt in front of drain outlet
- Replace with reinforced swale (Section B-B')
- Plant Plants as needed throughout section
- Hydro Mulch/seed is a viable option for Envirolok (or alt.) system

Shoreline Restoration Section 6 (Phase I - 2010) Northwestern College 3003 Snelling Avenue North, Roseville 55113	
Partners	Page Section 6
Ramsey Conservation District (Preparer)	Date 30-Apr-10
Board of Water and Soil Resources	Scale 1" = 15'
Northwestern College	Original 11 x 17
Rice Creek Watershed District	

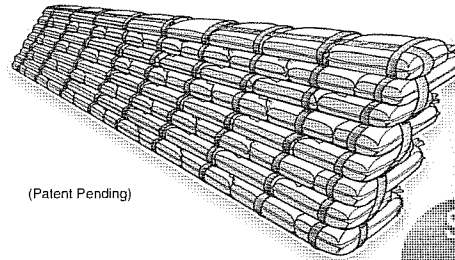


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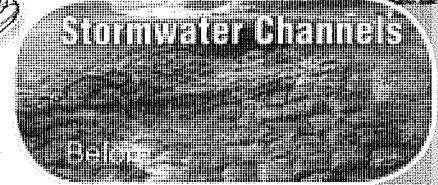


(Patent Pending)

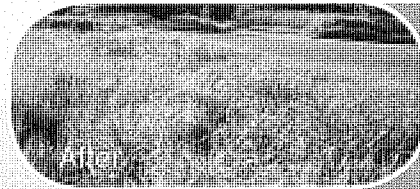
Envirolok Wall Systems promote the growth of native vegetation

- Strong, environmentally-friendly
- Create beautiful, permanent natural landscapes with native plants
- System has on-site adaptability
- Performs well in high sheer stress applications
- Ideal for steepened slopes requiring quick vegetation establishment
- This flexible system is proven to integrate with geogrid-based soil reinforcement

Your customers are asking for green solutions: Discover the strength and renewability of native root systems



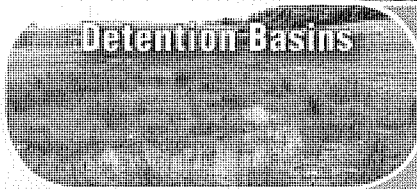
Stormwater Channels



Shoreline Solutions



After



Detention Basins



Rain Gardens

Components include:

- Envirolok bags
- Engineered sand/soil mixes
- Envirolok native seed mixes for hydroseeding
- Spikes
- Bag stabilizer
- Bag filling equipment

Envirolok systems:

- Become stronger over time
- When constructed to manufacturer's specifications, the wall becomes a solid, monolithic structure
- Adaptable solution for establishing local eco-type vegetation
- Envirolok distributors in the Continental United States and Canada (distributorships available)

Benefits include:

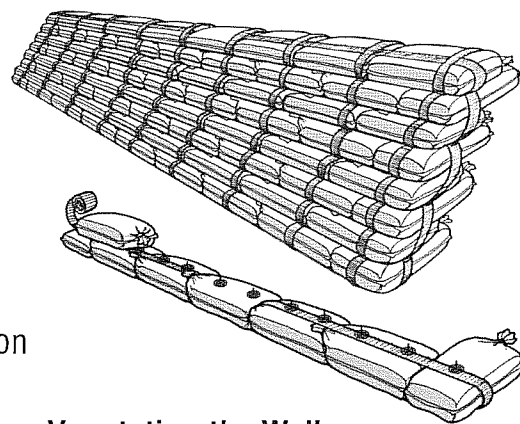
- Ideal for sensitive watersheds
- Native plants improve water quality
- Encapsulated soil prevents the spread of sediment
- Creates habitat; safe for amphibious species

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- Specifications
- Construction diagrams
- Engineered drawings
- Photos and case studies

Envirolok Vegetated Wall Systems

- Erosion control
- Shoreline stabilization
- Stormwater management
- Stream restorations
- Residential lakeshore preservation and remediation
- Landscape enhancements
- Creating functional green spaces
- Creating naturalized tributary buffers
- Natural retaining walls



Vegetating the Wall:

- After construction, the face of the bags are planted with native seed, plants and native sod
- Hydroseed with Agrecol's Envirolok Native Seed Mixes, or, use your own local eco-types
- Agrecol can provide Midwest native plants, sod and seed mixes for the Envirolok system. Contact your local supplier for native species specific to your eco-region
- Native plants develop extensive root systems, growing through the bags and into the parent material

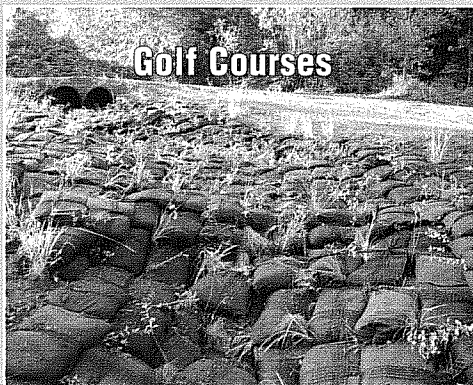
Special Notes:



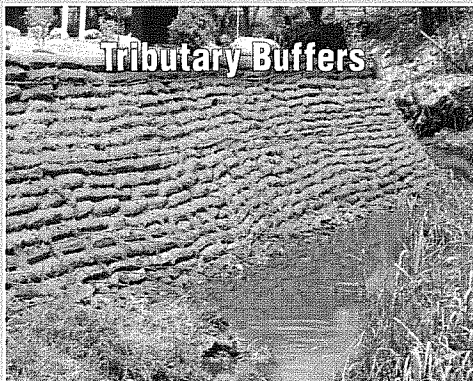
- Do not burn native vegetation growing on the Envirolok system. The bag fabric is flammable.
- When fully vegetated, bags retain their integrity up to 200 years, depending on conditions.
- Envirolok structures must be constructed and installed according to manufacturers' specifications.
- Advice from an engineer is recommended when building walls more than 4' in height, or when site conditions include unusual erosion or weak soil conditions.

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Golf Courses



Tributary Buffers



Shoreline



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Agrecol®
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Agrecol® Corporation
2918 Agriculture Drive
Madison, Wisconsin 53718
Telephone 608.223.3571
Fax 608.223.3575
ecosolutions@agrecol.com
www.agrecol.com

Northwestern College- 3003 Snelling Ave North, Roseville MN 55113

Bid from St. Croix Valley Landscaping

Phase 1 Materials List: Shoreline

Total Lineal Feet: 1,360

Total Square Feet: 13,600

Materials	Qty	Unit	Unit Cost	Amount
Brush Bundles (installed and removed by contractor)	1260	lf	\$4.76	5997.60
C125BN (6.5'x108.5')	9000	sf	\$0.22	1950.00
Envirolok System (or approved alt)	6077	sqft	\$15.49	94132.73
Erosion Control Delivery	4	job	\$312.50	1250.00
Herbivore-Exclusion Fence (4'x50' green vinyl-coated wire)	250	lf	\$0.80	200.00
Native Aquatic Plants	600	4" pot	\$3.00	1800.00
Native Plug - (1" - 6 Pack)	290	each	\$1.75	507.00
Native Plug - (1" - 6 Pack)	3074	each	\$1.80	5533.00
Native Shrub (1 Gallon)	385	each	\$14.00	5390.00
Plant Delivery	4	job	\$37.50	150.00
Securing staples- 500 ct (6" x 1")	4	box	\$56.25	225.00
Site Prep (Chemical app. - eg. Rodeo/Roundup)	64	Onuces		250.00
T-Post (5.5' steel t-post)	30	each	\$6.67	200.00
Repair of contractor access during construction	1	job	\$200.00	200.00
New Line Item- Clean-up 10 feet from shore (tx buckthorn,honeysuckle)	1	job	\$1,000.00	1000.00
materials above include labor			Material Est \$ -	118785.33
			Labor Est	
			Total \$ -	118785.33

Phase 1 Materials List: Outfall Pipe

Materials	Qty	Unit	Unit Cost	Amount
C350 TRM (6.5' x 55.5')	360	sf	\$0.36	130.00
Envirolok checks	36	sf	\$13.00	468.00
Coconut E.C.B. (C125 - 6.6' x 108'/roll, or equivalent)	360	sf	\$0.42	150.00
Soil Amendment (75% Sand, 25% Leaf Compost-Certified Source)	2.5	cy	\$30.00	75.00
Securing staples- 100 ct (6" x 1")	1	bag	\$25.00	25.00

Sweet Grass	1	lbs	\$80.00	80.00
Grading	4	hours	\$75.00	300.00
Soil/Debris Haul-away	1	job	\$250.00	250.00
Erosion Control Delivery	1	job	\$85.00	85.00
Soil Delivery	1	job	\$85.00	85.00
			Material Est \$ -	1,648.00
			Labor Est	1,200.00
			Total \$ -	2,848.00
				Total Phase 1 \$ - 121,633.33

*Materials are Estimate. Quantities may change during construction. Contact Conservation District for Approval Prior to quantiti



Water Quality BMP Cost-Share Program Project Screening Form

Project/Landowner: Northwestern College (c/o Matt Brown) 3003 Snelling Ave N	
County: Ramsey	BMP Type(s): Shoreline
Application Date: 15-Jun-10	BMP Effective Life: 10
Violation or Permit Requirement: no	Reviewer: Ryan Johnson

Projects are screened for potential grant eligibility based on the following criteria. (0 = low, 10 = high)

1. Is the project riparian to a lake, stream, ditch, or protected waters wetland (PWW)?
 Yes (5 points) No (0 points)

2. Is the project tributary to a PCA-listed impaired water (not mercury) or a RCWD Tier I or Tier II lake?
 Yes – Direct Connection (7 points) Yes – Within Subwatershed (3 points) No (0 points)

3. **Water Quality Improvement:** Improves and protects water quality through implementation of Best Management Practices (BMPs).
 0 1 2 3 4 5 6 7 8 9 10
 Comments: _____

4. **Surface Water Rate and Volume Control:** Implements controls to reduce and/or minimize the rate and volume of water that drains off of the property.
 0 1 2 3 4 5 6 7 8 9 10
 Comments: _____

5. **Erosion and Sediment Control:** Implements controls that minimize erosion and/or sedimentation to downstream waters.
 0 1 2 3 4 5 6 7 8 9 10
 Comments: _____

6. **Wildlife Habitat Improvement:** Creates or improves wildlife habitat through native plantings or other restoration efforts.
 0 1 2 3 4 5 6 7 8 9 10
 Comments: _____

7. **Public Outreach:** Willingness of applicant to allow signage, tours and site visits. Publically visible site. Diversity of practices.
 0 1 2 3 4 5 6 7 8 9 10
 Comments: _____

Total Score: 56
Minimum Eligibility = 31

ITEMS REQUIRING BOARD ACTION

2. Consider Proposed Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4 Cost Allocation and Financing mechanism

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers **Date:** June 16, 2010
From: Doug Thomas
Subject: ACD15/JD4 Repair Report – Proposed Project Cost Allocation and
Financing/Charge

Background / Discussion

On October 14, 2009 the Board adopted by resolution the ACD15/JD4 repair report (dated 1/15/2009) and an addendum to the repair report (dated 9/2009). In summary the order stated:

- A. The Board of Managers accepts the supplemented engineer's report for the repair of AWJD 4/ ACD 15 and concurs with the engineer's recommended repair Alternative 9.
- B. The Board of Managers further directs its staff to negotiate the details of a conveyance of the Houle WMA and portions of the Lamprey Pass WMA from the DNR to be presented to and approved by the Board prior to ordering the recommended repairs.
- C. Upon successful negotiation of an agreement for the purchase of DNR lands the Board of Managers directs its administrator to notice acceptance of the repair report and to open a 30-day period for review and comment.
- D. The Board of Managers further directs its staff to prepare an analysis of cost allocation and charges based upon implementation of recommended repair Alternative 9.
- E. Upon closure of the review and comment period, completion of the cost allocation and charge analysis and successful negotiation of the above conveyances, the Board shall set a date and location for final hearing on the repair report.

At this point in time we are at item D. which is the adopting a cost allocation and system of charges/financing for the project. The Board has had numerous discussions regarding the range of possible financing mechanisms since December of 2009. The most recent discussion took place on June 7, 2010 at the Board Workshop. Based on the discussion and comments made at the workshop the District Engineer has prepared a final Project Charge Memo (attached) for the Board's consideration.

One item that is pointed out in the memo is that the proposed system of charges includes city, county, and state owned properties located in the contributing drainage area. This is something that the Board will need to discuss and decide on whether to include or exclude these publically owned parcels from the charge system. Greater detail and options regarding this issue are found in the attached Project Charge Memo.

Also included with this memo is a draft resolution for the Board's consideration if it decides to adopt and move forward with the proposed cost allocation and financing mechanism.

Attachments: Project Charge Memo
Draft Resolution

MEMO

(External Correspondence)



HoustonEngineering Inc.

To: Doug Thomas,
RCWD Administrator

Date: June 16, 2010

Cc: John Kolb, Rinke-Noonan
File HEI Project No. 5555-060.07

From: Chris Otterness, P.E. *Chris*

Through: Mark Deutschman, Ph.D., P.E. *Mark*

Subject: ACD 15 / JD 4 Water Management
District Preliminary Charge Analysis
HEI Project No. 5555-060.07

Introduction

The provisions for the collection of charges under MS 103D.729 gives a Watershed District, through the amendment of its plan or during an update to the WMP, the authority to establish one or more Water Management Districts (WMD) for the purpose of collecting revenues and paying the costs of projects initiated under sections 103B.231, 103D.601, 103D.605, 103D.611, or 103D.730. The establishment of a WMD requires the description of the methods used to determine the charges. These methods were generally described for the ACD 15 / JD 4 public drainage system within the Watershed Management Plan (WMP) adopted by the Board of Managers on June 9, 2010. The methods for the proposed Anoka County Ditch 15 / Judicial Ditch 4 Water Management District (ACD 15 / JD 4 - WMD) are further described and the charges determined using these methods by this Memorandum. A general philosophy for funding project discussion believed to be consistent with the policies established within the WMP is also presented.

Preliminary Opinion of Probable Construction Cost

The Preliminary Opinion of Probable Construction Cost for the project (referred to as the "project estimated cost") was determined through the Addendum to the ACD 15 / JD 4 Repair Report dated November 6, 2009 for the alternative preferred by the Board of Managers; i.e., the Main Trunk Houle Realignment Alternative (MTHRA – Alternative 9). The project estimated cost was subsequently updated in January, 2010 and in June, 2010 to remove the cost of purchasing the portion of Lamprey Pass WMA immediately adjacent to T.H. 97, restoring wetlands on private properties, and to reflect current land costs for the Houle WMA based a recent appraisal of MnDNR land nearby, the cost of wetland restoration on private properties and updated unit prices. The Preliminary Opinion of Probable Construction Cost estimated by the District Engineer is \$2.34 million. This estimated cost has been used for the purposes of computing the estimated WMD charges. The actual construction cost will ultimately be used for this purpose.

Project Funding Approach

The Anoka County Ditch 15 Washington County Judicial Ditch 4 Repair Report dated January 15, 2009 and accepted by the Board of Managers (as well as the Addendum to the Repair Report) presented a method for apportioning the project cost based upon benefit categories. The benefit categories can generally be described as: 1) restoring the core agricultural drainage function of the system; 2) modifying the drainage system in the future to serve the municipal stormwater management needs as the area develops; and 3) ecological and environmental benefits related to improving water quality, preserving and restoring wetland habitat and enhancing ecological functions.

The Board of Managers, through various discussions, meeting and workshops, considered a variety of methods to fund the construction of the project. These methods included:

- Assessing the entire project estimated cost to lands within the boundary of the area contributing runoff to the public drainage system (i.e., the Water Management District);
- Apportioning all or a portion of the cost of a project feature to one or more benefit categories based upon the amount of benefit received; and

- Use of an Ad Valorem levy to all properties within the Rice Creek Watershed District.

Consistent with the drainage system policies identified within the WMP, the Board directed the District Engineer, legal counsel and staff to develop a funding structure based upon apportioning all or a portion of the cost of the project features to one or more benefit categories. As a matter of policy the Board preferred an approach using funds generated through an Ad Valorem levy for those project features having general public benefits. Conceptually, the Board preferred the use of funds generated through an Ad Valorem levy to be used to finance those features resulting in water quality, wetland, and ecological benefits. Project features directly benefitting properties within the area contributing runoff to the public drainage system should be funded through the use of a charge to such properties (within the WMD). Project features restoring core drainage functions create by the original construction of the system and future features required to accommodate municipal stormwater management needs as the area develops represent a direct benefit to lands located within the WMD. These future modifications are not envisioned as an increase in system capacity, but rather as an alteration of the system (e.g., relocating ACD 15) to accommodate future development.

Guidance provided by the Board of Managers additionally directed the District Engineer to develop an opinion with regard to the cost of restoring the core drainage function to serve agricultural lands within the WMD, excluding the probable cost of mitigating the unavoidable impacts to wetlands. The Board of Managers felt that the estimated cost to restore the core drainage function (\$167,000) should be financed by agricultural and currently developed lands within the WMD and the future cost to modify the core system to serve municipal needs (\$778,000) should be financed by land that develops in the future.

Table 1 shows the cost of the various project features relative to benefit consistent with the guidance provided by the Board of Managers; i.e., the use of Ad Valorem funds to finance those features or portions of features with public benefit and the use of a water management charge to finance those features or portions of features benefitting lands located within the WMD. **Table 1** also shows the phases / time period for implementing the various project features. Charges associated with features to serve the future municipal needs (primarily re-routing ACD 15 and replacing the tile lines with storm sewer) are deferred until the time these features are actually constructed because land within those areas develops.

Determining the WMD Boundary

The ACD 15 / JD 4 - WMD includes properties within Anoka and Washington Counties. The latest parcel information was obtained from the respective counties. All properties within the hydrologic boundary to the Anoka County Ditch 15 / Judicial Ditch 4 public drainage system are included in the ACD 15 / JD 4 - WMD. This hydrologic boundary was established through the use of the ArcHydro subwatershed delineation tool as part of the District-Wide Model project for the RCWD (see **Figure 1**). When the hydrologic boundary crossed a parcel, that portion of the parcel within the hydrologic boundary was included in the WMD. The lands shown in **Figure 1** are those contributing runoff to the public drainage system.

Summary of Charge Determination

Each parcel within the ACD 15 / JD 4 – WMD was categorized by current land use (see **Figure 2**) consistent with the methods used by the Counties in their parcel classification system. Undeveloped (agricultural) lands were identified and categorized through aerial imagery and Figure 2-1 of the ACD 15 / JD 4 Repair Report. (Note: this map was previously reviewed by one of the local landowners involved in agricultural production for accuracy.) Developed parcels were classified through the USE1_DESC field in the most current Anoka County and Washington County parcel

Table 1
Project Phasing, Features and Relative Benefit

Phase / Project Feature	Project Timeline		Estimated Cost	Financing Mechanism / Proportion of Benefit			
	Perform in year	Paid for in year		Water Management District Charge			Ad Valorem Levy
				Core Function Undeveloped	Core Function Currently Developed	Municipal Future Developed and Redeveloped	
Phase 1	2010-2011	2011					
WMA Acquisition			\$246,940				
Wetland Banking Application (Eng. Only)			\$213,000	0%	0%	0%	100%
Construction Plans & Specifications (Eng. Only)			\$111,090	0%	0%	0%	100%
Total - Phase 1			\$571,030	0%	0%	0%	100%
				0%	0%	0%	100%
Phase 2	2011-2012	2013					
Construct Houle Wetland Restoration			\$519,672				
Right of Way Acquisition - Main Trunk Reroute			\$84,000	0%	0%	0%	100%
Main Trunk Construction			\$173,786	0%	0%	0%	100%
Branch 3 Construction			\$17,020	32%	64%	0%	4%
Total - Phase 2			\$794,478	0%	0%	0%	100%
				7%	14%	0%	79%
Phase 3	2012	2013					
Construction - Branch 4 Reroute			\$42,980				
Right of Way Acquisition - Branch 4 Reroute			\$98,000	0%	0%	0%	100%
Total - Phase 3			\$140,980	0%	0%	0%	100%
				0%	0%	0%	100%
Phase 4	At time of Development	At time of Development					
Construction - ACD 15 Reroute			\$14,795				
Right of Way Acquisition - ACD 15 Reroute			\$108,000	0%	0%	100%	0%
Total - Phase 4			\$122,795	0%	0%	100%	0%
				0%	0%	100%	0%
Phase 5	At time of Development	At time of Development	\$0				
Tile Replacement			\$665,310	0%	0%	0%	0%
Total - Phase 5			\$665,310	0%	0%	100%	0%
				0%	0%	100%	0%
PROJECT TOTAL COST			\$2,294,593				
				\$55,059	\$111,788⁽⁴⁾	\$788,105	\$1,339,641

Notes:

- Estimated value of potentially bankable wetlands in Houle WMA is \$569,800.
(23.11 acres total bankable credits, minus 12.75 acres impact mitigation, times \$55,000 value per credit)
- Estimated construction cost for wetland restoration on Johnston, Taylor, and Hair properties is \$722,710.
(Does not include land value).
- Approximate Engineering and Legal fees to date (not included in this estimate)
Engineering: \$155,000
Legal: \$13,889
- Cost can be spread out over multiple years dependent on financing method.
- "Undeveloped" includes cultivated and idle agricultural lands

databases and by overall parcel size. The classification of the current parcels was spot checked against the most recent aerial imagery and proved consistent with interpretation of the aerial imagery.

Those parcels likely to undergo development and redevelopment in the future were also identified and categorized, consistent with the City zoning classifications. Future development locations, consisting of all currently undeveloped parcels, were grouped by future land use as identified by the Metropolitan County year 2020 land use shapefile, which is largely consistent with local zoning. Redevelopment areas were identified by assigning a “Level of Development” (LOD) value to the current and future land uses of each developed parcel (see **Table 2**). Any parcel whose future LOD exceeded its current LOD was considered “redevelopable” (see **Figure 3**).

Table 2. Level of Development Categories.

Level of Development (LOD)	Corresponding Land Uses
4 (Fully Developed)	Commercial / Industrial; Right-of-Way; Urban Residential (<2 ac.); Park & Rec.
3 (Moderate)	Small Lot Rural Residential (2-10 acres)
2 (Low)	Large Lot Rural Residential (>10 acres); Open Space
1 (Undeveloped)	Agriculture

These LODs were used to identify those parcels that may redevelop in the future and will be subject to an additional charge at the time of development.

The method to determine the charge for each parcel generally consists of estimating an index of the runoff volume from each deeded parcel and right of way parcels. The amount of revenue needed for each benefit category is then allocated in proportion to the estimated runoff volume from a parcel compared to the total runoff volume from all parcels. In this case, the annual runoff volume (per acre) was assumed to be proportionate to the SCS curve number (CN) for each parcel. For higher CN values (> 60) the relationship between the amount of runoff and the CN is nearly linear. Because the moderately heavy soils and considerable impervious surface area found in the ACD 15 / JD 4 – WMD correlate to high CN values, using these values to approximate relative runoff values is valid.

Each current and future land use classification was assigned a CN value assuming a hydrologic soil group (HSG) of “C” for compacted lawn areas, and a HSG of “B” other soils (see **Tables 3 and 4**). This follows the RCWD convention of “bumping up” the HSG for soils which have been compacted during development. The validity of these CN values was verified by determining the area-weighted median parcel CN value for each land use calculated using SSURGO Soils and MLCCS land cover shapefiles.

Initial Charge – Undeveloped (Agricultural) Land Use

Per acre charges for the undeveloped lands (current agricultural land uses- cultivated agricultural and idle / pasure land) were calculated by multiplying the total cost for the agricultural benefit category (\$55,060 – see **Table 1**) by the ratio between the land use CN and the sum of area-weighted CN’s for all of the parcels. The agricultural land uses per-acre charges were rounded to the nearest \$1.00/acre and a minimum parcel total charge of \$25 established. **Table 3** lists the estimated per-acre charges for the undeveloped land uses.

Table 3. Estimated Initial Charge for Land Currently Undeveloped.

Land Use Code	Land Use Description	CN	Per-Acre Charge	Total Area of Land Use in WMD (ac)	Revenue Generated from Charge by Land Use*
1	Row Crop & Cultivated	78	\$26	1771	\$46,422
2	Hay and Pasture	67	\$23	368	\$8,858
Total				2,139	\$55,280

*Revenue generated from charge may be larger than the product of the land area and the per-acre charge, due to the \$25 minimum charge per parcel.

Initial Charge – Currently Developed Land Use

The per acre charge for the currently developed parcels was calculated by multiplying the currently developed benefit category total cost (\$111,788 – see **Table 1**) by the ratio between the dominant land use CN and the sum of area-weighted CN's for all of the currently developed parcels. All charges were rounded to the nearest \$5.00/acre and a minimum parcel charge of \$25 was established. **Table 4** lists the per-acre and per-parcel charge for the currently developed land uses.

Table 4. Estimated Initial Charge for Land Currently Developed (includes publicly-owned parcels)

Land Use Code	Land Use	CN	Charge Per Acre	Charge Per Parcel	Total Area of Land Use in WMD (ac)	Total Number of Parcels	Revenue Generated from Charge by Land Use*
3	Single Family Residential (< 2 ac.)	80	-	\$40	172	369	\$14,760
4	Residential (2 - 5 ac.)	65	-	\$160	132	43	\$6,880
5	Residential (5 - 10 ac.)	63	-	\$300	159	27	\$8,100
6	Residential (>10 ac.)	62	-	\$525	430	35	\$18,375
7	Commercial/Industrial	93	\$60	-	126	27	\$7,623
8	Public - Open Space	61	\$40	-	279	23	\$11,211
9	Public - Transportation	94	\$65	-	291	43	\$18,935
10	Public - Institutional	93	\$60	-	92	12	\$5,520
11	Golf Course	75	\$50	-	208	5	\$10,403
12	Multi-Family Residential (Attached)	90	-	\$25	79	468	\$11,700
13	Park and Recreation	80	\$55	-	38	1	\$2,082
Total					2,006	1053	\$115,589

*Revenue generated from charge may be larger than the product of the land area and the per-acre charge, due to the \$25 minimum charge per parcel.

Based upon the number of residential parcels, the estimated average charge per residential parcel is \$63. Please note that three categories of public land ownership (Public – Open Space; Public – Transportation; and Public – Institutional)

are included in this estimated charge, including parcels containing the Lamprey Pass and Houle WMA's (which are currently under agreement to be sold to the Rice Creek Watershed District). The publicly owned parcels account for approximately 31% of the currently developed portion of the initial charge (\$35,666). It is the Board of Manager's prerogative whether to assess this charge to these public entities. The board has several options in approaching this issue, including:

- 1) Apply a charge to all or one, two, or three of these public land use categories;
- 2) Do not charge any public entities, but instead use ad valorem funds to pay for the share of the project cost on these parcels; or
- 3) Do not charge any public entities, but instead, divide the project costs among the privately-owned parcels.

If option (3) is selected, the per-acre and per-parcel charges for the privately owned, currently-developed parcels must be increased by approximately 44% to generate enough revenue to finance the currently-developed portion of the initial charge. A summary of the per-acre and per-parcel charges for this option are included in **Table 5**.

Table 5. Estimated Initial Charge for Land Currently Developed (does not include publicly-owned parcels)

Land Use Code	Land Use	CN	Charge Per Acre	Charge Per Parcel	Total Area of Land Use in WMD (ac)	Area Charged in WMD (ac)	Revenue Generated from Charge by Land Use
3	Single Family Residential (< 2 ac.)	80	-	\$60	172	172	\$22,140
4	Residential (2 - 5 ac.)	65	-	\$230	132	132	\$9,890
5	Residential (5 - 10 ac.)	63	-	\$430	159	159	\$11,610
6	Residential (>10 ac.)	62	-	\$755	430	430	\$26,425
7	Commercial/Industrial	93	\$85	-	126	126	\$10,784
8	Public - Open Space	61	\$0	-	279	0	\$0
9	Public - Transportation	94	\$0	-	291	0	\$0
10	Public - Institutional	93	\$0	-	92	0	\$0
11	Golf Course	75	\$70	-	208	208	\$14,565
12	Multi-Family Residential (Attached)	90	-	\$30	79	79	\$14,040
13	Park and Recreation	80	\$80	-	38	38	\$3,028
Total					2,006	1,344	\$112,482

*Revenue generated from charge may be larger than the product of the land area and the per-acre charge, due to the \$25 minimum charge per parcel.

Future Charge – Newly Developed and Redeveloped Parcels

After calculation of the initial charge, the future developed and redevelopment charges were estimated. This charge is essentially for the deferred portion of the project cost (\$788,105 – see **Table 1**), which is that portion needed to construct the realignment of ACD 15 and the storm sewer trunk system on the branches at the time of development). This assumes that future drainage easement will be dedicated for land needed to convey the 1% chance flood, at no

cost to the District. Redevelopment charges were assumed to be the difference between the per-acre or per-parcel charge for the current land use and the per-acre or per-parcel charge for the future land use. Future development charges were developed to cover the remainder of the future developed charge allotment, and are proportional to the CN value for each land use category. **Table 6** lists the per-acre costs for the future developed land uses.

Table 6. Estimated Additional Future Charge at the Time of Development.

Land Use Code	Land Use	CN	Charge Per Acre	Charge Per Parcel	Total Developable Area (ac)	Est. # of Parcels	Estimated Revenue Generated from Charge, by Land Use
3	Single Family Residential (< 2 ac.) ¹	80	-	\$130	292	876	\$113,880
4	Residential - (2 - 5 ac.) ²	65	-	\$960	0	0	\$0
5	Residential - (5 - 10 ac.) ³	63	-	\$2,135	0	0	\$0
6	Residential - (>10 ac.) ⁴	62	-	\$3,700	1,175	98	\$362,600
7	Commercial/Industrial	93	\$455	-	530	N/A	\$241,150
8	Public Open Space	61	\$300	-	0	N/A	\$0
9	Transportation	94	\$460	-	3	N/A	\$1,380
10	Public-Institutional	93	\$455	-	17	N/A	\$7,735
11	Golf Course	75	\$365	-	13	N/A	\$4,745
12	Residential - Attached ⁵	90	-	\$73	0	0	\$0
13	Park and Recreation	80	\$390	-	109	N/A	\$42,510
<i>Potential Redevelopment of Already Developed Land</i>					199	N/A	\$22,692
Total					2,338	-	\$796,692

Notes:

1. Assumes 3 parcels per acre
2. Assumes 3 acres per lot
3. Assumes 7 acres per lot
4. Assumes 12 acres per lot
5. Assumes 6 parcels per acre

How the Charge Works

Each parcel within the ACD 15 / JD 4 - WMD will be initially charged per their current land use as shown on **Figure 2** using the per-acre or per-parcel charges from **Table 3** or **Table 4** (subject to a decision by the Board on whether / how to charge public parcels), at the time funds are needed to construct the primary features of the project. These features are all project components with the exception of the storm sewer improvements to the branches (and the portion of the features with environmental or ecological benefits). The total amount can be financed over a time period decided upon by the District (say 10 years). A listing of the parcels within the ACD 15 / JD 4 - WMD with their current land use and preliminary initial charge is tabulated in **Table 4** (which includes public lands) and **Table 5** (which excludes public lands).

When a currently “undeveloped” parcel becomes developed, the owner will incur a charge for the outstanding balance on its initial charge, plus a development charge from **Table 6** corresponding to its proposed land use change. Likewise, the owner of a currently developed parcel that redevelops will be required to pay the remaining balance from the initial charge, plus the difference between proposed and current land use per-acre (or per-parcel) charges as listed in **Tables 3 and 6**.

The following are examples of a “typical” charge:

Example 1: 40 acre agriculture parcel (row crop), converted to 0.3 acre (average) residential lots in the future.

Initial total charge = 40 ac. * \$26/ac = \$1,040.

When this parcel develops...

Development charge = 133 parcels * \$130/parcel = \$17,290.

Example 2: 12 acre rural residential parcel, converted to commercial/industrial lots in the future.

Initial total charge = 1 parcel @ \$525/parcel = \$525.










When this parcel develops...

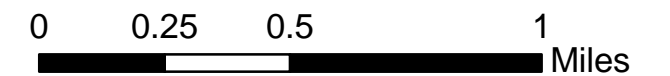
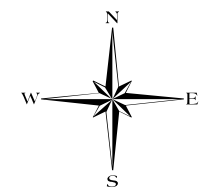
Development charge = 12 ac * \$455/ac - \$525 (credit for previous payment) = \$4,935.

Essentially the development charge reflects a “connection charge” at the time of development to upgrade the local stormsewer system and connect to the system. The future development charge assumes that the land needed to align the stormsewer along the branches and for the flood easements shown in the Repair Report, will be dedicated at no cost at the time of development.

These examples illustrate the total charge, which could be financed over a period of time.

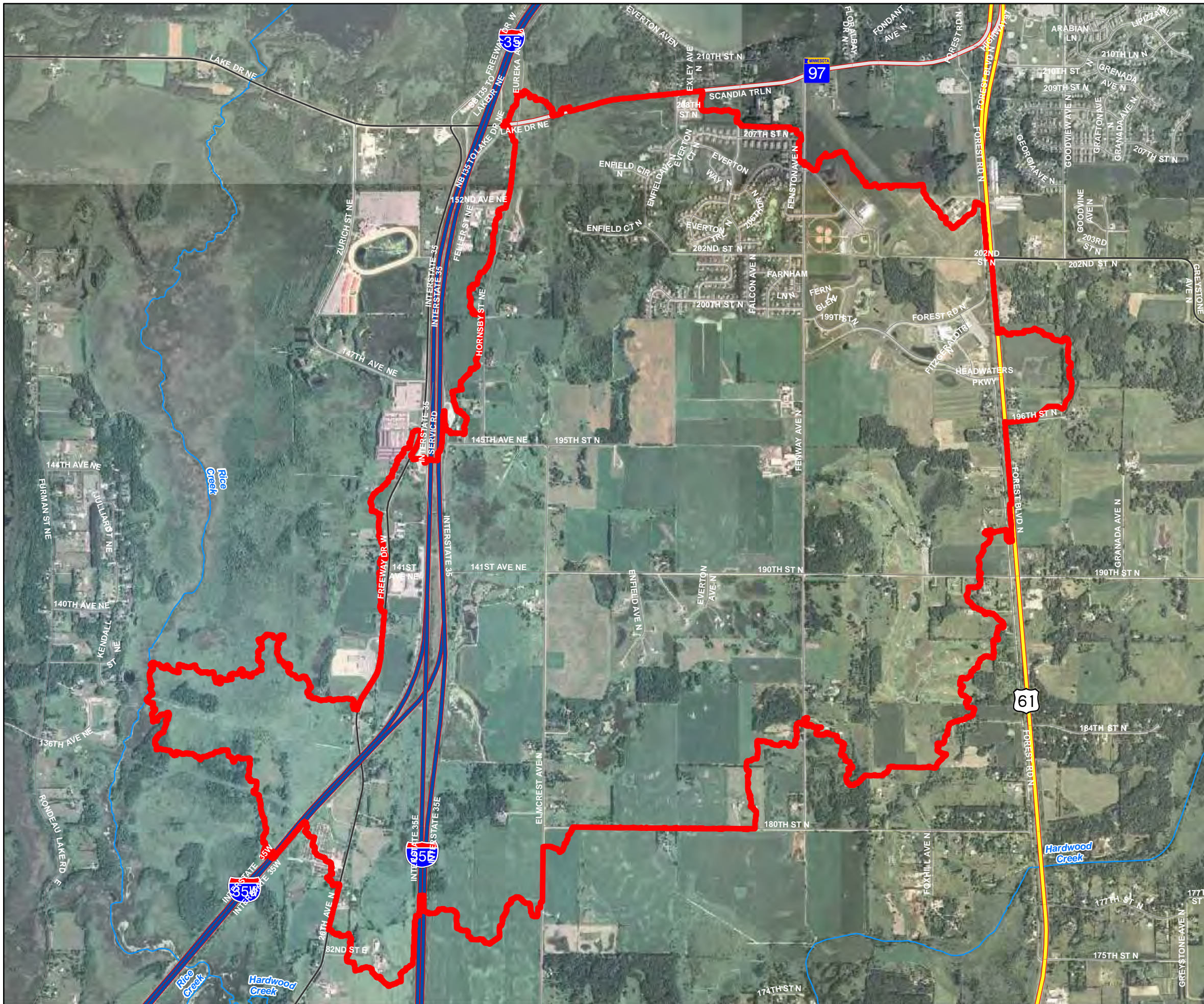
Rice Creek Watershed District ACD 15/ JD 4 WMD Boundary

-  JD4 Hydrologic Boundary
-  Interstate
-  Highway Connector
-  US Highway
-  State Highway
-  County Roads
-  Residential Streets
-  Ramps
-  Rivers



Sources: TLG, RCWD, MN DOT
Background: 2009 FSA Aerial Imagery

Figure 1 WMD Boundary					
Scale: AS SHOWN	Drawn by: SMW	Checked by:	Project No.: 5555-060.07	Date: 1/04/10	Sheet:
			Maple Grove P: 763.493.4522 F: 763.493.5572		

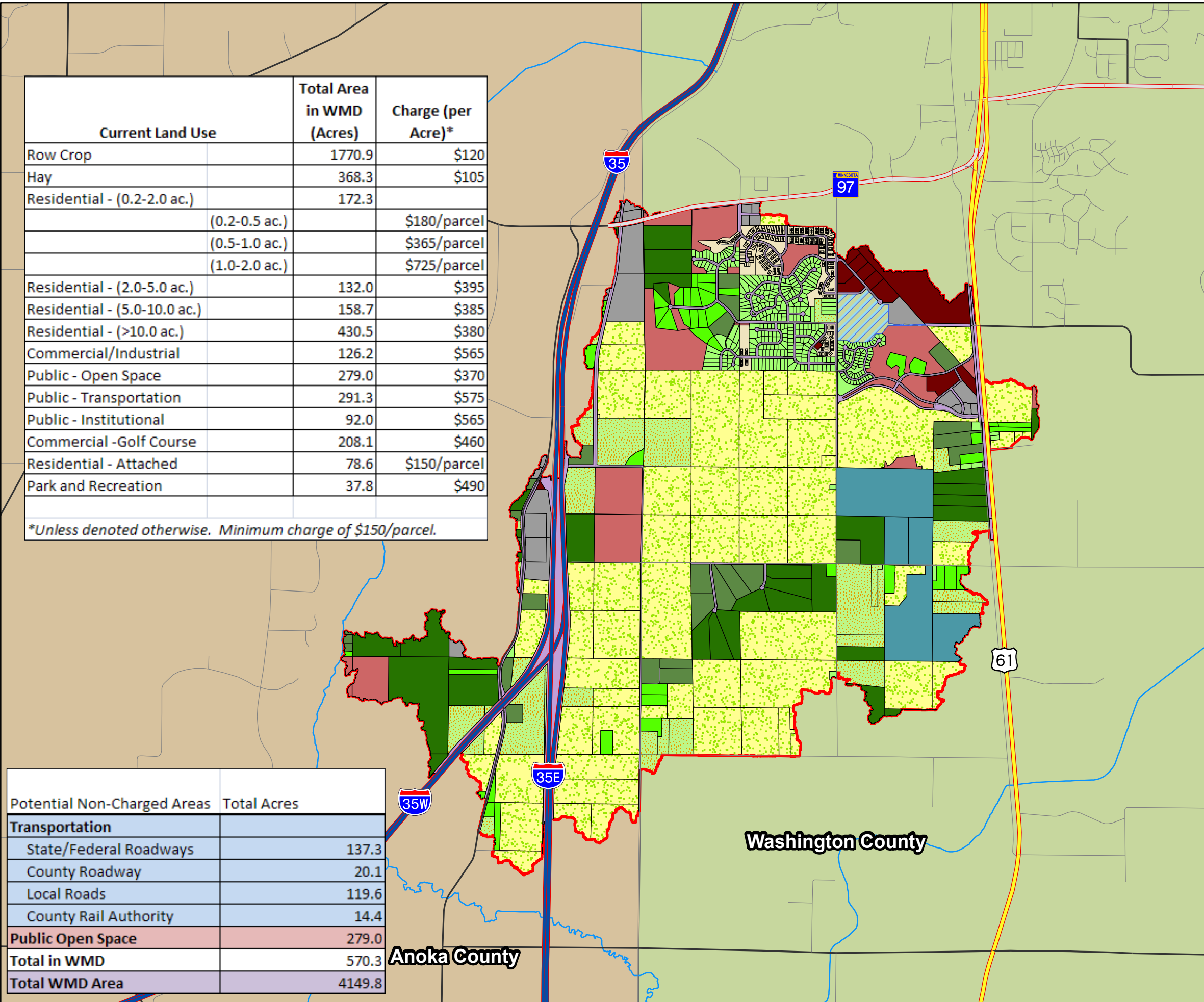


Rice Creek Watershed District ACD 15/ JD 4 Current Land Use Classes

Current Land Use	Total Area in WMD (Acres)	Charge (per Acre)*
Row Crop	1770.9	\$120
Hay	368.3	\$105
Residential - (0.2-2.0 ac.)	172.3	
(0.2-0.5 ac.)		\$180/parcel
(0.5-1.0 ac.)		\$365/parcel
(1.0-2.0 ac.)		\$725/parcel
Residential - (2.0-5.0 ac.)	132.0	\$395
Residential - (5.0-10.0 ac.)	158.7	\$385
Residential - (>10.0 ac.)	430.5	\$380
Commercial/Industrial	126.2	\$565
Public - Open Space	279.0	\$370
Public - Transportation	291.3	\$575
Public - Institutional	92.0	\$565
Commercial -Golf Course	208.1	\$460
Residential - Attached	78.6	\$150/parcel
Park and Recreation	37.8	\$490

*Unless denoted otherwise. Minimum charge of \$150/parcel.

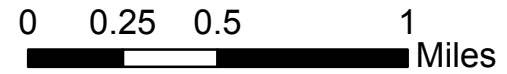
Potential Non-Charged Areas	Total Acres
Transportation	
State/Federal Roadways	137.3
County Roadway	20.1
Local Roads	119.6
County Rail Authority	14.4
Public Open Space	279.0
Total in WMD	570.3
Total WMD Area	4149.8



Undeveloped **Developed**

- Row Crop
- Hayland
- Park And Recreation
- Residential - Attached
- Urban Residential - (< 2 ac.)
- Rural Residential - (2-5 ac.)
- Rural Residential - (5-10 ac.)
- Rural Residential - (>10 ac.)
- Commercial - Golf Course
- Commercial/Industrial
- Public - Institutional
- Public - Open Space
- Public - Transportation
- JD4 Hydrologic Boundary
- Interstate
- Highway Connector
- US Highway
- State Highway
- County Roads
- Residential Streets
- Ramps
- Rivers

Note: Land use classification is based on the land use description field of the Metro GIS Regional Parcel Dataset.



Sources: TLG, RCWD, MN DOT

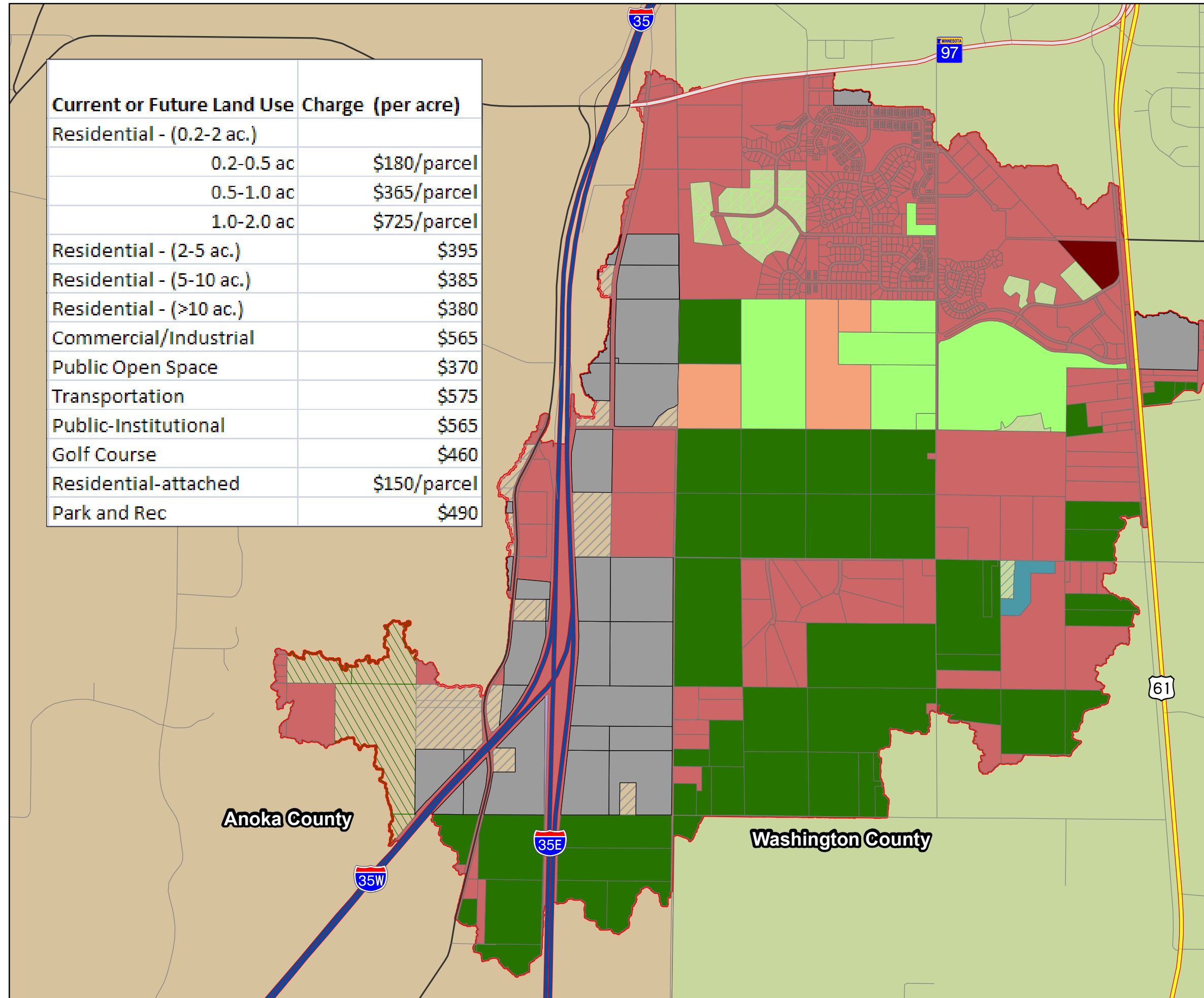
Figure 2 ACD15/JD 4 Current Land Use Classes Used for Charge Analysis

Scale: AS SHOWN	Drawn by: SMW	Checked by:	Project No.: 5555-060.07	Date: 6/15/10	Sheet:
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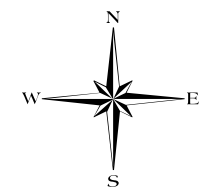
Houston Engineering Inc. Maple Grove
P: 763.493.4522
F: 763.493.5572

Rice Creek Watershed District ACD 15/ JD 4 Future Land Use Classes

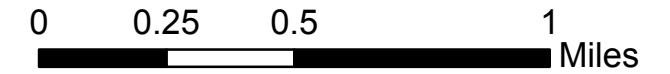
Current or Future Land Use	Charge (per acre)
Residential - (0.2-2 ac.)	
0.2-0.5 ac	\$180/parcel
0.5-1.0 ac	\$365/parcel
1.0-2.0 ac	\$725/parcel
Residential - (2-5 ac.)	\$395
Residential - (5-10 ac.)	\$385
Residential - (>10 ac.)	\$380
Commercial/Industrial	\$565
Public Open Space	\$370
Transportation	\$575
Public-Institutional	\$565
Golf Course	\$460
Residential-attached	\$150/parcel
Park and Rec	\$490



- Fully Developed**
 - Already Fully Developed
 - Not Developed**
 - Public - Institutional
 - Commerical - Golf Course
 - Park And Recreation
 - Urban Residential - (< 2 ac.)
 - Rural Residential - (>10 ac.)
 - Commerical/Industrial
 - Public - Transportation
 - Future Re-Development Areas**
 - Commerical - Golf Course
 - Urban Residential - (< 2 ac.)
 - Rural Residential - (>10 ac.)
 - Commerical/Industrial
 - Public - Transportation
- JD4 Hydrologic Boundary
 - Interstate
 - Highway Connector
 - US Highway
 - State Highway
 - County Roads
 - Residential Streets
 - Ramps
 - Rivers



Note: Land use classification is based on the land use description field of the Metro GIS Regional Parcel Dataset.



Sources: TLG, RCWD, MN DOT

Figure 3 ACD15/JD 4 Future Land Use Classes Used for Charge Analysis

Scale: AS SHOWN	Drawn by: SMW	Checked by:	Project No.: 5555-060.07	Date: 6/15/2010	Sheet:
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Maple Grove

P: 763.493.4522
F: 763.493.5572

RESOLUTION NO. 2010-17

**RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**ACCEPTING THE PRLIMINARY CHARGE ANALYSIS FOR THE REPAIR OF
ANOKA-WASHINGTON JUDICIAL DITCH 4/ANOKA COUNTY DITCH 15,
ADOPTING A COST ALLOCATION AND DIRECTING FURTHER REPAIR
PROCEEDINGS**

Manager _____ offered the following Resolution and moved its adoption, seconded by Manager _____:

WHEREAS on March 8, 2006, the Rice Creek Watershed District Board of Managers (“Board”) adopted Resolution 2006-04 accepting a petition to examine the repair of Anoka-Washington Judicial Ditch (AWJD) 4/Anoka County Ditch (ACD) 15 and directing the District Engineer to prepare a repair report for filing with the Board;

WHEREAS on October 28, 2009, the Board adopted Resolution 2009-31 accepting a supplemented engineer’s report for the repair of AWJD 4 and ACD 15, concurred in the engineer’s recommended repair Alternative 9, and directed other actions, including that its staff prepare an analysis of cost allocation and charges based upon implementation of recommended repair Alternative 9;

WHEREAS the engineer’s recommended repair Alternative 9 involves the restoration and creation of various public and private beneficial functions, as well as a process to accommodate future development demands in a manner consistent with the District’s Watershed Management Plan and a Resource Management Plan and rule developed for the sub-watershed of AWJD 4 and ACD 15. These functions include 1) restoration of the core, agricultural drainage function of the systems; 2) restoration, protection and improvement of ecological and environmental functions within the systems; and 3) future modification of the systems to serve municipal stormwater management needs;

WHEREAS over the past several months the District’s staff and consultants have worked with the Board to develop preliminary opinions of probable construction cost for each functional component of the repair alternative. The preliminary opinion of probable construct cost for alternative 9 is contained in the June 16, 2010, preliminary charge analysis memorandum from the engineer. The memorandum is incorporated into these findings by reference and is attached as Enclosure 1 to this resolution.

WHEREAS also contained in the preliminary charge analysis memorandum is a recommended allocation of costs between water management charges and ad valorem taxes. This recommended allocation has been developed in consultation with the Board and takes into consideration past legal authorizations and policies of the District related to drainage system maintenance; current policies as articulated in the District’s Watershed Management Plan; district-wide benefits of the ecological and floodplain management components of the repair alternative; and direct, localized benefit of restoring core drainage function and accommodating future stormwater demands;

WHEREAS the Board finds, with the concurrence of the Cities of Columbus and Forest Lake given on June 24 and September 28, 2009, respectively, that the repair of AWJD 4 and ACD 15 should proceed pursuant to the District’s authority under statutes section 103B.231, and

additional alternative authorities as provided in statutes section 103D.621, subd. 4, in order to provide consistent management of the drainage systems, comprehensive wetland management, and appropriate administration of resource management;

Therefore, the RCWD Board of Managers makes the following:

ORDER

- A. The Board of Managers accepts the preliminary charge analysis contained in the engineer’s memorandum and further adopts the allocations of cost for the recommended repair Alternative 9.
- B. The Board of Managers further directs that the proceedings for the repair of AWJD 4 and ACD 15 continue under the authority of statutes section 103B.231 and additional alternative authorities as provided in statutes section 103D.621, subd. 4.
- C. The allocations of cost adopted herein shall apply to the construction of all components of the recommended repair alternative for AWJD 4 and ACD 15.
- D. The Board of Managers directs and sets the following dates, times and location for continued proceedings for the drainage system repairs:
 - a. Public Informational Meeting: _____
 - b. Final Hearing: _____

The question was on the adoption of the Resolution and there were __ yeas and __ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
WALLER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAAKE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OGATA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MASTELL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the Chair declared the Resolution _____.

Harley Ogata, Secretary

Dated: June 23, 2010

* * * * *

I, Harley Ogata, Secretary of the Rice Creek Watershed District, do hereby certify that I have compared the above resolution with the original thereof as the same appears of record and on file with the District and find the same to be a true and correct transcript thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand this 23rd day of June, 2010.

Harley Ogata, Secretary

ITEMS REQUIRING BOARD ACTION

3. Consider Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4 Repair Report – set dates, location and times for landowner information meeting and public hearing.

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers **Date:** June 16, 2010
From: Doug Thomas
Subject: ACD15/JD4 Repair Report – Setting dates for landowner informational meeting and public hearing

Background / Discussion

On October 14, 2009 the Board adopted by resolution the ACD15/JD4 repair report (dated 1/15/2009) and an addendum to the repair report (dated 9/2009). In summary the order stated:

- A. The Board of Managers accepts the supplemented engineer's report for the repair of AWJD 4/ ACD 15 and concurs with the engineer's recommended repair Alternative 9.
- B. The Board of Managers further directs its staff to negotiate the details of a conveyance of the Houle WMA and portions of the Lamprey Pass WMA from the DNR to be presented to and approved by the Board prior to ordering the recommended repairs.
- C. Upon successful negotiation of an agreement for the purchase of DNR lands the Board of Managers directs its administrator to notice acceptance of the repair report and to open a 30-day period for review and comment.
- D. The Board of Managers further directs its staff to prepare an analysis of cost allocation and charges based upon implementation of recommended repair Alternative 9.
- E. Upon closure of the review and comment period, completion of the cost allocation and charge analysis and successful negotiation of the above conveyances, the Board shall set a date and location for final hearing on the repair report.

At this point in time we are at item E. which is to set dates, times and locations for the final landowner information meeting and public hearing.

Proposed dates for the landowner informational meeting are:

Monday, July 26th at 6:00 pm at Forest Lake City Hall
Wednesday, July 28th at 6:00 pm at Forest Lake City Hall

Proposed dates for the public hearing are:

Monday, August 9th at 6:00pm at Forest Lake City Hall
Monday, August 16th at 6:00 pm at Forest Lake City Hall

Staff is looking to the Board of Managers to select dates from the list above and incorporate them into the attached resolution.

Attachments: Draft Resolution

ITEMS REQUIRING BOARD ACTION

4. Consider Check Register dated 6/23/2010, in the amount of \$239,524.90 prepared by HLB Tautges Redpath.

Rice Creek Watershed District
Check Register
June 10, 2010 - June 23, 2010
To Be Approved at June 23, 2010 Board Meeting

Check #	Date	Payee	Description	Amount
16855	06/09/10	Postmaster	Postage	\$251.36
16856	06/23/10	ABC Newspapers	Publications	38.00
16857	06/23/10	Assurant Employee Benefits	Employee Benefits	481.38
16858	06/23/10	Kyle Axtell	Employee Reimbursement	107.00
16859	06/23/10	David Bauer	Employee Reimbursement	29.32
16860	06/23/10	B.V.F., Inc.	Contracted Services	6,515.00
16861	06/23/10	City of Shoreview	Public Information & Education	100.00
16862	06/23/10	Dawn V. Pape	Employee Reimbursement	282.00
16863	06/23/10	Jan DeLue	Construction-BMP Costshare	896.32
16864	06/23/10	Doherty Staffing Solutions	Professional Services	1,098.37
16865	06/23/10	Dynamex	Postage	132.62
16866	06/23/10	ECM Publishers, Inc.	Legal Notices	67.38
16867	06/23/10	Eichi, Inc.	Permit Refund	2,000.00
16868	06/23/10	Emmons & Olivier Resources	May, 2010 Engineering	1,142.50
16869	06/23/10	Forestry Suppliers, Inc.	Supplies-Field	77.44
16870	06/23/10	Friends of the Mississippi	Contracted Services	7,000.00
16871	06/23/10	HealthPartners	Employee Benefits	5,947.98
16872	06/23/10	HLB Tautges Redpath, Ltd	May, 2010 Accounting	2,364.13
16873	06/23/10	Holiday Credit	Vehicle Expense	560.29
16874	06/23/10	Home Depot	Supplies-Field	75.49
16875	06/23/10	Houston Engineering, Inc.	May, 2010 Engineering	113,678.36
16876	06/23/10	Integra Telecom, Inc.	Telecommunications	99.96
16877	06/23/10	Integra Telecom, Inc.	Telecommunications	465.36
16878	06/23/10	Larry Johnson	Professional Services	575.00
16879	06/23/10	Matthew J. Kocian	Employee Reimbursement	119.05
16880	06/23/10	Living Water Tree Services	Contracted Services	160.69
16881	06/23/10	Rebecca Lofgren	Professional Services	51.00
16882	06/23/10	Rick Mastell	Manager Per Diem/Expense	231.49
16883	06/23/10	MASWCD	Manager Expense/Training & Education	70.00
16884	06/23/10	MEPT Blaine, LLC	July, 2010 Rent	7,758.07
16885	06/23/10	Minnesota Department of Health	Repairs & Maintenance	100.00
16886	06/23/10	Elizabeth Muller	Employee Reimbursement	66.50
16887	06/23/10	Office Depot	Office Supplies	497.91
16888	06/23/10	Office Equipment Finance Services	Equipment Lease	413.96
16889	06/23/10	PostNet-Blaine Village	Printing	10.99
16890	06/23/10	Premium Waters, Inc.	Office Supplies	39.15
16891	06/23/10	Press Publications	Legal Notices	21.60
16892	06/23/10	Patricia Preiner	Manager Per Diem/Expense	367.05
16893	06/23/10	Print Central	Printing	667.87
16894	06/23/10	Kristi Achor Purseu	Professional Services	548.64
16895	06/23/10	Rinke Noonan	Legal Fees	3,646.50
16896	06/23/10	Scandia Trucking & Excavating	Rondeau-Final/Contracted Services	14,011.00
16897	06/23/10	Thomas E. Schmidt	Employee Reimbursement	55.09
16898	06/23/10	Carol Mason Sherrill	Professional Services	1,495.00
16899	06/23/10	Smith Partners	May, 2010 Legal Fees	10,424.96
16900	06/23/10	Solbrekk	Computer Software	50.00
16901	06/23/10	Pioneer Press	Legal Notices	644.96

Rice Creek Watershed District
Check Register
June 10, 2010 - June 23, 2010
To Be Approved at June 23, 2010 Board Meeting

Check #	Date	Payee	Description	Amount
16902	06/23/10	Matthew T. Summers	Intern Wages/Employee Reimbursement	1,035.86
16903	06/23/10	Theresa M. Stasica	Employee Reimbursement	46.55
16904	06/23/10	Douglas J. Thomas	Employee Reimbursement	95.94
16905	06/23/10	Timesavers, Inc.	Professional Services	252.50
16906	06/23/10	Nicholas A. Tomczik	Employee Reimbursement	80.50
16907	06/23/10	University of Minnesota	Training & Education	225.00
16908	06/23/10	United Parcel Service	Postage	54.03
16909	06/23/10	Verizon Wireless	Cell Phone Expense	727.44
16910	06/23/10	Hallie Wunsch	Professional Services	230.00
10511	06/23/10	Encomm Midwest, Inc.	Surety Release - #07-075	2,500.00
10512	06/23/10	Fore Mechanical, Inc.	Surety Release - #06-004	1,500.00
10513	06/23/10	Greenfield Estates	Surety Release - #09-054	1,500.00
10514	06/23/10	HTG Architects	Surety Release - #06-011	2,500.00
10515	06/23/10	Lakeland Construction Finance, LLC	Surety Release - #07-035	1,500.00
10516	06/23/10	Meritex Enterprises, Inc.	Surety Release - #09-039	7,000.00
10517	06/23/10	United Properties, LLC	Surety Release - #06-122	2,500.00
10518	06/23/10	Spartacus Ventures, LLC	Surety Release - #09-012	2,500.00
10519	06/23/10	Torgerson Properties	Surety Release - #07-103	2,500.00
10520	06/23/10	Dori Vaughn	Surety Release - #04-144	2,500.00
Dir.Dep.	06/30/10	Kyle J. Axtell	06/30 Payroll	1,219.90
Dir.Dep.	06/30/10	David W. Bauer	06/30 Payroll	1,401.45
Dir.Dep.	06/30/10	Dawn V. Pape	06/30 Payroll	766.60
Dir.Dep.	06/30/10	Matthew J. Kocian	06/30 Payroll	1,489.21
Dir.Dep.	06/30/10	Elizabeth Muller	06/30 Payroll	1,474.18
Dir.Dep.	06/30/10	Thomas Schmidt	06/30 Payroll	1,783.50
Dir.Dep.	06/30/10	Theresa M. Stasica	06/30 Payroll	1,733.74
Dir.Dep.	06/30/10	Douglas J. Thomas	06/30 Payroll	2,142.71
Dir.Dep.	06/30/10	Nicholas A. Tomczik	06/30 Payroll	2,065.46
EFT	06/23/10	Card Services - Anchor Bank	June, 2010 Credit Card	1,265.11
EFT	06/23/10	Internal Revenue Service	06/23 Federal Withholding	222.48
EFT	06/30/10	Internal Revenue Service	06/30 Federal Withholding	4,704.24
EFT	06/30/10	Minnesota Dept. of Revenue	06/30 State Withholding	822.20
EFT	06/30/10	ING Retirement Services	06/30 Deferred Compensation	621.00
EFT	06/30/10	ING Retirement Services	06/30 Health Care Savings Plan	451.74
EFT	06/30/10	PERA	06/30 PERA	2,676.82
Total				<u>\$239,524.90</u>

Rice Creek Watershed District Budget Status Report
 Administrative & Program Budget
 Fiscal Year 2010
 06/30/10

Combined General & Administrative	Budget Item	Account Number	Original Budget	Budget Adjustment	Current Month Expenses	Year-to-Date Expenses	Current Budget Balance	Percent of Budget
Manager	Per diems	4000	\$15,000.00	-	\$525.00	\$6,573.76	\$8,426.24	43.83%
	Manager expenses	4010	4,000.00	-	148.70	1,368.60	2,631.40	34.22%
Committees	Committee/Bd Mtg. Exp.	4800	0.00	-	-	-	-	0.00%
Employees	Staff salary/taxes/benefits	4100-4140	135,460.00	-	11,341.36	68,659.45	66,800.55	50.69%
	District training & education	4265	1,575.00	-	130.00	805.00	770.00	51.11%
	Employee expenses	4320-4321	1,050.00	-	128.59	1,182.09	(132.09)	112.58%
Administration/ Office	Office/Meeting/Software	4200-4205	2,930.00	-	164.48	1,173.98	1,756.02	40.07%
	Printing	4208	630.00	-	469.67	496.72	133.28	78.84%
	Rent/Office	4210	21,315.00	-	1,736.26	10,470.57	10,844.43	49.12%
	Telecommunications	4240	2,625.00	-	312.11	1,282.19	1,342.81	48.85%
	Dues	4245	6,000.00	-	-	3,640.00	2,360.00	60.67%
	Publications	4250	210.00	-	38.00	118.00	92.00	56.19%
	Insurance	4270	6,300.00	-	-	3,216.68	3,083.32	51.06%
	Public Information & Education	4275	0.00	-	100.00	600.00	(600.00)	0.00%
	Postage	4280	1,575.00	-	68.61	106.34	1,468.66	6.75%
	Legal Notices	4290	2,000.00	-	-	1,344.30	655.70	67.22%
	Vehicle Expense	4322	0.00	-	-	0.00	-	0.00%
	Recruitment	4340	210.00	-	-	0.00	210.00	0.00%
	Office Equipment/Lease	4635	5,020.00	-	317.73	843.53	4,176.47	16.80%
	Repairs & Maintenance	4650	210.00	-	-	0.00	210.00	0.00%
	Bank Charges	4910	700.00	-	-	656.86	43.14	93.84%
	Sub-Total-Administration:		206,810.00	-	15,480.51	102,538.07	104,271.93	49.58%
Consultants	Auditor/Accounting	4330	45,000.00	-	2,364.13	31,012.15	13,987.85	68.92%
	Legal	4410	22,500.00	-	1,689.00	9,661.49	12,838.51	42.94%
	Consultants/Professional Serv.	4420	17,000.00	-	1,350.87	7,459.32	9,540.68	43.88%
	Engineering-General	4500	39,000.00	-	3,250.00	16,250.00	22,750.00	41.67%
	Sub-Total-Consultants:		123,500.00	-	8,654.00	64,382.96	59,117.04	52.13%
TOTAL			\$330,310.00	-	\$24,134.51	\$166,921.03	\$163,388.97	50.53%

Rice Creek Watershed District Budget Status Report
Administrative & Program Budget
Fiscal Year 2010
06/30/10

Revenue/Expenditures By Project	2010 Budget	2010 Year to date Revenue	2010 Current Month Expense	2010 Year to date Expense	Current Budget Balance	Percent of Budget
10 - General and Administrative	\$330,310.00	\$153,898.29	\$24,134.51	\$166,921.03	\$163,388.97	50.53%
30 - Environmental Education	149,324.00	78,903.74	7,583.04	50,446.05	98,877.95	33.78%
35 - Information Management	56,448.00	27,693.08	2,263.16	18,671.27	37,776.73	33.08%
40 - Research	-	-	-	0.00	-	0.00%
60 - Restoration Projects	681,218.00	334,199.51	58,947.17	333,940.51	347,277.49	49.02%
70 - Regulatory	693,826.00	351,669.79	68,434.06	374,726.52	319,099.48	54.01%
80 - Ditch & Creek Maintenance	430,994.00	211,441.90	46,325.68	224,601.06	206,392.94	52.11%
90 - Lake & Stream Management	960,638.00	498,830.80	23,720.34	158,468.68	802,169.32	16.50%
95 - District Facilities	240,000.00	117,741.16	4,178.25	16,402.25	223,597.75	6.83%
Total District Revenue/Expenditures	\$3,542,758.00	\$1,774,378.27	\$235,586.21	\$1,344,177.37	\$2,198,580.63	37.94%

Current Fund Balances:

Fund:	Beginning Fund Balance @ 12/31/09	2010 Year to date Revenue	2010 Current Month Expense	2010 Year to date Expense	Fund Balance @ 06/30/10
10 - General Fund	\$215,621.22	\$153,898.29	\$24,134.51	\$166,921.03	\$202,598.48
30 - Environmental Education	121,730.64	78,903.74	7,583.04	50,446.05	150,188.33
35 - Information Management	9,641.47	27,693.08	2,263.16	18,671.27	18,663.28
40 - Research	56,492.69	-	-	-	56,492.69
60 - Restoration Projects	934,171.95	334,199.51	58,947.17	333,940.51	934,430.95
70 - Regulatory	26,109.66	351,669.79	68,434.06	374,726.52	3,052.93
80 - Ditch & Creek Maintenance	87,373.29	211,441.90	46,325.68	224,601.06	74,214.13
90 - Lake & Stream Management	1,251,688.77	498,830.80	23,720.34	158,468.68	1,592,050.89
95 - District Facilities	120,787.03	117,741.16	4,178.25	16,402.25	222,125.94
Total District Fund Balance:	\$2,823,616.72	\$1,774,378.27	\$235,586.21	\$1,344,177.37	\$3,253,817.62

Rice Creek Watershed District
Statement of Revenue and Expenditures - General Fund - 10
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>GENERAL FUND</u>				
Revenues				
General Property Tax	\$ 25,453.58	\$ 152,721.48	305,443.00	(152,721.52)
Interest Revenue	0.00	284.61	6,785.00	(6,500.39)
Investment Interest-Surety	0.00	848.01	17,882.00	(17,033.99)
Interest - Peltier	0.00	0.31	0.00	0.31
Miscellaneous Revenue	0.00	43.88	200.00	(156.12)
Total Revenues	25,453.58	153,898.29	330,310.00	(176,411.71)
Expenses				
Manager Per Diem	525.00	6,573.76	15,000.00	(8,426.24)
Manager Expense	35.00	360.00	2,000.00	(1,640.00)
Manager Travel	113.70	1,008.60	2,000.00	(991.40)
Wages-General	8,354.50	50,127.04	100,819.00	(50,691.96)
Benefits	1,293.80	7,090.71	12,383.00	(5,292.29)
PERA Expense	584.78	3,508.64	6,805.00	(3,296.36)
HSA Contributions	451.74	2,710.44	5,740.00	(3,029.56)
Payroll Taxes	656.54	4,342.62	7,713.00	(3,370.38)
Payroll Taxes-Unemployment	0.00	880.00	2,000.00	(1,120.00)
Office Supplies	125.33	962.51	1,680.00	(717.49)
Supplies-Field	0.00	0.00	250.00	(250.00)
Meeting Supplies/Expense	39.15	211.47	1,000.00	(788.53)
Printing	469.67	496.72	630.00	(133.28)
Rent	1,736.26	10,470.57	21,315.00	(10,844.43)
Telecommunications	312.11	1,282.19	2,625.00	(1,342.81)
Dues	0.00	3,640.00	6,000.00	(2,360.00)
Publications	38.00	118.00	210.00	(92.00)
Training & Education	130.00	805.00	1,575.00	(770.00)
Insurance & Bonds	0.00	3,216.68	6,300.00	(3,083.32)
Public Information & Education	100.00	600.00	0.00	600.00
Postage	68.61	106.34	1,575.00	(1,468.66)
Legal Notices-General	0.00	1,344.30	2,000.00	(655.70)
Staff Travel	128.59	1,182.09	1,050.00	132.09
Audit & Accounting	2,364.13	31,012.15	45,000.00	(13,987.85)
Professional Services-General	1,350.87	7,459.32	17,000.00	(9,540.68)
Recruitment	0.00	0.00	210.00	(210.00)
Legal Fees-General	1,689.00	9,661.49	22,500.00	(12,838.51)
Engineering-General	3,250.00	16,250.00	39,000.00	(22,750.00)
Equipment-General	225.09	225.09	2,500.00	(2,274.91)
Equipment Lease	92.64	618.44	2,520.00	(1,901.56)
Repairs & Maintenance-General	0.00	0.00	210.00	(210.00)
Bank Charges	0.00	656.86	700.00	(43.14)
Total Expenses	24,134.51	166,921.03	330,310.00	(163,388.97)
Total Revenues Over/(Under) Expenditures - General Fund	1,319.07	(13,022.74)	0.00	(13,022.74)
Total Revenue Over/(Under) Expenditure	\$ 1,319.07	(13,022.74)	0.00	(13,022.74)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Environmental Education - 30
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>ENVIRONMENTAL EDUCATION MANAGEMENT - 30-00</u>				
Revenues				
General Property Tax	\$ 5,283.92	\$ 31,703.52	63,407.00	(31,703.48)
Interest Income	0.00	128.65	3,067.00	(2,938.35)
Total Revenues	5,283.92	31,832.17	66,474.00	(34,641.83)
Expenses				
Wages-Environmental	2,311.20	13,867.09	28,205.00	(14,337.91)
Benefits-Environmental	648.92	3,611.52	507.00	3,104.52
PERA-Environmental	161.78	970.66	1,904.00	(933.34)
Payroll Taxes-Environmental	176.40	1,058.50	2,158.00	(1,099.50)
Office Supplies	46.75	302.98	720.00	(417.02)
Supplies-Field	0.00	0.00	100.00	(100.00)
Printing	0.00	0.00	270.00	(270.00)
Rent	728.48	4,381.56	9,135.00	(4,753.44)
Telecommunications	53.09	316.68	1,125.00	(808.32)
Publications	0.00	0.00	90.00	(90.00)
Training & Education	0.00	25.00	675.00	(650.00)
Insurance and Bonds	0.00	1,349.63	2,700.00	(1,350.37)
Postage	0.00	0.00	675.00	(675.00)
Staff Travel	0.00	15.50	450.00	(434.50)
Recruitment	0.00	0.00	90.00	(90.00)
Legal Fees	0.00	0.00	500.00	(500.00)
Engineering-Environ.	0.00	0.00	15,000.00	(15,000.00)
Equipment-Environmental	94.44	624.70	1,000.00	(375.30)
Equipment-Lease	38.87	259.49	1,080.00	(820.51)
Repairs & Maintenance	0.00	0.00	90.00	(90.00)
Total Expenses	4,259.93	26,783.31	66,474.00	(39,690.69)
Total Revenues Over/(Under)				
Expenditures - Environmental Education	1,023.99	5,048.86	0.00	5,048.86
<u>RESOURCE TEACHERS - 30-01</u>				
Revenues				
General Property Tax	3,295.83	19,775.08	39,550.00	(19,774.92)
Total Revenues	3,295.83	19,775.08	39,550.00	(19,774.92)
Expenses				
Office Supplies	31.14	67.77	0.00	67.77
Rent-Storage	0.00	0.00	540.00	(540.00)
Telecommunicatinos	65.98	65.98	0.00	65.98
Staff Travel	13.00	100.50	0.00	100.50
Professional Services	2,868.50	7,475.00	32,010.00	(24,535.00)
Contracted Services	0.00	0.00	2,000.00	(2,000.00)
Engineering	0.00	1,041.00	5,000.00	(3,959.00)
Total expenses	2,978.62	8,750.25	39,550.00	(30,799.75)
Total Revenues Over/(Under)				
Expenditures - Resource Teachers	317.21	11,024.83	0.00	11,024.83

Rice Creek Watershed District
Statement of Revenue and Expenditures - Environmental Education - 30
For the One Month and Six Months Ending June 30, 2010
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>WATER EDUCATION & OUTREACH - 30-02</u>				
Revenues				
General Property Tax	1,666.67	10,000.02	20,000.00	(9,999.98)
Total Revenues	1,666.67	10,000.02	20,000.00	(9,999.98)
Expenses				
Supplies-Field	75.49	75.49	0.00	75.49
Meeting Supplies/Expense	0.00	43.09	0.00	43.09
Supplies-Promotional	0.00	239.40	0.00	239.40
Training & Education	0.00	5,000.00	7,300.00	(2,300.00)
Postage	0.00	20.00	0.00	20.00
Staff Travel	26.00	62.00	0.00	62.00
Contracted Services	0.00	500.00	12,700.00	(12,200.00)
Total expenses	101.49	5,939.98	20,000.00	(14,060.02)
Total Revenues Over/(Under)				
Expenditures - Water Educ. & Outreach	1,565.18	4,060.04	0.00	4,060.04
<u>BLUE THUMB - 30-03</u>				
Revenues				
General Property Tax	1,941.67	12,150.02	23,300.00	(11,149.98)
Income-Blue Thumb Media	0.00	1,546.45	0.00	1,546.45
Income-Blue Thumb Membership	0.00	2,200.00	0.00	2,200.00
Income-Blue Thumb Training	0.00	1,400.00	0.00	1,400.00
Total Revenues	1,941.67	17,296.47	23,300.00	(6,003.53)
Expenses				
Office Supplies	0.00	3,286.06	3,500.00	(213.94)
Printing	0.00	814.88	0.00	814.88
Training & Education	0.00	3,486.57	5,000.00	(1,513.43)
Public Education & Information	0.00	50.00	0.00	50.00
Advertising	0.00	411.00	10,000.00	(9,589.00)
Staff Travel	243.00	277.00	0.00	277.00
Engineering	0.00	647.00	4,800.00	(4,153.00)
Total expenses	243.00	8,972.51	23,300.00	(14,327.49)
Total Revenues Over/(Under)				
Expenditures - Blue Thumb	1,698.67	8,323.96	0.00	8,323.96
Total Revenue Over/(Under) Expenditure	\$ 4,605.05	\$ 28,457.69	0.00	28,457.69

Rice Creek Watershed District
Statement of Revenue and Expenditures - Information & Technology Management - 35
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>INFORMATION MANAGEMENT - 35-00</u>				
Revenues				
General Property Tax	\$ 4,374.08	\$ 26,244.48	52,489.00	(26,244.52)
Interest Revenue	0.00	48.62	1,159.00	(1,110.38)
	4,374.08	26,293.10	53,648.00	(27,354.90)
Expenses				
Wages-Information Mgmt.	821.60	4,999.26	9,878.00	(4,878.74)
Benefits-Information Mgmt.	65.00	354.26	1,247.00	(892.74)
PERA-Information Mgmt.	57.52	349.96	667.00	(317.04)
Payroll Taxes-Information Mgmt	61.16	372.29	756.00	(383.71)
Office Supplies	5.93	38.39	80.00	(41.61)
Computer Software	50.00	1,499.94	4,500.00	(3,000.06)
Printing	0.00	0.00	30.00	(30.00)
Rent	92.32	555.28	1,015.00	(459.72)
Telecommunications	6.73	40.15	125.00	(84.85)
Publications	0.00	0.00	10.00	(10.00)
Training & Education	0.00	0.00	75.00	(75.00)
Insurance and Bonds	0.00	171.04	300.00	(128.96)
Postage	0.00	0.00	75.00	(75.00)
Staff Travel	0.00	0.00	50.00	(50.00)
Professional Services	0.00	6,458.95	13,200.00	(6,741.05)
Recruitment	0.00	0.00	10.00	(10.00)
Legal Fees	0.00	0.00	500.00	(500.00)
Engineering	0.00	1,868.75	7,000.00	(5,131.25)
Equipment-Computer	0.00	182.12	14,000.00	(13,817.88)
Equipment-Information	11.97	11.97	0.00	11.97
Equipment Lease	4.93	32.91	120.00	(87.09)
Repairs & Maintenance	0.00	0.00	10.00	(10.00)
	1,177.16	16,935.27	53,648.00	(36,712.73)
Total Revenues Over/(Under)				
Expenditures - Information Management	3,196.92	9,357.83	0.00	9,357.83
<u>PERMITTING MAPPER APPLICATION HOSTING - 35-05</u>				
Revenues				
General Property Tax	233.33	1,399.98	2,800.00	(1,400.02)
	233.33	1,399.98	2,800.00	(1,400.02)
Expenses				
Computer Software	0.00	250.00	0.00	250.00
Engineering	1,086.00	1,486.00	2,800.00	(1,314.00)
	1,086.00	1,736.00	2,800.00	(1,064.00)
Total Revenues Over/(Under)				
Expenditures - Permitting Mapper	(852.67)	(336.02)	0.00	(336.02)
Total Revenue Over/(Under) Expenditure	\$ 2,344.25	\$ 9,021.81	0.00	9,021.81

For Management Purposes Only

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>RESTORATION PROJECT MANAGEMENT - 60-00</u>				
Revenues				
General Property Tax	\$ 6,435.42	\$ 38,612.52	77,225.00	(38,612.48)
Interest Revenue	0.00	586.97	13,993.00	(13,406.03)
Total Revenues	6,435.42	39,199.49	91,218.00	(52,018.51)
Expenses				
Wages-Restoration Projects	3,879.56	23,503.08	46,929.00	(23,425.92)
Benefits-Restoration Projects	268.66	1,408.99	7,331.00	(5,922.01)
PERA-Restoration Projects	271.56	1,645.20	3,168.00	(1,522.80)
Payroll Taxes-Restoration	279.88	1,696.57	3,590.00	(1,893.43)
Office Supplies	33.66	218.13	640.00	(421.87)
Printing	0.00	0.00	240.00	(240.00)
Rent	524.45	3,154.37	8,120.00	(4,965.63)
Telecommunications	50.80	290.75	1,000.00	(709.25)
Publications	0.00	0.00	80.00	(80.00)
Training & Education	0.00	0.00	600.00	(600.00)
Insurance and Bonds	0.00	971.62	2,400.00	(1,428.38)
Postage	0.00	0.00	600.00	(600.00)
Staff Travel	0.00	0.00	400.00	(400.00)
Recruitment	0.00	0.00	80.00	(80.00)
Legal Fees	0.00	0.00	5,000.00	(5,000.00)
Engineering	0.00	7,663.11	10,000.00	(2,336.89)
Equipment	67.99	67.99	0.00	67.99
Equipment Lease	27.98	186.79	960.00	(773.21)
Repairs & Maintenance	0.00	0.00	80.00	(80.00)
Total Expenses	5,404.54	40,806.60	91,218.00	(50,411.40)
Total Revenues Over/(Under)				
Expenditures - Restoration Management	1,030.88	(1,607.11)	0.00	(1,607.11)
<u>URBAN STORMWATER REMEDIATION PROJECT - 60-15</u>				
Revenues				
General Property Tax	3,333.33	19,999.98	40,000.00	(20,000.02)
Total Revenues	3,333.33	19,999.98	40,000.00	(20,000.02)
Expenses				
Legal Notices	0.00	229.00	0.00	229.00
Legal Fees	0.00	0.00	1,500.00	(1,500.00)
Engineering-Stormwater Remediation	0.00	2,642.75	10,000.00	(7,357.25)
Stormwater-Construction	0.00	50,000.00	28,500.00	21,500.00
Total expenses	0.00	52,871.75	40,000.00	12,871.75
Total Revenues Over/(Under)				
Expenditures - Urban SW Mediat.Proj.	3,333.33	(32,871.77)	0.00	(32,871.77)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>COLUMBUS RMP - 60-17</u>				
Revenues				
General Property Tax	4,166.67	25,000.02	50,000.00	(24,999.98)
Total Revenues	4,166.67	25,000.02	50,000.00	(24,999.98)
Expenses				
Printing	198.20	396.40	0.00	396.40
Telecommunications	29.46	147.10	0.00	147.10
Legal Notices	258.63	648.59	0.00	648.59
Legal Fees	0.00	2,932.00	10,000.00	(7,068.00)
Engineering	6,865.51	75,200.37	40,000.00	35,200.37
Total expenses	7,351.80	79,324.46	50,000.00	29,324.46
Total Revenues Over/(Under)				
Expenditures - Columbus RMP	(3,185.13)	(54,324.44)	0.00	(54,324.44)
<u>JD4 RMP IMPLEMENTATION - 60-18</u>				
Revenues				
General Property Tax	8,333.33	49,999.98	100,000.00	(50,000.02)
Total Revenues	8,333.33	49,999.98	100,000.00	(50,000.02)
Expenses				
Telecommunications	29.46	147.10	0.00	147.10
Postage	251.36	251.36	0.00	251.36
Legal Notices	228.07	228.07	0.00	228.07
Professional Services	0.00	0.00	5,000.00	(5,000.00)
Legal Fees	909.50	5,405.20	15,000.00	(9,594.80)
Engineering	2,149.25	24,656.11	80,000.00	(55,343.89)
Total expenses	3,567.64	30,687.84	100,000.00	(69,312.16)
Total Revenues Over/(Under)				
Expenditures - JD4 RMP Implement.	4,765.69	19,312.14	0.00	19,312.14
<u>DISTRICT-WIDE SWMM MODEL-PHASE I - 60-19</u>				
Revenues				
General Property Tax	20,833.33	124,999.98	250,000.00	(125,000.02)
Total Revenues	20,833.33	124,999.98	250,000.00	(125,000.02)
Expenses				
Engineering-SWMM	13,502.25	58,243.51	250,000.00	(191,756.49)
Total expenses	13,502.25	58,243.51	250,000.00	(191,756.49)
Total Revenues Over/(Under)				
Expenditures - District-Wide SWMM	7,331.08	66,756.47	0.00	66,756.47

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Statement of Revenue and Expenditures - Restoration Projects - 60
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>ACD 53/62 RMP IMPLEMENTATION - 60-21</u>				
Revenues				
General Property Tax	4,166.67	25,000.02	50,000.00	(24,999.98)
Total Revenues	4,166.67	25,000.02	50,000.00	(24,999.98)
Expenses				
Legal Fees	660.00	1,393.00	10,000.00	(8,607.00)
Engineering	7,489.60	14,016.35	40,000.00	(25,983.65)
Total expenses	8,149.60	15,409.35	50,000.00	(34,590.65)
Total Revenues Over/(Under)				
Expenditures - ACD 53/62 RMP Impleme	(3,982.93)	9,590.67	0.00	9,590.67
<u>LINO LAKES RMP IMPLEMENTATION - 60-22</u>				
Revenues				
General Property Tax	4,166.67	25,000.02	50,000.00	(24,999.98)
Total Revenues	4,166.67	25,000.02	50,000.00	(24,999.98)
Expenses				
Printing	0.00	198.20	0.00	198.20
Telecommunications	30.34	151.54	0.00	151.54
Postage	0.00	502.88	0.00	502.88
Contracted Services-Lino RMP	0.00	0.00	15,000.00	(15,000.00)
Legal Fees	0.00	4,335.00	2,500.00	1,835.00
Engineering	4,803.25	31,733.13	32,500.00	(766.87)
Total expenses	4,833.59	36,920.75	50,000.00	(13,079.25)
Total Revenues Over/(Under)				
Expenditures - Lino Lakes RMP	(666.92)	(11,920.73)	0.00	(11,920.73)
<u>SOUTHWEST URBAN LAKE IMPLEMENTATION - 60-24</u>				
Revenues				
General Propety Tax	4,166.67	25,000.02	50,000.00	(24,999.98)
Total Revenues	4,166.67	25,000.02	50,000.00	(24,999.98)
Expenses				
Contracted Services	0.00	0.00	10,000.00	(10,000.00)
Legal Fees	0.00	66.00	1,000.00	(934.00)
Engineering	16,137.75	19,610.25	39,000.00	(19,389.75)
Total expenses	16,137.75	19,676.25	50,000.00	(30,323.75)
Total Revenues Over/(Under)				
Expenditures - Southwest Urban Lake	(11,971.08)	5,323.77	0.00	5,323.77
Total Revenue Over/(Under) Expenditure	\$ (3,345.08)	\$ 259.00	0.00	259.00

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Rice Creek Watershed District
Statement of Revenue and Expenditures - Regulatory Projects - 70
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>REGULATORY PROJECT MANAGEMENT - 70-00</u>				
Revenues				
General Property Tax	\$ 23,452.00	\$ 140,712.00	281,424.00	(140,712.00)
Income-Grants	0.00	12,410.00	0.00	12,410.00
Permit Fees	(2,000.00)	22,950.00	48,150.00	(25,200.00)
Interest Revenue	0.00	597.83	14,252.00	(13,654.17)
Total Revenues	21,452.00	176,669.83	343,826.00	(167,156.17)
Expenses				
Wages-Regulatory	15,951.84	95,899.35	191,894.00	(95,994.65)
Wages - Interns	1,649.30	1,649.30	7,204.00	(5,554.70)
Benefits-Regulatory	1,908.88	10,450.23	23,894.00	(13,443.77)
PERA-Regulatory	1,116.62	6,712.95	12,953.00	(6,240.05)
Payroll Taxes-Regulatory	1,306.34	7,221.47	15,231.00	(8,009.53)
Office Supplies	166.30	1,077.72	2,480.00	(1,402.28)
Supplies-Field	0.00	59.23	450.00	(390.77)
Printing	0.00	0.00	930.00	(930.00)
Rent	2,591.20	15,585.12	31,465.00	(15,879.88)
Telecommunications	338.39	1,870.50	3,875.00	(2,004.50)
Publications	0.00	57.74	310.00	(252.26)
Training & Education	349.32	1,533.57	2,325.00	(791.43)
Insurance and Bonds	0.00	4,800.58	9,300.00	(4,499.42)
Postage	0.00	5.71	2,325.00	(2,319.29)
Legal Notices	247.24	247.24	0.00	247.24
Staff Travel-Regulatory	360.80	1,290.16	1,550.00	(259.84)
Vehicle Expense	280.15	1,473.39	5,000.00	(3,526.61)
Recruitment	0.00	0.00	310.00	(310.00)
Legal Fees	0.00	253.00	9,800.00	(9,547.00)
Engineering-Regulatory	1,760.25	1,760.25	18,000.00	(16,239.75)
Equipment	335.92	465.91	500.00	(34.09)
Equipment Lease	138.26	922.98	3,720.00	(2,797.02)
Repairs & Maintenance	0.00	0.00	310.00	(310.00)
Total Expenses	28,500.81	153,336.40	343,826.00	(190,489.60)
Total Revenues Over/(Under)				
Expenditures - Regulatory Management	(7,048.81)	23,333.43	0.00	23,333.43
<u>RULE/PLAN REVISIONS - PERMIT GUIDANCE - 70-01</u>				
Revenues				
General Property Tax	2,083.33	12,499.98	25,000.00	(12,500.02)
Total Revenues	2,083.33	12,499.98	25,000.00	(12,500.02)
Expenses				
Legal Fees	0.00	5.00	10,000.00	(9,995.00)
Engineering	5,127.50	5,127.50	15,000.00	(9,872.50)
Total expenses	5,127.50	5,132.50	25,000.00	(19,867.50)
Total Revenues Over/(Under)				
Expenditures - Rule/Plan Revisions	(3,044.17)	7,367.48	0.00	7,367.48

Rice Creek Watershed District
Statement of Revenue and Expenditures - Regulatory Projects - 70
For the One Month and Six Months Ending June 30, 2010
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>PERMIT REVIEW - 70-03</u>				
Revenues				
General Property Tax	23,333.33	139,999.98	280,000.00	(140,000.02)
Total Revenues	23,333.33	139,999.98	280,000.00	(140,000.02)
Expenses				
Printing	10.99	60.33	0.00	60.33
Postage	94.76	473.52	0.00	473.52
Professional Services	0.00	811.25	0.00	811.25
Legal Fees	2,839.00	25,863.81	30,000.00	(4,136.19)
Engineering-Permit Review	26,513.75	155,656.50	250,000.00	(94,343.50)
Total expenses	29,458.50	182,865.41	280,000.00	(97,134.59)
Total Revenues Over/(Under)				
Expenditures - Permit Review	(6,125.17)	(42,865.43)	0.00	(42,865.43)
<u>ROAD AUTHORITY CIP-EARLY COORDINATION - 70-07</u>				
Revenues				
General Property Tax	2,083.33	12,499.98	25,000.00	(12,500.02)
Total Revenues	2,083.33	12,499.98	25,000.00	(12,500.02)
Expenses				
Engineering-Road Auth.	5,347.25	30,677.75	25,000.00	5,677.75
Total expenses	5,347.25	30,677.75	25,000.00	5,677.75
Total Revenues Over/(Under)				
Expenditures - Road Authority CIP	(3,263.92)	(18,177.77)	0.00	(18,177.77)
<u>WATERSHED MANAGEMENT PLAN REVISION - 70-08</u>				
Revenues				
General Property Tax	1,666.67	10,000.02	20,000.00	(9,999.98)
Total Revenues	1,666.67	10,000.02	20,000.00	(9,999.98)
Expenses				
Legal Fees	0.00	34.00	0.00	34.00
Engineering-Watershed Mgmt.	0.00	2,680.46	20,000.00	(17,319.54)
Total expenses	0.00	2,714.46	20,000.00	(17,285.54)
Total Revenues Over/(Under)				
Expenditures - Watershed Management	1,666.67	7,285.56	0.00	7,285.56
Total Revenue Over/(Under) Expenditure	\$ (17,815.40)	\$ (23,056.73)	0.00	(23,056.73)

For Management Purposes Only

Rice Creek Watershed District
Statement of Revenue and Expenditures - Ditch & Creek Maintenance - 80
For the One Month and Six Months Ending June 30, 2010
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	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>DITCH & CREEK MANAGEMENT - 80-00</u>				
Revenues				
General Property Tax	\$ 12,261.75	\$ 73,570.50	147,141.00	(73,570.50)
Interest Revenue	0.00	371.38	8,853.00	(8,481.62)
Total Revenues	12,261.75	73,941.88	155,994.00	(82,052.12)
Expenses				
Wages-Ditch & Creek Maint.	6,389.10	38,660.42	77,052.00	(38,391.58)
Benefits-Ditch & Creek Maint.	1,020.09	5,627.08	8,746.00	(3,118.92)
PERA-Ditch & Creek Maint.	447.24	2,706.22	5,201.00	(2,494.78)
Payroll Taxes-Ditch & Creek	479.83	2,903.95	5,895.00	(2,991.05)
Office Supplies	81.81	530.14	1,520.00	(989.86)
Supplies-Field	0.00	192.63	500.00	(307.37)
Printing	0.00	0.00	570.00	(570.00)
Rent	1,274.65	7,666.58	19,285.00	(11,618.42)
Telecommunications	236.15	950.42	2,375.00	(1,424.58)
Publications	0.00	0.00	190.00	(190.00)
Training & Education	0.00	0.00	1,425.00	(1,425.00)
Insurance and Bonds	0.00	2,360.66	5,700.00	(3,339.34)
Postage	0.00	0.00	1,425.00	(1,425.00)
Staff Travel	25.00	25.00	950.00	(925.00)
Vehicle Expense	170.16	1,331.15	2,000.00	(668.85)
Recruitment	0.00	0.00	190.00	(190.00)
Legal Fees-Ditch & Creek	7,871.96	10,905.91	10,000.00	905.91
Engineering-Ditch & Creek	10,930.75	11,981.00	8,000.00	3,981.00
Equipment	165.24	165.24	2,500.00	(2,334.76)
Equipment Lease	68.01	454.02	2,280.00	(1,825.98)
Repairs & Maint.-Ditch & Creek	0.00	0.00	190.00	(190.00)
Total Expenses	29,159.99	86,460.42	155,994.00	(69,533.58)
Total Revenues Over/(Under) Expenditures - Ditch & Creek Mgmt.	(16,898.24)	(12,518.54)	0.00	(12,518.54)
<u>DITCHES - GENERAL - 80-02</u>				
Revenues				
General Property Tax	10,000.00	60,000.00	120,000.00	(60,000.00)
Total Revenues	10,000.00	60,000.00	120,000.00	(60,000.00)
Expenses				
Supplies-Field	0.00	121.07	1,000.00	(878.93)
Professional Services	0.00	811.25	1,000.00	(188.75)
Contracted Services-General	16,101.69	60,677.44	100,000.00	(39,322.56)
Legal Fees	0.00	1,212.25	5,000.00	(3,787.75)
Engineering Fees	100.00	5,314.35	12,000.00	(6,685.65)
Construction Expense	0.00	0.00	1,000.00	(1,000.00)
Total expenses	16,201.69	68,136.36	120,000.00	(51,863.64)
Total Revenues Over/(Under) Expenditures - Ditches - General	(6,201.69)	(8,136.36)	0.00	(8,136.36)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Ditch & Creek Maintenance - 80
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>REPAIR REPORTS - 80-03</u>				
Revenues				
General Property Tax	5,416.67	32,500.02	65,000.00	(32,499.98)
Total Revenues	5,416.67	32,500.02	65,000.00	(32,499.98)
Expenses				
Legal Fees	0.00	0.00	5,000.00	(5,000.00)
Engineering	0.00	1,181.00	60,000.00	(58,819.00)
Total expenses	0.00	1,181.00	65,000.00	(63,819.00)
Total Revenues Over/(Under)				
Expenditures - Repair Reports	5,416.67	31,319.02	0.00	31,319.02
 <u>DRAINAGE RECORDS MODERNIZATION - 80-04</u>				
Revenues				
General Property Tax	4,166.67	25,000.02	50,000.00	(24,999.98)
Total Revenues	4,166.67	25,000.02	50,000.00	(24,999.98)
Expenses				
Engineering-Drainage	964.00	36,161.58	50,000.00	(13,838.42)
Total expenses	964.00	36,161.58	50,000.00	(13,838.42)
Total Revenues Over/(Under)				
Expenditures - Drainage Records	3,202.67	(11,161.56)	0.00	(11,161.56)
 <u>JD-2/Hugo - 80-15</u>				
Revenues				
General Property Tax	3,333.33	19,999.98	40,000.00	(20,000.02)
Total Revenues	3,333.33	19,999.98	40,000.00	(20,000.02)
Expenses				
Contracted Services	0.00	32,661.70	40,000.00	(7,338.30)
Total expenses	0.00	32,661.70	40,000.00	(7,338.30)
Total Revenues Over/(Under)				
Expenditures - JD-2/Hugo	3,333.33	(12,661.72)	0.00	(12,661.72)
 Total Revenue Over/(Under) Expenditure	 \$ (11,147.26)	 \$ (13,159.16)	 0.00	 (13,159.16)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>LAKE & STREAM MANAGEMENT - 90-00</u>				
Revenues				
General Property Tax	\$ 5,742.17	\$ 34,453.02	68,906.00	(34,452.98)
Grants-Income	0.00	27,550.00	0.00	27,550.00
Interest Income	0.00	827.76	19,733.00	(18,905.24)
Total Revenues	5,742.17	62,830.78	88,639.00	(25,808.22)
Expenses				
Wages-Lake & Stream Mgmt.	3,474.42	21,109.34	42,687.00	(21,577.66)
Benefits-Lake & Stream Mgmt.	611.18	3,353.15	5,555.00	(2,201.85)
PERA-Lake & Stream Mgmt.	243.22	1,477.83	2,881.00	(1,403.17)
Payroll Taxes-Lake & Stream	256.21	1,557.42	3,266.00	(1,708.58)
Office Supplies	52.03	337.20	880.00	(542.80)
Supplies-Field	0.00	0.00	350.00	(350.00)
Printing-Lake & Stream	0.00	0.00	330.00	(330.00)
Rent	810.71	4,876.52	11,165.00	(6,288.48)
Telecommunications	99.54	538.24	1,375.00	(836.76)
Publications	0.00	0.00	110.00	(110.00)
Training & Education	0.00	1,072.00	825.00	247.00
Insurance and Bonds	0.00	1,502.79	3,300.00	(1,797.21)
Postage	0.00	0.00	825.00	(825.00)
Staff Travel	16.00	405.05	550.00	(144.95)
Vehicle Expense	140.07	779.68	2,000.00	(1,220.32)
Recruitment	0.00	0.00	110.00	(110.00)
Legal Fees	102.00	248.00	1,000.00	(752.00)
Engineering	1,142.50	2,940.25	10,000.00	(7,059.75)
Equipment	105.10	105.10	0.00	105.10
Equipment Lease	43.27	288.83	1,320.00	(1,031.17)
Repairs & Maint.-Lake & Stream	100.00	500.00	110.00	390.00
Total Expenses	7,196.25	41,091.40	88,639.00	(47,547.60)
Total Revenues Over/(Under)				
Expenditures - Lake & Stream Mgmt.	(1,454.08)	21,739.38	0.00	21,739.38
<u>BMP COST-SHARE PROGRAM - 90-01</u>				
Revenues				
General Property Tax	10,833.33	64,999.98	130,000.00	(65,000.02)
Total Revenues	10,833.33	64,999.98	130,000.00	(65,000.02)
Expenses				
Postage	0.00	23.50	0.00	23.50
Professional Services	0.00	91.50	0.00	91.50
Contracted Services	0.00	3,418.50	70,500.00	(67,081.50)
Legal Fees	0.00	507.50	0.00	507.50
Construction-BMP Costshare	896.32	1,327.12	59,500.00	(58,172.88)
Total expenses	896.32	5,368.12	130,000.00	(124,631.88)
Total Revenues Over/(Under)				
Expenditures - BMP Cost-Share Program	9,937.01	59,631.86	0.00	59,631.86

Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>LAKE & STREAM MONITORING - 90-04</u>				
Revenues				
General Property Tax	19,166.67	115,000.02	230,000.00	(114,999.98)
Total Revenues	19,166.67	115,000.02	230,000.00	(114,999.98)
Expenses				
Supplies-Field	80.82	647.99	3,100.00	(2,452.01)
Computer Software	0.00	2,020.00	2,385.00	(365.00)
Printing	0.00	0.00	750.00	(750.00)
Telecommunications	106.69	272.27	1,000.00	(727.73)
Publications	0.00	0.00	300.00	(300.00)
Training & Education	0.00	0.00	2,825.00	(2,825.00)
Postage	23.28	71.55	0.00	71.55
Vehicle Expense	0.00	326.73	1,500.00	(1,173.27)
Contracted Services	4,585.00	23,054.00	112,910.00	(89,856.00)
Legal Fees	0.00	0.00	500.00	(500.00)
Engineering	0.00	0.00	37,500.00	(37,500.00)
Equipment-Computer	0.00	221.75	0.00	221.75
Equipment	0.00	0.00	44,730.00	(44,730.00)
Repairs & Maintenance	358.98	912.37	500.00	412.37
Lab Expense	0.00	0.00	22,000.00	(22,000.00)
Total expenses	5,154.77	27,526.66	230,000.00	(202,473.34)
Total Revenues Over/(Under)				
Expenditures - Lake & Stream Montr.	14,011.90	87,473.36	0.00	87,473.36
<u>BALD EAGLE/OTTER LAKE - 90-06</u>				
Revenues				
Total Revenues	0.00	0.00	0.00	0.00
Expenses				
Engineering-Bald Eagle/Otter L	0.00	4,592.00	0.00	4,592.00
Total expenses	0.00	4,592.00	0.00	4,592.00
Total Revenues Over/(Under)				
Expenditures - Bald Eagle/Otter Lake	0.00	(4,592.00)	0.00	(4,592.00)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>VOLUNTEER MONITOR PROGRAM (SHEP) - 90-11</u>				
Revenues				
General Property Tax	2,250.00	13,500.00	27,000.00	(13,500.00)
Total Revenues	2,250.00	13,500.00	27,000.00	(13,500.00)
Expenses				
Contracted Services	7,000.00	7,000.00	27,000.00	(20,000.00)
Total expenses	7,000.00	7,000.00	27,000.00	(20,000.00)
Total Revenues Over/(Under)				
Expenditures - Volunteer Montr. (SHEP)	(4,750.00)	6,500.00	0.00	6,500.00
<u>TMDL IMPLEMENTATION - 90-23</u>				
Revenues				
General Property Tax	37,500.00	225,000.00	450,000.00	(225,000.00)
Total Revenues	37,500.00	225,000.00	450,000.00	(225,000.00)
Expenses				
Contracted Services	0.00	0.00	390,000.00	(390,000.00)
Legal Fees	0.00	0.00	10,000.00	(10,000.00)
Engineering	3,473.00	31,177.00	50,000.00	(18,823.00)
Total expenses	3,473.00	31,177.00	450,000.00	(418,823.00)
Total Revenues Over/(Under)				
Expenditures - TMDL Implementation	34,027.00	193,823.00	0.00	193,823.00
<u>BALD EAGLE LAKE WMD - 90-24</u>				
Revenues				
General Property Tax	2,916.67	17,500.02	35,000.00	(17,499.98)
Total Revenues	2,916.67	17,500.02	35,000.00	(17,499.98)
Expenses				
Contracted Services	0.00	41,713.50	30,000.00	11,713.50
Engineering-Bald Eagle	0.00	0.00	5,000.00	(5,000.00)
Total expenses	0.00	41,713.50	35,000.00	6,713.50
Total Revenues Over/(Under)				
Expenditures - Bald Eagle Lake WMD	2,916.67	(24,213.48)	0.00	(24,213.48)
Total Revenue Over/(Under) Expenditure	\$ 54,688.50	\$ 340,362.12	0.00	340,362.12

Rice Creek Watershed District
Statement of Revenue and Expenditures - District Facilities - 95
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>LONG LAKE SEDIMENT BASIN - 95-01</u>				
Revenues				
General Propety Tax	\$ 5,000.00	\$ 30,000.00	60,000.00	(30,000.00)
Total Revenues	5,000.00	30,000.00	60,000.00	(30,000.00)
Expenses				
Contracted Services	0.00	0.00	52,000.00	(52,000.00)
Legal Fees	0.00	0.00	2,000.00	(2,000.00)
Engineering	0.00	0.00	6,000.00	(6,000.00)
Construction	0.00	1,230.00	0.00	1,230.00
Total Expenses	0.00	1,230.00	60,000.00	(58,770.00)
Total Revenues Over/(Under)				
Expenditures - Long Lake Sediment Basi	5,000.00	28,770.00	0.00	28,770.00
 <u>OUTFALL & STRUCTURE ASSESSMENT& REPAIR - 95-03</u>				
Revenues				
General Propety Tax	12,089.08	72,534.48	145,069.00	(72,534.52)
Interest	0.00	206.78	4,931.00	(4,724.22)
Total Revenues	12,089.08	72,741.26	150,000.00	(77,258.74)
Expenses				
Contracted Services	0.00	0.00	85,000.00	(85,000.00)
Legal Fees	0.00	1,030.00	5,000.00	(3,970.00)
Engineering	4,178.25	13,228.25	60,000.00	(46,771.75)
Total expenses	4,178.25	14,258.25	150,000.00	(135,741.75)
Total Revenues Over/(Under)				
Expenditures - Outfall & Structure	7,910.83	58,483.01	0.00	58,483.01
 <u>EASEMENT OPERATION & MAINTENANCE - 95-04</u>				
Revenues				
General Propety Tax	1,666.67	10,000.02	20,000.00	(9,999.98)
Total Revenues	1,666.67	10,000.02	20,000.00	(9,999.98)
Expenses				
Supplies-Field	0.00	0.00	2,000.00	(2,000.00)
Contracted Services	0.00	0.00	15,000.00	(15,000.00)
Engineering	0.00	0.00	3,000.00	(3,000.00)
Total expenses	0.00	0.00	20,000.00	(20,000.00)
Total Revenues Over/(Under)				
Expenditures - Wall Wetland Restoration	1,666.67	10,000.02	0.00	10,000.02

For Management Purposes Only

**Rice Creek Watershed District
Statement of Revenue and Expenditures - District Facilities - 95
For the One Month and Six Months Ending June 30, 2010
See Accountant's Compilation Report**

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>FACILITIES MANAGEMENT PLAN - 95-05</u>				
Revenues				
General Property Tax	833.33	4,999.88	10,000.00	(5,000.12)
Total Revenues	833.33	4,999.88	10,000.00	(5,000.12)
Expenses				
Engineering	0.00	914.00	10,000.00	(9,086.00)
Total expenses	0.00	914.00	10,000.00	(9,086.00)
Total Revenues Over/(Under)				
Expenditures - Facilities Management Pl	833.33	4,085.88	0.00	4,085.88
Total Revenue Over/(Under) Expenditure	\$ 15,410.83	\$ 101,338.91	0.00	101,338.91

ITEMS FOR DISCUSSION AND INFORMATION

2. Staff Report

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/17/2010

From: Matthew Kocian

Subject: Lake and Stream Report for May 20 – June 17, 2010

Highlights for Preceding Month

Bold indicates significant time commitments

- **Lake and Stream Monitoring**
 - **Stream water quality monitoring and flow measurements**
 - Equipment troubleshooting and servicing
 - **Lake water quality monitoring**
- **Compose 2010 RCWD Stream Monitoring Report and Board presentation**
- Clear Lake aquatic vegetation survey
- Bald Eagle Lake curlyleaf pondweed “check”
- 2010 Hardwood Creek Restoration
 - Rank proposals and attend Board Workshop
- TMDLs
 - Review Golden Lake Implementation Plan and schedule MS4 meeting
 - Review Silver Lake Implementation Plan and schedule public meeting
- GIS
 - Prepare maps for various RCWD projects and permits
- Meetings
 - New Brighton Sportsman’s Club – present carp info
 - Bald Eagle Area Association – Water Management District budget meeting
- Pick-up WQ samples from CAMP volunteers
- Respond to various requests for flow and water quality data
 - HEI – loading data for C2 and H2
 - Metropolitan Council – loading data for R1

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 17, 2010

From: Nick Tomczik

Subject: Permit Coordinator/Wetland Specialist's Report for May - June 2010

Highlights for Preceding Month

- ✓ Meetings and Assistance to parties in need of pre-application/application assistance:
 - Chomonix Golf Course Lino Lakes
 - John's Black Dirt (Sunrise River, Columbus)
 - Cummings Fridley
 - Brad Rocutt 10-048R
 - John Biza 10-049R
 - 7161 Pleasant View Mounds View

- ✓ Wetland Delineation Review
 - Woolan's Park
 - Fridley Assisted Living

- ✓ Meetings and Assistance District Projects and Administration:
 - Mounds View Street & Utility 08-071
 - Wild Marsh 04-033
 - Hugo Audit
 - County Road 83 09-080

MEMORANDUM

Rice Creek Watershed District

To: Board of Managers

Date: June 16th, 2010

From: Tom Schmidt – RCWD Public Drainage Inspector/Technician

Subject: Staff Report for May/June 2010

Highlights for Preceding Month

- ✓ Continued to meet and talk with ACD 10-22-32 landowners concerning repair report as well as other landowners on various drainage systems regarding drainage concerns (ongoing);
- ✓ Met with Jim Hafner on local drainage issue in Blaine (ongoing);
- ✓ Met with City of Lino Lakes on Lino Air Park concerns (ongoing);
- ✓ Completed spreading, seeding, & mulching spoil on Rondeau Outlet channel project (Scandia Trucking) (complete);
- ✓ Ongoing observation of Rice Lake weir and lake levels in Hugo (ongoing);
- ✓ Completed minor maintenance work on ACD #53-62, Branch #1, ACD #10-22-32, and ARJD #1, Branch #5 (BVF Inc.) (complete);
- ✓ Contracted for beaver dam removal on ACD #10-22-32 (ongoing);
- ✓ Contracted for additional minor maintenance on ACD #10-22-32 and #53-62 (ongoing);
- ✓ Contracted for tile repair on WCD #5 in Forest Lake (Scandia Trucking) (ongoing);
- ✓ Assisted Permit Coordinator with data collection for permit enforcement in White Bear Township (complete);
- ✓ Assisted staff with technical questions/data collection (ongoing);

Upcoming Activities

- ✓ Ongoing assistance for repair reports for JD# 4 and ACD #10-22-32 (ongoing);
- ✓ Ditch maintenance projects on WCD #7, ACD #10-22-32 and AWJD #3(ongoing);
- ✓ Lino Air Park drainage issues (10-22-32) in Lino Lakes (ongoing);
- ✓ Assistance for Oasis Pond project preparations (ongoing);
- ✓ Summer ditch and Stream inspections (ongoing);

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/16/2010

From: Theresa Stasica

Subject: Office Manager 5/20/2010 through 6/16/2010

- Coded invoices for payment this month which were reviewed by Doug and sent to Nancy to via an excel spreadsheet
- Deposited checks
- Updated surety database and tracking system after returning sureties
- Placed orders for supplies as needed
- Assembled and distributed board packets. Organize the board packet as a pdf format for Internet distribution
- Updated materials on the website
- Attended board meetings/workshops
- Sent out appropriate notices
- Distributed updated Watershed Management Plan and Columbus CWPMP & Rule RMP-4
- Attended staff meetings
- Receiving and entering permit information new and old, issued permits
- Assisted staff in their daily activities
- Scanning documents that District receives into Laserfiche
- Maintained filing system
- Answered phones and assist public

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/14/2010

From: Elizabeth Muller

Subject: District Inspector's Report (May 20 through June 17, 2010)

Highlights from Preceding Month

- ✓ Worked through existing permits in the northern portions of the district, closing out and following up as necessary (ongoing project).
- ✓ Conducted surety request, routine and follow-up inspections and investigations, as requested/necessary, totaling 45.
- ✓ Began work with summer BMP inspection intern; attended plant identification trainings.
- ✓ Completed 2009 Hugo Audit review work, forwarded for Administrator review and eventual dispersal.
- ✓ Attended City staff meetings as appropriate.
- ✓ Continued lake sampling routine for Locke Lake and Spring Lake.
- ✓ Participated in high school biology class shadowing assignment.
- ✓ Worked with various staff to resolve difficult old permits, working on office operating procedure.
- ✓ Responded to recent complaints and information requests, meeting contractors/property owners on site as requested.
 - Inspection clarification site meetings
 - Pre-construction meetings
- ✓ Acted as point of contact for IT concerns, facilitating communications with Solbrekk.

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/15/10

From: Dawn Pape

Subject: Environmental Education Coordinator Report from May 26-June15, 2010

Highlights

PROJECTS & EVENTS COORDINATED

Blue Thumb - Planting for Clean Water

- ✓ Contacted by National Geographic – Blue Legacy Tour: Expedition Blue Planet (EBP). They were referred to the Blue Thumb program by several of their mid-west contacts. The Expedition Blue Planet (EBP) is doing a nationwide tour to showcase local organizations and energize and promote them with the Cousteau name and National Geographic pull. The tour will be in Minnesota on July 4th and they wanted to tie in to an existing festival that is also promoting clean water so the Blue Thumb (BT) steering committee has decided to tie in with the Powderhorn Lake 4th of July Festival. Since BT partner, Metro Blooms, is already planning on doing 100-150 raingardens in this area and there is a festival already happening so it is a perfect fit.
- ✓ There will be walking tours of approximately 20 raingardens that will be installed this month and interpretive programming around other water quality features around the lake (stormwater outflow pipe, grit chambers, buffer strips, etc).
- ✓ Organized plant give away – worked with funder on logistics
- ✓ Researched designed and ordered new signage

Resource Teachers Program

- ✓ Trained Resource Teachers about Stormwater BMP features at the new LEED Ramsey County Roseville Library so they can give the general public tours twice per week in July and August
- ✓ Daily logistics of running program – coordinating with Resource Teachers and schools
- ✓ Teachers workshop at Arboretum

General RCWD

- ✓ Crated rough drafts and revised final drafts of signage for the Ramsey County Roseville Library
- ✓ Coordinated stormdrain marking with City of Roseville and youth “Summer Stretch” program
- ✓ New Brighton Town Hall Meeting – RCWD table and lined up a Resource Teacher working with children while parents are attending the meeting

MEETINGS ATTENDED AND/OR COORDINATED

- ✓ Blue Thumb steering committee meeting
- ✓ EMWREP
- ✓ Basecamp – National Geographic virtual meetings

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 11, 2010

From: Dave Bauer

Subject: Inspector's Report for May 19, 2010 to June 11, 2010

Highlights for Preceding Month

- ✓ Completed 31 inspections, including meetings, documentation, and follow-up. 10 projects were able to be closed, 5 private and 5 public, for a total of \$16,000 in returned sureties;
- ✓ Worked with two permits, Capra Building and Wild Marsh, both of White Bear Township, to assure that no violations have taken place requiring Board action;
- ✓ Serving as President-Elect for the Minnesota Association of Professional Soil Scientists MAPSS;
- ✓ Attended weed ID training with Ryan Johnson of Ramsey Conservation District with Elizabeth and Matt Summers;
- ✓ Attended the U of M / MPCA soil science training for on-site waste water design certification – not to become certified but to incorporate the site investigation techniques of that industry into a stormwater BMP-specific training that RCWD will likely conduct in Fall of 2010;
- ✓ Accepted to speak at the Minnesota Water Resources Conference in October on the subject of site evaluation of potential stormwater BMP sites;
- ✓ Sampled water quality on Rice Creek Chain of Lakes;
- ✓ Helped plan for, train, and supervise new Rice Creek Intern Matthew Summers;
- ✓ Worked with MNDOT to identify the repeated cause of piping on a new flowing culvert to Rice Creek; and
- ✓ Filmed RCWD Board meeting.

MEMORANDUM

Rice Creek Watershed District

To: Board of Managers
From: Kyle Axtell, Water Resource Specialist
Subject: Staff Activity Report for 05/18/10 – 06/16/10

Date: June 16, 2010

Tasks completed during preceding month

- Updated RCWD website as needed.
- Completed reviews for five administratively-issued permits.
- Completed reviews of six projects that did not require RCWD permitting.
- Provided comment on City of Shoreview's proposed 2030 Comprehensive Plan amendment.
- Conducted a field review of every parcel owned by the City of Roseville within the RCWD, with assistance from the Ramsey Conservation District, searching for stormwater treatment retrofit opportunities for inclusion in the City's Parks Master Plan Update. A final report was prepared and presented to the City on 06-04-2010.
- Conducted reviews of cost-share applications from Jack Jungbauer, the Brighton Shores Townhomes Association, Fridley Middle School, and Northwestern College. The Jungbauer and Brighton Shores projects have been approved by the Board, to date.
- Conducted several site visits with area residents regarding potential BMP sites and/or RCWD permitting.
- Completed RCWD's 2009 MS4 Annual Report.
- Reviewed educational signage for installation at the Ramsey County Library in Roseville.
- Attended the Washington Water Consortium meeting in Stillwater, MN on 06-02-2010.
- Attended the RCWD Advisory Committee meeting on 06-02-2010.
- Researched potential for NRCS WHIP funding for habitat improvement at the Malmstrom easement.
- Prepared budget recommendations for the 2011 Water Quality BMP and USWR cost-share programs.
- Completed storm event sampling at R1 site (Rice Creek at Hwy 65 in Fridley on 06-08-2010).
- Attended the RCWD Board meeting on 06-09-2010.
- Continued working with the Anoka Conservation District on Phase II (outreach & promotion) of the Rice Lake Subwatershed Stormwater Retrofit program. The ACD has been going personally contacting priority sites in the selected neighborhood for installation of curb-cut raingardens. After the first landowner information meeting (06-10-2010), six of nine landowners present signed up for the program. More information will be presented to the Board later this summer as final plans develop.

ITEMS FOR DISCUSSION AND INFORMATION

3. July Calendar

JUNE							JULY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3	4	5					1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10	
13	14	15	16	17	18	19	11	12	13	14	15	16	17	
20	21	22	23	24	25	26	18	19	20	21	22	23	24	
27	28	29	30				25	26	27	28	29	30	31	

To: RCWD Board of Managers
 From: Theresa
 Date: June 16, 2010
 Subject: Significant Dates during Month of July 2010

- July 5** Independence Day, Office Closed
- July 7, 5 p.m.** NO Advisory Committee Meeting
- July 12, 3:30 p.m.-5:30 p.m.** Board of Managers Workshop,
Rice Creek Watershed District Conference Room
- July 14, 9 a.m.** Regular Board of Managers Meeting at Shoreview City Hall Council Chambers
- July 28, 9 a.m.** Regular Board of Managers Meeting at Shoreview City Hall Council Chambers

Deadline for submission of per diem claims is July 20.