

RICE CREEK WATERSHED DISTRICT

4325 Pheasant Ridge Dr. NE #611 • Blaine, MN 55449-4539

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www.ricecreek.org

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RCWD BOARD OF MANAGERS AGENDA

Wednesday, June 27, 2012, 9:30 a.m.

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

Agenda

- 1
- 2 **CALL TO ORDER**
- 3 **ROLL CALL**
- 4 **SETTING OF THE AGENDA**
- 5 **APPROVAL OF JUNE 11, 2012 WORKSHOP MINUTES AND JUNE 13, 2012**
- 6 **REGULAR BOARD MEETING MINUTES**
- 7 **CONSENT AGENDA**
- 8 The following items will be acted upon without discussion in accordance with the staff recommendation and
- 9 associated documentation unless a Manager or another interested person requests opportunity for discussion:
- 10 **Table of Contents**
- 11 **PERMIT APPLICATIONS REQUIRING BOARD ACTION**
- 12

No.	Applicant	Location	Plan Type	Recommendation
13 12-040	City of Lino Lakes	Lino Lakes	Street & Utility Construction	CAPROC 5 items
14 12-041	City of New Brighton	New Brighton	Final Site Drainage	CAPROC 9 items
15 12-042	City of Lexington	Lexington	Street & Utility Construction	CAPROC 5 items
16 12-043	White Bear Township	White Bear Township	Final Site Drainage	CAPROC 4 items
17 12-045	Cummins Power Generation	Fridley	Final Site Drainage	CAPROC 3 items
- 18 *It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as*
- 19 *outlined in the above Table of Contents in accordance with RCWD staff and District Engineer's Findings and*
- 20 *Recommendations dated June 8, 2012; June 11, 2012; June 12, 2012; and June 18, 2012.*
- 21

22 **PERMIT APPLICATIONS REQUIRING BOARD ACTION**

23 **Table of Contents**

24 No.	24 Applicant	24 Location	24 Plan Type	24 Recommendation
25 12-039	25 Anoka County Parks	25 Lino Lakes 26 & Centerville	25 Final Site Drainage	25 VARIANCE/ 26 CAPROC 7 items
28 12-036	28 Teamvantage	28 Forest Lake	28 Final Site Drainage	28 VARIANCE/ 29 CAPROC 6 items

31 *It was moved by Manager _____ and seconded by Manager _____, to approve permit applications*
 32 *_____ as outlined in the above Table of Contents in accordance with RCWD staff and District Engineer's Findings and*
 33 *Recommendations dated June 20 and 21, 2012.*

34 **PUBLIC HEARING: BALD EAGLE LAKE WATERSHED STORMWATER**
 35 **REUSE/PHOSPHORUS REDUCTION PROJECT**

36 **OPEN MIKE**

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

42 **ITEMS REQUIRING BOARD ACTION**

- 43 1. Consider ordering the Bald Eagle Lake Watershed Stormwater Reuse/Phosphorus Reduction
44 Project (Phil Belfiori)
- 45 2. Consider Awarding the Contract for Construction for the Long Lake Sediment Basin Dredging
46 Project. (Phil Belfiori)
- 47 3. Consider Authorizing Execution Of Wetland Banking Conservation Easements And
48 Restrictive Covenants for the Anoka-Washington Judicial Ditch 4 /Anoka County Ditch 15
49 Wetland Restoration (Phil Belfiori)
- 50 4. Consider Check Register dated 6/27/2012, in the amount of \$243,667.58 prepared by HLB
51 Tautges Redpath.

52 **ITEMS FOR DISCUSSION AND INFORMATION**

- 53 1. Staff Reports
- 54 2. July Calendar
- 55 3. Manager's Update

56 **ADJOURNMENT**

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58

**APPROVAL OF JUNE 11, 2012 WORKSHOP
MINUTES AND JUNE 13, 2012 REGULAR BOARD
MEETING MINUTES**

RCWD BOARD OF MANAGERS WORKSHOP

Monday, June 11, 2012

Rice Creek Watershed District Office
4325 Pheasant Ridge Dr NE, Suite 611, Blaine, Minnesota

1 The Board convened workshop at 3:30 p.m.

2 Attendance: –Board members, Patricia Preiner, Harley Ogata, Barbara Haake, John Waller and Steve Wagamon

3 Absent: None

4 Others: Administrator Phil Belfiori; Permit Coordinator/Wetland Specialist Nick Tomczik (portion of meeting),
5 Public Drainage Inspector Tom Schmidt (portion of meeting), District Drainage Attorney John Kolb (portion of
6 meeting), District Engineer Mark Deutschman; Myrna Doran Mirror Lake Condo representative (portion of
7 meeting)

8

9 **New Employee Introductions**

10 Administrator Belfiori introduced new employees Chris Buntjer, Technical Specialist/Permit Review; Stephanie
11 Herbst, WQ intern; and Samantha Kreibich, Inspector/BMP Intern to the Board of Managers.

12

13 **Discussion on Anoka County Ditch 10-22-32 Order, Findings and Resolution**

14 District Drainage Attorney John Kolb provided a summary of the draft findings that were passed out at the
15 workshop. He also summarized the written responses to the landowners. Upon further discussion the
16 consensus from the Board that the Order, as passed out at the workshop, should be brought forward to the June
17 13, 2012 Board meeting for consideration, with exception of a small change in the charging framework as was
18 described at the meeting. Board also developed consensus that responses to comments should be sent to those
19 landowners that submitted written comments or provided testimony at the 5/17/2012 public hearing.

20

21 **Discussion on Anoka-Washington Judicial Ditch 4 (JD4)/Anoka County Ditch 15 Plan and Specifications**

22 District Engineer Deutschman provided summary of highlights of the plans and specifications. He noted that
23 plans have been reviewed by the City of Columbus. He also identified that the existing project does not include
24 tile work for Branch 3 and 4 of JD4. Public Drainage Inspector Tom Schmidt also noted that he will be using
25 existing maintenance funds to complete some of the tile work on Branch 3 & 4 in the upcoming years. He also
26 identified that the plans will be revised to include replacement of two culverts that will be provided by the City
27 of Columbus.

28

29 **Update on Notice of Adverse claim**

30 District Drainage Attorney Kolb provided an update to the Board on the status and process for following up on
31 the Notice of Adverse Claim by the Houle Family.

32

33 **Update on City of New Brighton/St. Anthony Flood Study Report**

34 Administrator Belfiori update the Board that staff had recently received draft copies of the New Brighton and St.
35 Anthony Flood reports related to investigation and stormwater modeling as related to the July 2011 storm event.
36 He summarized the projects identified in the two reports.

37

38 **Discussion on Rule Revision**

39 District Engineer Deutschman provided a presentation on a series of hydrographs that were related to the
40 technical elements of possible revisions to the rule. He highlighted the importance of volume control as a flood
41 control management tool. Upon further discussion the Board reached consensus that staff should continue to
42 pursue rule revision consistent with the direction as defined by District Engineer Deutschman as outlined in his
43 technical presentation. The Board reached consensus that they would like to schedule a Rule Revision workshop
44 at their July 9, 2012 workshop.

45

46 **Additional item-Woodside Development Issue**

47 Administrator Belfiori distributed a memo from June 11, 2012 from Public Drainage Inspector Tom Schmidt
48 related to the Woodside Development ditch issue. The Board was updated on the likely steps that will be taken
49 to address this issue.

50

51 **Initial rough draft 2013 Budget Discussion**

52 Administrator Belfiori provided a summary of the rough draft 2013 budget for discussion purposes only. Upon
53 further discussion the Board reached consensus that they did not see any overall big picture issues with the
54 rough draft budget as described and further reached consensus that staff should schedule a budget workshop at
55 8:45 a.m. at Shoreview City Hall before the June 27, 2012 regular Board meeting.

56

57 **Discussion on Hugo Washington County Judicial Ditch 2 Maintenance Agreement**

58 Administrator Belfiori provided a brief summary of the draft agreement relating to revising the reimbursement
59 framework for the previously approved maintenance agreement for JD2 between RCWD and the City of Hugo.
60 Upon further discussion the Board reached consensus to move forward with the agreement as drafted and
61 present it for Board consideration at their June 13, 2012 regular Board meeting.

62

63 **Discussion on Initial Draft Flood Area Maps**

64 District Engineer Deutschman provided a brief update on the development of a flood area map. Board provided
65 consensus for District Engineer Deutschman to continue development of this map and present it at a future
66 workshop meeting.

67

68 **Update on Environmental Education Coordinator Position**

69 Administrator Belfiori a brief summary of the revised position description for this proposed position. Upon
70 further discussion the Board provided consensus that Administrator Belfiori should continue to refine the
71 position description to provide more details related to focus areas of each main essential duty of the position
72 and bring a revised position description to a future workshop meeting for further discussion.

73

74 **Discussion on Wetland Credits for Created Conservation Ponds**

75 Manager Waller provided a summary of his proposal for possible revisions to District rules related to credits for
76 previously created conservation ponds. Board discussion focused on the potential of incorporating some of the
77 elements as described possibly into a future revisions to the District rules.

78

79 **Update on the Bald Eagle Lake Watershed Stormwater Reuse/Phosphorus Reduction Project**

80 Administrator Belfiori provided a brief summary of the draft resolution for the approval of the Bald Eagle Lake
81 Watershed Stormwater Reuse/Phosphorus Reduction Project. Staff would anticipate bringing forth this

82 resolution for Board consideration at their June 13, 2012 regular Board meeting. Pending final approval of the
83 Bald Eagle Lake TMDL by appropriate agencies.

84

85 **Closed Session-Administrator's Performance Review Discussion**

86 President Preiner closed the workshop for the Administrator's Performance Review Discussion.

87

88 Meeting adjourned at 6:40 p.m.

DRAFT

For Consideration of Approval at the June 27, 2012 Meeting.
Use these minutes only for reference until that time.

REGULAR MEETING OF THE RCWD BOARD OF MANAGERS

Wednesday, June 13, 2012

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 Steve Wagamon.

Absent: None.

Staff Present: Administrator Phil Belfiori, Permit Coordinator/Wetland Specialist Tomczik, Water Resource Specialist Axtell, Office Manager Theresa Stasica, Public Ditch Inspector Tom Schmidt.

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

Visitors: Michael Straus

CALL TO ORDER

President Preiner called the meeting to order, a quorum being present, at 9:30 a.m.

SETTING OF THE AGENDA

Motion by Manager Haake, seconded by Manager Waller, to adopt the agenda as presented. Motion carried 5-0.

READING OF THE MINUTES AND THEIR APPROVAL

Minutes of the May 17, 2012, Anoka County Ditch 10-22-32 Public Hearing. Motion by Manager Wagamon, seconded by Manager Ogata, to approve the minutes as presented. Motion carried 5-0.

Minutes of the May 23, 2012, Board of Managers Regular Meeting. Motion by Manager Wagamon, seconded by Manager Ogata, to approve the minutes as presented. 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.

Michael Straus, 10101 Naples, stated he had a ditch running through his lot where maintenance had been done. He requested the ditch be lowered to the same depth of his neighbor's (CSM) ditch. He indicated that ditch was 3-4 feet lower than his ditch. He indicated his ditch was 3-4 feet higher.

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Manager Haake asked if this was Ditch 53-62.

Public Ditch Inspector Schmidt responded this was Lateral 1, Branch 6 of Ditch 53-62. He stated maintenance had been performed upon request of Mr. Strauss. He indicated the District Engineers had prepared a memorandum showing that the ditch was out of repair and required maintenance. He stated part of the issue was that when CSM was constructed in 2004, they petitioned the District for a reroute of the lateral, but that work was never completed and the lateral was not connected to Mr. Strauss' lateral. He stated the water had been sitting there and not exiting. He stated they determined the ditch should be back to where it had originally been routed so it was connected to the re-routed portion of Branch 6. That work was finished and it did provide drainage relief through the property. However, because of the subsequent condition, they have erosion happening. He noted effectively the ditch was achieving the elevation on its own and having spoken with Mr. Strauss several times, what he was looking for was an explanation as to why the CSM ditch elevation was where it was. He stated he was not aware of the heavy erosion, but could understand it happening with the heavy rain lately. He showed on the map where the property was located.

President Preiner asked if the ditch had been rerouted. Public Ditch Inspector Schmidt responded it had not been done. He stated this was something that had been discovered when Mr. Strauss made an inquiry. He stated this was part of the permit and not as part of the drainage proceeding. He stated this was not captured in the ditch proceeding as it had been requested within the permit.

Permit Coordinator/Wetland Specialist Tomczik asked was the intent of the CSM deal propose a different profile. In other words, if this would have been dug, would it have provided a greater drainage, or was it just a matter of location. Public Ditch Inspector Schmidt responded they were changing the location where it would connect and not the profile itself. He stated without looking at the CSM profile, he could not comment on that specifically. He indicated the District Engineers came up with the profile with the information they had. The ditch was dug to the adopted profile.

Manager Waller asked what the bottom of the ditch profile was. Public Ditch Inspector Schmidt responded he did not have that information in front of him, but the CSM ditch was at an elevation of 891.46, per the ACD 53-62 settlement agreement. Basically, branch 6, had a flat or zero grade on it.

Manager Waller responded the top of the land was 896, 898.

Manager Haake stated 891.46 is the as-built or design of the ditch. She recommended this discussion be continued to a workshop meeting to give staff time to gather the information and present it to the Managers.

Manager Waller asked to see the pictures Mr. Strauss had brought with him.

District Engineer Deutschman stated essentially when the consolidation was done, they looked at what the as constructed condition was. He noted this was not only the grade and profile, but the cross sectional area and historically what the ditch could convey. He stated the issue was regulatory and they looked at the type of wetland would be impacted and essentially they were working under the WCA drainage exemption. He stated if they were to increase the capacity, it would kick it into an improvement and not maintenance. He stated this would put them under a different section of 103(e).

President Preiner requested staff put this on a future workshop meeting.

District Attorney Smith stated he would check on this also.

88 Mr. Strauss stated he had owned the property 25 years and he spoke with Mr. Darryl Tagg. He stated he had signed
89 petitions years ago and Mr. Tagg said the land was all dry back there and the house, which was built in the 1960's, did not
90 have a sump pump and had a dry basement. He stated he has had to add a sump pump and it ran all of the time now. He
91 stated horses were also on the land and now the horses would not walk on the land because it was too wet. He stated Mr.
92 Tagg indicated the ditches had been dug deep and fish swam through there, but now that did not occur.

93
94 Manager Ogata asked what were the issues and problems Mr. Strauss was experiencing. Mr. Strauss responded the ditch
95 was the appropriate depth for everyone else, why was his ditch four feet higher. He stated his land flooded now.

96
97 Manager Waller asked if the house was flooded. Mr. Strauss stated he had a lot more water on his land. He stated before it
98 was worse and his sump pump was running all of the time.

99
100 Manager Ogata asked how long has the property been in this condition. Mr. Strauss stated it has gotten steadily worse
101 over the 25 years since he has owned the property. He stated the first year he owned the property, his house's basement
102 flooded, he added the sump pumps, and now the pumps run all of the time.

103
104 It was the Board's consensus to discuss this further at a future workshop meeting.

105
106 **ADDITIONAL ITEMS REQUIRING BOARD ACTION**

107 **1. Consider Anoka County Ditch 10-22-32 Response to Comments & Drainage System Repair Order**

108 Administrator Belfiori explained in October, 2007 the District completed a repair report and back in September
109 2010, a supplemental repair was done and presented to the Board. He noted in February, 2011, a repair report
110 addendum had been prepared. He indicated on May 25, 2011, the Board approved the addendum. He stated on
111 December 7, 2011, the Board completed the proceedings and got approval from the Board of Water and Soil
112 Resources, and on April 16, 2012, an informational meeting was held. He noted on May 17, 2012, the Board held a
113 final hearing and received both written comments and testimony was received. He indicated all of the comments
114 had been incorporated into the Order language. He stated the two new paragraphs were added at the June
115 workshop.

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117 President Preiner requested "should be capped" be changed to "will be capped" on paragraph 3 on page 4.

118
119 Administrator Belfiori noted the changes to paragraphs E and F on the Order per Board discussion at the
120 workshop on Monday, June 11th.

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122 Manager Waller stated he agreed with President Preiner's change, but to have more continuity, he recommended
123 "will" be changed to "shall". President Preiner agreed.

124
125 ***Motion by Manager Ogata, seconded by Manager Waller, to approve Resolution 2012-019, Rice Creek***
126 ***Watershed District Board of Managers Final Order Directing the Repair of Anoka County Ditch 10-22-32 AND***
127 ***Implementing Water Management District Charges with the recommended wording change made by President***
128 ***Preiner and Manager Waller.***

129
130 **ROLL CALL:**

131 ***Manager Waller – Aye***

132 ***Manager Haake – Nay***

133 ***Manager Ogata – Aye***

134 ***Manager Wagamon - Aye***

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President Preiner - Aye

Manager Haake explained the reason she was voting no was due to paragraph B in the Order. She believed the 50.3 percent project costs being derived from the ad valorem funds was inappropriate and the funding should come from the benefited parties as it was providing stormwater runoff for the people and this did not benefit the entire District as a whole.

Motion carried 4-1.

2. Consider Acknowledging Receipt of Plans and Specifications and Authorize Solicitation for Bids for Anoka-Washington Judicial Ditch 4/Anoka County Ditch 15 Public Drainage System Repair Project.

Administrator Belfiori explained this was for Board consideration a motion to acknowledge receipt of project plans and specifications from Houston Engineering to solicit bids for the construction of the Anoka County Ditch No. 15/Anoka-Washington County Judicial Ditch No. 4 (ACD 15/JD 4) Public Drainage System Repairs and Realignment Project. He noted the ACD 15 / JD 4 Public Drainage System Repairs and Alignment Project was intended to provide drainage to those currently farming, future stormwater conveyance of runoff and restore the landscape and site level wetland functions and services of the wetland complex affected by the ACD 15 / JD 4 public drainage system to a sustainable condition. He stated the Board of Managers on August 25, 2010 adopted Resolution 2010-21 ordering implementation of the repair of the ACD 15 / JD 4 consistent with the previously adopted engineers recommended repair alternative and consistent with the capital improvement program contained in the District's Watershed Management Plan. Upon this authorization by Board of Managers, staff prepared the plans and specifications as attached and also completed compliance with permit requirements. He indicated final project manuals including plans and specifications were prepared by Houston Engineering and the District Engineer would be making a brief presentation. He stated bids were anticipated to be provided to the Board on July 11, 2012 for their consideration, selection, and award of the contract.

District Engineer Deutschman stated the plans and specifications had been prepared consistent with the project approved previously. He pointed out that they planned to use the borrow material from the adjacent Connexus property, which still needed to be coordinated. He stated they planned to start construction in early August pending final Army Corp of Engineer's permit, which they were working on. He stated they were planning to add two additional culverts and replacement of the culvert that had failed during the last rainstorm. He indicated they still needed to work out the details with the City of Columbus regarding reimbursement for that work.

Motion by Manager Waller, seconded by Manager Wagamon, to acknowledge receipt of final project plans and specifications from Houston Engineering and authorize staff with assistance from Houston Engineering to solicit bids for project construction of the Anoka County Ditch No. 15/Anoka-Washington County Judicial District 4 Public Drainage System Repairs and Realignment Project. Motion carried 5-0.

3. Consider City of Blaine Private Ditch Inspection Agreement

Administrator Belfiori explained as a follow-up to the discussion at two workshops, attached for Board consideration was the Cooperative Agreement for inspection of City of Blaine private ditch systems. The City had requested this cooperative approach because of the District's experience and expertise relating to ditch systems within the Watershed District. He noted the proposed Agreement provided for specific inspection locations and scope of work including: The District would not be responsible for the on-going physical performance of these ditches, or for any repairs, changes, or alternations to them. Providing for District the authority to enter where the subject ditches are located in order for the District to perform its services as provided under the Agreement. He stated staff anticipated this inspection work could be done with existing staff in combination with existing

182 summer interns and would be a revenue neutral program. He stated staff was recommending that the Board of
183 Managers approve the Cooperative Agreement for inspection of City of Blaine private ditch systems and
184 authorizes the Board president to execute the agreement, with any final non-material changes and/or on advice of
185 District Counsel.
186

187 **Motion by Manager Waller, seconded by Manager Ogata, to approve the attached Cooperative Agreement for**
188 **Inspection of City of Blaine private ditch systems and authorize the Board president to execute the agreement,**
189 **with any final non-material changes and/or on advice of District Counsel.**
190

191 President Preiner asked for clarification. She asked what if there was something that the staff said really needed to
192 be done and the City did not want to do it. She asked if this excluded the District from doing anything further.
193 District Administrator Belfiori responded the requirements that the City of Blaine had was through the City's MS4
194 permit and the City would be required to inspect. He stated the District was providing an upfront inspection
195 service pursuant to the City's requirements and if there were any issues, it would be pursuant to the City of
196 Blaine's requirements and the City would be the responsible entity. He noted this was a private ditch system and
197 not a public ditch system.
198

199 Manager Haake stated she hoped the Administrator's comments would be in the minutes. She asked how long
200 and how often would there be summer interns for a neutral cost. She asked who would have to pay for additional
201 work if there were no summer interns. District Administrator Belfiori responded it was anticipated this would be
202 reviewed on an annual basis and there were terms that the District could terminate at any time. He stated if
203 either party had a concern regarding expenses, that would be attempted to be worked out, but if there was an
204 issue that would not be resolved, the contract could be terminated with notice.
205

206 Manager Waller stated one of the advantages for having the District involved in the inspection was because the
207 District has a working knowledge of the ditches and he believed the District was protected on the financial end.
208 He stated this would allow for greater integration of the systems.
209

210 Permit Coordinator/Wetland Specialist Tomczik noted the exhibit showing the private ditches part of it was
211 subject to the ditches no longer being public and he recommended the map be made a part of the annual review.
212

213 District Administrator Belfiori responded the map would be part of the packet for the annual review by the Board.
214

215 Manager Haake requested this be put in the minutes.
216

217 District Attorney Smith stated he believed the District Administrator adequately addressed the responsibility
218 issue.
219

220 **Motion carried 5-0.**
221

222 **4. Consider Houston Engineering, Inc. Task Order for Rule Revision Process.**

223 Administrator Belfiori explained the professional services to be provided are identified in the HEI document and
224 include: Development of an approach for standardizing the storm water and wetland portions of Rules; Analysis of
225 and recommendations for modifying RMP Rules relative to storm water management and possibly wetland
226 impacts; recommendation with regard to new volume control standards and Rule; and assist the District in
227 responding to comments resulting from the public notice / rule revision process.
228

229 District Engineer Deutschman stated at the Monday workshop there had been a lengthy discussion about the
 230 technical basis for the rule and the framework regarding the stormwater requirements. He stated he wanted to
 231 ask the Board before it was approved to make sure they were on the right path with the framework. He pointed
 232 out the framework and what they were looking at was one of the key things was revising when a permit had to be
 233 submitted. He stated this would help with the nuisance requirements. He stated this was one of the key focuses
 234 with revising the rule. He stated the other part was revising the stormwater components. The other important
 235 thing is that staff met with the Board of Water and Soil Resources (BWSR) and BWSR staff advised them to write a
 236 memorandum regarding the aspects of the wetland rules that were different. He stated most importantly was
 237 fixing the problems. He believed the rule would be written to fix some of the issues they were having in the
 238 District. He believed there would be multiple revisions to the rule, along with multiple meetings to coordinate the
 239 process.

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 241 Manager Haake asked if by coordinating things, would it make things less confusing and get in what the PCA
 242 wants. District Engineer Deutschman responded that would be part of the process.

243
 244 ***Motion by Manager Waller, seconded by Manager Wagamon, to approve the Houston Engineering request for***
 245 ***services with a total cost of \$37,134.00 as defined in Houston Engineering, Inc. task order 2012-20 dated June***
 246 ***13, 2012 and authorize the Board President to execute the document. Motion carried 5-0.***

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 248 **5. Consider Hugo Anoka/Washington Judicial Ditch 2 Maintenance Agreement**

249
 250 Administrator Belfiori explained the Memorandum of Agreement (MOA) was discussed at the joint City of
 251 Hugo/RCWD workshop on April 25, 2012, which related to requested revisions to the framework for
 252 reimbursement to Hugo for costs associated with maintenance on JD2. He noted the proposed MOA had been
 253 revised to include the total amount of funding available through the term of this agreement will not exceed
 254 \$200,000; at no point shall Hugo request reimbursement for more than the balance that exists in the account; and
 255 any funds remaining in the account at the end of the calendar year shall be carried over to the next calendar year.
 256 He stated staff was recommended Board approval of the attached Memorandum of Agreement Regarding
 257 Maintenance of Anoka/Washington Judicial Ditch No. 2 dated June 7, 2012 between the City of Hugo and Rice
 258 Creek Watershed District.

259
 260 ***Motion by Manager Waller, seconded by Manager Haake, to approve the Memorandum of Agreement***
 261 ***Regarding Maintenance of Anoka/Washington Judicial Ditch No. 2 dated June 7, 2012, between the City of***
 262 ***Hugo and Rice Creek Watershed District and authorize the Board President to execute the agreement, with any***
 263 ***final non-material changes and on advice of counsel. Motion carried 5-0.***

264
 265 Manager Waller noted the City of Hugo did not ask for any increase in funding.

266
 267 **6. Consider Water Quality BMP Cost Share Application (Water Resource Specialist Axtell Axtell)**

268 **a) A12-02: Lundberg Raingarden Retrofit (Rice Creek, Locke Lake)**

269 Water Resource Specialist Axtell explained Mr. Lundberg had received a curb-cut raingarden from the City of
 270 Fridley. He noted the raingarden was in need of maintenance, which Mr. Lundberg was responsible for and would
 271 be doing the maintenance on the raingarden. However, Mr. Lundberg was asking for a Rain Guardian chamber to
 272 be installed at the same time the maintenance is being done and is requesting the assistance through the RCWD
 273 BMP cost-share program. He noted improving pre-treatment would provide greater ease of maintenance for the
 274 landowner while preserving the storage capacity of the basin over a longer time period, resulting in greater
 275 functionality and better plant survival. He indicated installation of this pre-treatment system had become a

276 regular practice in some of the recent residential raingarden installations that the RCWD had been involved with.
277 He stated the Citizens Advisory Committee and staff supported the project.

278
279 ***Motion by Manager Waller, seconded by Manager Wagamon, to approve RCWD Water Quality BMP Cost-***
280 ***Share Contract A12-02 for Bruce Lundberg's raingarden retrofit project, up to \$800.00, not to exceed 50% of***
281 ***eligible project expenses, in accordance with established program guidelines.***

282
283 Manager Haake asked for clarification. She noted there were many raingardens going in on street reconstruction.
284 She asked if they were setting precedence if they allowed this type of a chamber to be put in on an existing
285 raingarden. She asked if the District was going to be responsible for maintenance. She thought this was the
286 homeowner's responsibility to do the maintenance. She stated she was worried about the future costs. Water
287 Resource Specialist Axtell responded the cost associated with this project did not include any of the maintenance
288 and replanting cost. He stated the request was to make a retrofit improvement to the basin. He noted Mounds
289 View was doing the turf spillways. From a BMP functionality, the pretreatment proposed was shown to be a far
290 superior way to manage the basin. He stated this was a voluntary expense and the landowner was making the
291 request and he believed it would be worthwhile.

292
293 President Preiner stated she understood Manager Haake's concerns that anyone who had a raingarden installed in
294 the past might come back to the District to put this type of a system in and then the District would be cost-
295 sharing for the system.

296
297 Manager Haake stated now when a street reconstruction was done many times something like this was figured
298 into the original cost and the City paid for it through property owner assessments. Now, it would be the District
299 paying for it, when it should have been figured into the original cost. She acknowledged while this was a better
300 way of doing a raingarden, she was concerned who ended up paying for it.

301
302
303 Manager Waller asked if this work would be done on the homeowner's property or in the right-of-way. Water
304 Resource Specialist Axtell responded it was in the right-of-way and was owned by the City.

305
306 Manager Ogata stated if seemed to him that if they approved it on the frontend, what is the harm in approving it
307 on the backend. He believed it would have cost the District the same amount either way.

308
309 President Preiner stated the issue was who should pay for it in the first place.

310
311 Manager Ogata asked if this should not qualify for a cost-share in the first place.

312
313 Manager Haake stated if the homeowner wanted something different other than turf, then the people came to
314 the District. She noted now with this new technology, this was all done on the City's property and the assessment
315 had already been done. She stated for a person to come at this point in time, she believed it was the City's
316 obligation also to pay for some of this.

317
318 President Preiner stated she did not have an issue with an individual, but she did if it was a City project where
319 assessments had been made.

320

321 Manager Waller stated the rules would need to be updated then also to include this new technology. He stated he
322 did not have an issue regarding this as it was an improvement, even though it is a retrofit and it was someone who
323 wanted to go beyond what was required.

324
325 Manager Haake stated in Mounds View at the time they were doing a raingarden, it was put into the overall cost
326 of the plan. She stated this was City property and the District gave them the leniency in the first place of coming
327 up with a way to deal with the water.

328
329 Manager Waller stated in the past he was not in favor of the raingarden program, but in this particular instance
330 this was a person who wanted to do something as an improvement. He noted in addition the landowner was
331 responsible for the maintenance of the garden and if the City or staff had to do the maintenance, it would cost a
332 lot more. He stated the small people did not receive a lot and that was one of the big things was that the
333 individual citizens would get a benefit and he did not have a problem with this.

334
335 Manager Ogata asked if the District had in the past paid for the landowner's labor as a part of the project. Water
336 Resource Specialist Axtell responded the landowner was not paid, but instead received an in-kind cost at \$10 per
337 hour. He stated as a practice, they always included contract labor, but most of the time the landowner would do
338 the work. He stated it was not abnormal that the labor costs were done this way.

- 339
- 340 **ROLL CALL:**
- 341 ***Manager Waller – Aye***
- 342 ***Manager Haake – Nay***
- 343 ***Manager Ogata – Aye***
- 344 ***Manager Wagamon – Aye***
- 345 ***President Preiner - Nay***

346
347 ***Motion carried 3-2.***

348
349 **b) R12-03: Smiths Medical Raingarden (Valentine Lake)**

350 Water Resource Specialist Axtell stated this project proposed construction of a larger raingarden from the western
351 part of the parking lot. He stated the applicant was generally looking for retrofit possibilities. He noted it was
352 almost entirely impervious surface, sitting up on a hill and there was no treatment of the area. He noted the
353 western portion of the property went into catch basins and then to storm sewers. He stated staff and the
354 Advisory Committee supported this request. He noted the relative higher cost was due to the fact that there were
355 heavier soils in this area as well as berming being required as it was sitting on a hill. The applicant would also be
356 doing a native planting.

357
358 Manager Ogata asked if native plantings would be done. Water Resource Specialist Axtell replied the plantings
359 would be put in with volunteers at their cost. They were not asking for a cost-share on the plantings.

360
361 Manager Waller asked how extensive the soil tests were. He asked if this would end up being tiled at some point.
362 Water Resource Specialist Axtell stated there would be more detailed soil testing done. He stated the goal would
363 be to get through the heavier soil surfaces. He noted an under drain was not in the plans now, but if needed it was
364 a \$100 to \$200 cost.

365
366 Manager Waller stated he wanted to take the approach that solved the problem in the initial phases. Water
367 Resource Specialist Axtell stated the soil would be looked at as part of the standard procedure.

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Motion by Manager Wagamon, seconded by Manager Ogata, to approve RCWD Water Quality BMP Cost-Share Contract R12-03 for the Smiths Medical raingarden project, up to \$4,558.21, not to exceed 50% of eligible project expenses, in accordance with established program guidelines. Motion carried 5-0.

President Preiner left the meeting at 11:00 a.m. and turned the meeting over to Manager Haake.

c) R12-04: Hermanek Raingarden (Mounds View, Rice Creek)

Water Resource Specialist Axtell stated this project aims to enhance an infiltration trench installed by the City of Mounds View by converting it to a raingarden. He stated the cost estimate was \$1,772.00 and the cost share request was \$886.00, not to exceed 50% of eligible project expenses.

Manager Waller asked if this was in the City's right-of-way. Water Resource Specialist Axtell responded it was in the right-of-way.

Motion by Manager Waller, seconded by Manager Wagamon, to approve RCWD Water Quality BMP Cost-Share Contract R12-04 for Amy Hermanek's raingarden retrofit project, up to \$886.00, not to exceed 50% of eligible project expenses, in accordance with established program guidelines. Motion carried 4-0.

d) R12-06 Gustafson Raingarden (Arden Hills, Lake Josephine)

Water Resource Specialist Axtell stated this project proposed a 350 square foot raingarden to intercept runoff largely from the neighboring property. He indicated Ms. Gustafson had received some RCWD cost-share assistance back in 2005 for a shoreline restoration project that remains a project highlighted by the District to this day. He indicated there were no concerns regarding maintenance. The total project cost was estimated to be \$2,338.16. He indicated the landowner and her son would complete the work, so the final cost-share total would likely be less than estimated. He noted there was significant run-off volumes occurring in this area and this would be an opportunity to treat some runoff before it went into Lake Josephine.

Motion by Manager Wagamon, seconded by Manager Ogata, to approve RCWD Water Quality BMP Cost-Share Contract R12-06 for Dawn Gustafson's raingarden project, up to \$1,169.08, not to exceed 50% of eligible project expenses, in accordance with established program guidelines. Motion carried 4-0.

e) W12-01: White Bear Yacht Club Lakeshore Restoration (White Bear Lake)

Water Resource Specialist Axtell stated this project proposed restoration of 310 feet of lakeshore at the White Bear Yacht Club on White Bear Lake. This application was for the first of two phases to complete a full restoration of the entire 575 linear feet of shoreline at the property. The existing shoreline was eroded and subject to substantial ice heaving damage. With the present low water level on White Bear Lake, access to the site with heavy equipment will be easier, less costly, and less damaging to the lake and the property. The first phase would include toe and slope stabilization components for just over 50% of the frontage. He stated the main concern of the Citizen Advisory Committee was the lake level, but if this is a good project, it should go forward because it cannot be assumed the lake levels will not go up in the future. He stated with the number of partners involved, the Citizens Advisory Committee recommended a 33% contribution instead of a 50% contribution and the funding be considered secondary to state cost-share. He stated staff and the Citizens Advisory Committee recommended approval.

413 Manager Wagamon stated Water Resource Specialist Axtell did a very good job in answering all of the CAC's
414 concerns and questions. He stated in the end, the CAC got around their concerns and the CAC believed because
415 there were a lot of public events held at this location the project would have a lot of public exposure.
416

417 Manager Waller stated he had visited the site and it does need some work, but when the cost-share programs
418 were built, a private person paid 50% and in the previous ones just approved, 50% was paid. He stated this was a
419 private organization and they are paying 25%, the RCWD was paying 33%, and the Washington Conservation
420 District through a state grant was paying 42%. He stated those proportions seemed to be out of whack. He stated
421 he was not saying the project did not need to be done, or that this was not the time to do it, but he believed the
422 private landowner should step up and pay half of the total expense. He believed that was consistent with how the
423 District had done cost-shares in the past. He stated the District asked the small people to come up with the cost
424 and he looked at this project the same way. He stated his concern was how the cost was proportioned and not
425 that the work should or should not be done. He wanted the Club to come up with 25% more of the money.
426

427 Manager Wagamon stated that was also a main concern of a few CAC members.
428

429 Permit Coordinator/Wetland Specialist Tomczik stated right now, phase 2 was unknown and the Yacht Club
430 might choose to pay the full cost of phase 2 themselves.
431

432 Water Resource Specialist Axtell stated the goal for phase 2 regarding the funding was to apply for an external
433 grant from the state. He stated should that be unsuccessful, he could not speak if the state would have cost-
434 sharing, but if not, they could come to the District for 50% of the cost for phase 2.
435

436 Manager Ogata stated they have had other partnerships with other entities in the past. He asked for information
437 regarding the cost-share funding caps at 50%.
438

439 Water Resource Specialist Axtell stated in the past they had the Rice Lake raingarden projects and they had 50%
440 into it or so and the Anoka Conservation District had some funds available also, so the landowner paid 25%. He
441 stated recently the last round of raingardens went in essentially at no cost to the landowner. He stated part of his
442 view was that the District would be opposed to using the District's funding to leverage it with other funding.
443

444 Manager Waller stated 75% of the cost for this project would come from the public and he had a philosophical
445 problem with leveraging the money so someone just went around collecting from different groups. He found that
446 inequitable when the small landowners had to pay the 50%. He stated the small landowner did not have the same
447 leverage and political ability to get additional funding. He stated he wanted the landowner to put in the 50%.
448

449 Manager Haake stated maybe they should grandfather this in and look at the policy at a future meeting.
450

451 Water Resource Specialist Axtell stated the only thing in the policy was that it could not be more than 50% cost-
452 share. He stated he did not know if the other state funding would be approved.
453

454 Manager Waller stated maybe this entire project was premature until the second phase was ready.
455

456 Manager Ogata stated he understood Manager Waller's concerns. He noted this was kind of looking at things
457 backwards. He stated this really was a policy decision and maybe this should be put down for a future workshop
458 discussion. He stated he had a lot of other questions also. He noted there were also many advantages to this
459 project.
460

461 Manager Waller stated the big problem was the ice that knocked into the shore. He stated the District had the
462 50% pay over rule, but it did not say the District had to pay 50%, but the District did require the landowner to
463 come up with 50% of the cost and not all landowners had the 50% funds to pay. He believed the project was just
464 not right yet.

465
466 Manager Wagamon stated he would also like to see this go to a workshop discussion.

467
468 Water Resource Specialist Axtell recommended if they were going to table this, was there an interest to see phase
469 1 and 2 come in together at the same time in the future, or a different funding scenario, etc.

470
471 Manager Ogata stated this really could not be decided until it was discussed at a workshop meeting.

472
473 **Motion by Manager Wagamon, seconded by Manager Ogata, to table this until it can be discussed at the**
474 **Board's July 9, 2012 workshop.**

475
476 Manager Waller stated he would like to personally see phases 1 and 2 together.

477
478 1st Vice-President Haake stated they should also review the policy.

479
480 Water Resource Specialist Axtell stated one of the reasons this was split into 2 phases was due to the cost. He
481 noted phase 2 would be significantly more expensive than phase 1, so if they saw this come back as a whole
482 project, they were anticipating the total cost could be \$70,000.00.

483
484 **Motion carried 4-0.**

485
486 **7. Consider Partial Payment (#3) for West Moore Lake Raingarden Project**

487 District Administrator Belfiori explained this pay request includes the installation of raingarden plants and
488 shredded hardwood mulch. He recommended approval.

489
490 **Motion by Manager Ogata, seconded by Manager Wagamon, to approve Cobalt Contracting, Inc. in the**
491 **amount of \$20,974.10. Motion carried 4-0.**

492
493 **8. Consider 2011 Abatement of Charges for Anoka County Ditch 15/Anoka-Washington Judicial Ditch 4**
494 **(ACD15/AWJD4) Water Management District**

495 District Administrator Belfiori stated this Resolution related to abatement of charges for 2011 ACD 15/AWJD 4
496 WMD for 8 parcels that were identified in the ACD 15/AWJD 4 WMD charge that were created as commonly
497 owned open space and are exempt and should be abated because the charge for the contributing drainage area is
498 already accounted for in the multi-family residential charge on the properties that are part of the development.

499
500 **Motion by Manager Ogata, seconded by Manager Wagamon, to approve Resolution 2012-18, Abatement of**
501 **Charges ACD15/AWJD4 Water Management District.**

502
503 **ROLL CALL:**

504 **Manager Waller – Aye**

505 **Manager Haake – Aye**

506 **Manager Ogata – Aye**

507 **Manager Wagamon - Aye**

508 **President Preiner - Absent**

509

510 **Motion carried 4-0-1.**

511

512 **9. Consider Check Register dated 6/13/2012, in the amount of \$57,145.52, prepared by HLB Tautges Redpath.**
513 **Motion by Manager Wagamon, seconded by Manager Ogata, to approve check register dated 6/12/2012 in the**
514 **amount of \$57,145.52, prepared by HLB Tautges Redpath. Motion carried 4-0.**

515

516 **ITEMS FOR DISCUSSION AND INFORMATION**

517 **1. Engineer's Report and Timeline.**

518 There were no updates by the District Engineer.

519

520 **2. Manager's Update**

521 1st Vice President Haake mentioned the upcoming MAWD Summer Tour on June 21-23 hosted by Prior Lake-
522 Spring Lake Watershed District.

523

524 **ADJOURNMENT**

525 **Motion by Manager Ogata, seconded by Manager Wagamon, to adjourn the meeting at 11:29 a.m. Motion carried 4-0.**

526

CONSENT AGENDA

The following items will be acted upon without discussion in accordance with the staff recommendation and associated documentation unless a Manager or another interested person requests opportunity for discussion:

Table of Contents

PERMIT APPLICATIONS REQUIRING BOARD ACTION

No.	Applicant Recommendation	Location	Plan	Type
12-040	City of Lino Lakes	Lino Lakes	Street & Utility Construction	CAPROC 5 items
12-041	City of New Brighton	New Brighton	Final Site Drainage	CAPROC 9 items
12-042	City of Lexington	Lexington	Street & Utility Construction	CAPROC 5 items
12-043	White Bear Township	White Bear Township	Final Site Drainage	CAPROC 4 items
12-045	Cummins Power Generation	Fridley	Final Site Drainage	CAPROC 3 items

It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as outlined in the above Table of Contents in accordance with RCWD staff and District Engineer's Findings and Recommendations dated June 8, 2012; June 11, 2012; June 12, 2012; and June 18, 2012.

**RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA**

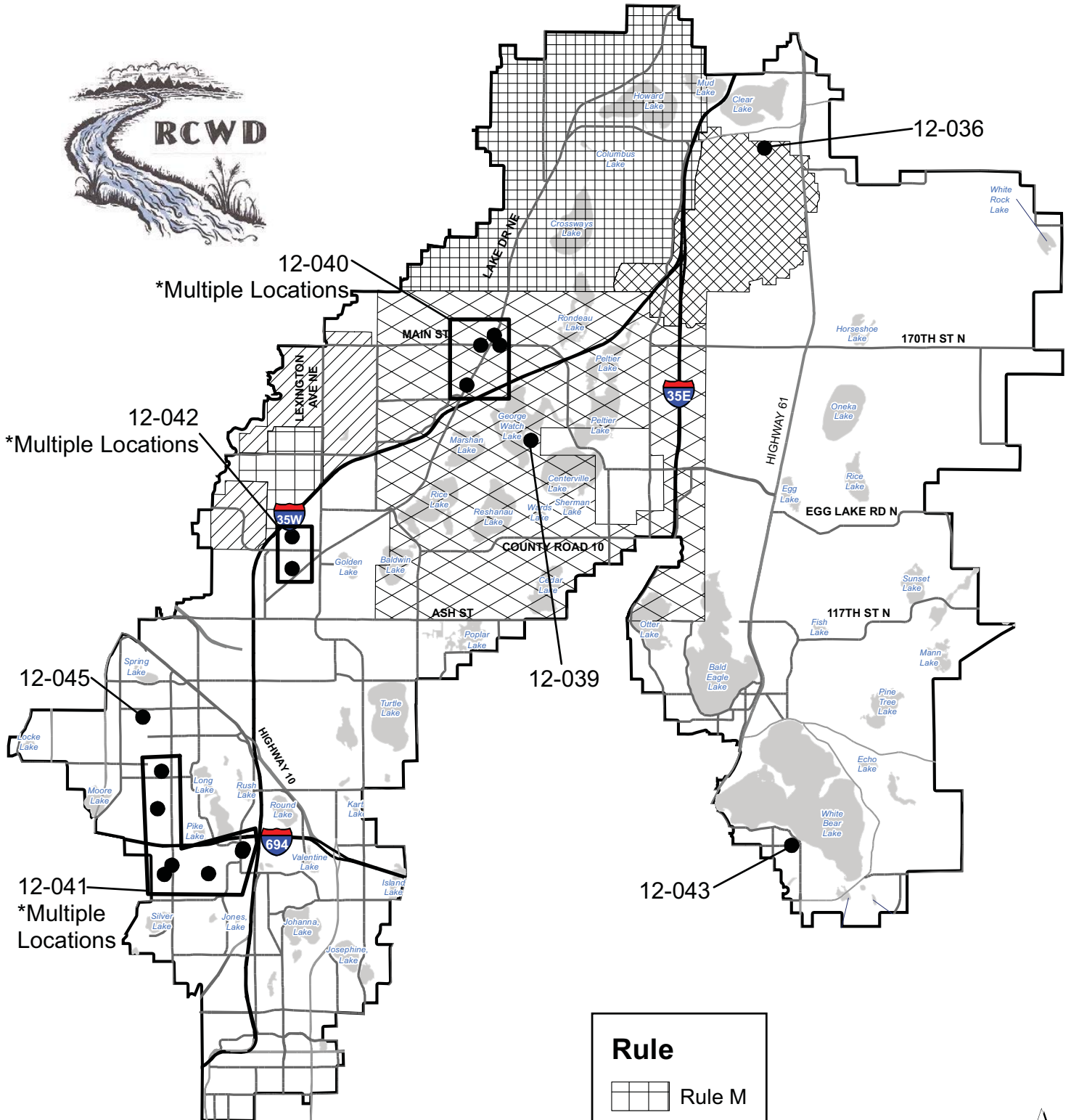
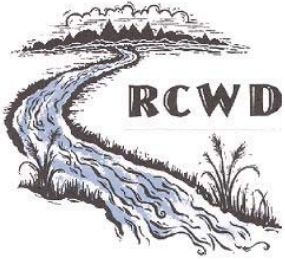
June 27, 2012

It was moved by _____ and seconded by _____ to Conditionally Approve Pending Receipt Of Changes the Permit Application 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 Reports, dated June 8, 2012; June 11, 2012; June 12, 2012; and June 18, 2012.

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<u>Permit Application No.</u>	<u>Applicant</u>	<u>Page</u>	<u>Recommendation</u>
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12-040	City of Lino Lakes	22	CAPROC
12-041	City of New Brighton	27	CAPROC
12-042	City of Lexington	31	CAPROC
12-043	White Bear Township	35	CAPROC
12-045	Cummins Power Generation	38	CAPROC

Rice Creek Watershed District



12-040
*Multiple Locations

12-042
*Multiple Locations

12-045

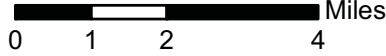
12-041
*Multiple Locations

12-039

12-043

12-036

Rule	
	Rule M
	RMP-1
	RMP-2
	RMP-3
	RMP-4



Permit Reviews
6/27/2012 Agenda



Permit Application Number:

12-040

Permit Applicant Name: Lake Dr. and Main St. and Birch St. and Ware Rd. Intersection Improvements

Applicant:

Michael Crochala
Community Development Director
600 Town Center Parkway
Lino Lakes, MN 55014
Ph: 651-982-2427
Fx: 651-982-2499
Michael.grochala@ci.lino-lakes.mn.us

Consultant:

Matt Wassman
TKDA
444 Cedar Street, Suite 1500
Saint Paul, MN 55101
Ph: 651-292-4631
Fx: 651-292-0083
matt.wassman@tkda.com

James Studenski
TKDA
444 Cedar Street, Suite 1500
Saint Paul, MN 55101
Ph: 651-292-4503
Fx: 651-292-0083
jim.studenski@tkda.com

Project Name: Lake Dr. and Main St. and Birch St. and Ware Rd. Intersection Improvements

Purpose: Intersection Improvements including mill and overlay, some widening for turn lanes, signal installation, and storm water improvements.

Site Size: 38,101 ± S.F. new impervious surface, 59,712 ± S.F. reconstructed impervious surface (not including mill and overlay), 5.01 acres of total disturbed area.

Location: multiple street sections in Lino Lakes. See Table in Finding 1.

T-R-S: Sections 4, 5, 8, 9, 29, 30, T31N, R22W

District Rule: RMP-3, 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. Submit the following information per Rule D.4:

(c) Provide the name and contact information of the successful bidder of the project, or indicate if City of Lino Lakes will construct the project.

(g) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).

Administrative

2. Permit application must contain bidder contact information and signature.

3. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.

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.
5. The applicant has indicated that the 473 Birch Street property is to be purchased by Anoka County. The structure on this property is to be demolished and the BMP constructed at this location. Proof of ownership must be provided before construction of the BMP.

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. Birch Street pond grading plan (sheet 38) dated and received 6-6-2012. Replaces grading plan from 5-18-2012 plan set.
2. Plan sets containing 78 sheets and 63 sheets printed on 04-30-2012 and received 5-18-2012.
3. Permit application, dated 05-17-2012 and received 05-18-2012.
4. Permit application checklist, no date, received 05-18-2012.
5. A letter indicating no threatened or endangered plant species within the Haakenson site, dated 05-20-2012
6. Drainage area maps and tabular summaries, no date, received 05-18-2012
7. Geotechnical Exploration and Testing Report, dated 04-30-2012, received 05-21-2012
8. Soil boring location map, dated 03-22-2012, received 05-30-2012.
9. Soil boring logs, dated March 2012, received 05-21-2012.
10. Sieve/Hydrometer Analysis Test Results, dated 04-30-2012, received 05-21-2012.
11. HydroCAD Model Output (2-yr and 100-yr 24-hr Rainfall), printed 5-16-2012, received 05-21-2012.
12. HydroCAD Model Output (10-day snowmelt), printed and received 5-31-2012.

Findings:

1. Description – The proposed project is classified as a public linear roadway project, which will consist of mainly milling and overlaying the existing pavement. Reconstruction will take place on the North side of Main Street from Lake Drive to approximately 370 feet west of Lake Drive, along the east side of Lake Drive from approximately 150 feet south of Kelly Street to approximately 250 feet south of Main Street, and on the west side of Lake Drive from approximately 330 feet south of Main Street to approximately 150 feet south of Main Street. New impervious surface will be created due to the construction of turn lanes needed for safety. The project is located in Lino Lakes. The table below summarizes the locations of the proposed work.

Location	Bounding Cross Streets	New Impervious Surface	Reconstructed Impervious Surface
Birch Street and Ware Road	Lakota Tr to Totem Tr	8,313 SF	19,906 SF
Sioux Lane	Sioux Lookout to Hokah Drive	8,793 SF	
Lake Drive and Main Street	81 st St W to 77 th St W Aenon PI to Elbe St	20,995 SF	39,806 SF
Total		38,101 SF	59,712 F

The Lake and Main infiltration pond outlets to the east at an elevation of 909.0. The discharge flows east and enters a private drainage system and eventually enters George Watch Lake. The Birch street infiltration pond outlets to the east into an arm of Rice Lake.

2. Stormwater – The project is located within RMP-3. Rule RMP-3 subsection 3(d)(ii) partially exempts public linear roadway projects not part of an industrial, commercial, institutional or residential development, thus the stormwater quality and infiltration requirements of Rule C apply in place of subsection 8(b) and (c) of RMP-3 for this project.

The proposed project is classified as a public linear roadway project with less than one acre of new impervious surface. The project will be served by two two-cell ponds. The first cell is for pretreatment; the second cell is an infiltration pond. Birch Street, Lake Drive, and Main Street fall under the arterial, county road or highway requirements of table 5(f). Sioux Lane falls under the collector, subcollector, or access requirements of table 5(f). The table below lists a summary of the stormwater requirements for the project:

Location	New Impervious Surface (S.F.)	Reconstructed Impervious Surface (S.F.)	Infiltration Volume Requirement (inches)	Volume Requirement (C.F.)
Birch Street(CSAH 34) and Ware Road	8,313	19,906	1.0	2,352
Sioux Lane	8,793		0.8	586
Lake Drive (CSAH 23) and Main Street (CSAH 14)	20,995	39,806	1.0	5,067
Totals	38,101 SF	59,712		8,005

Per Rule C.2(g) the mill and overlay sections of the project do not require stormwater treatment.

The Volume Requirement for the new impervious surface and the reconstructed areas of the project will be met through the BMP's listed below:

Description	Location/Intersection	Pretreatment:	Volume provided (C.F.)
Two-cell infiltration pond	NW Corner of Birch Street and Totem Trail	1 st cell of pond	8,382
Two-cell infiltration pond	NE Corner of Main Street and Lake Drive	1 st cell of pond	7,226
Total			15,608

The applicant provided calculations indicating an infiltration volume requirement of 2.8 inches rather than 1.0 inches for the Lake Drive and Main Street location, however the volume provided meets requirements of District Rule C.5.

The applicant submitted soil boring data for each infiltration and pretreatment pond. The following table summarizes the provided data:

Boring No.	Location	Surface Elevation	Boring Depth (feet)	Infiltration Feature Bottom Elevation	Estimated Seasonal High Water Table	Material Description
B-1	Birch Street Pretreatment Pond	896.0	10	891.0	887.0	SM, SP-SM
B-2	Birch Street Infiltration Pond	890.3	10	890.0	887.0	OL, OL/OH, SP-SM
B-3	Lake and Main Pretreatment Pond	909.9	10	908.0	889.0	SM, SP-SM
B-4	Lake and Main Infiltration Pond	910.8	12	906.0	889.0	SP-SM, SM,

The soil boring logs show the groundwater elevation is 3-feet or greater below the bottom of the infiltration features. The soil consisted mostly of silty sand and sand with silt which agrees with the hydrologic soil type of A or B. Infiltration rates used to calculate the 48 hour drawdown time were consistent with Table C1 of District Rule C.

Boring log B-2 located near the infiltration feature at Birch Street indicates organic silt and organic clay soils to a depth of 2.5 feet that would not provide the required 48 hour drawdown time, however the applicant indicated that the infiltration feature will include 30 inches of imported filtration material that will replace this restrictive soil layer and allow for the proper drawdown time. Based on the data provided, the District Engineer finds requirements of C.8(a) are satisfied.

The applicant provided a HydroCAD model that included the 2-year and 100-yr, 24-hr rainfall event and the 7.2-inch 10-day snowmelt event for existing and proposed conditions for the project. Stormwater runoff rates for the proposed project at the site boundary, in aggregate, must not exceed existing runoff rates for the critical 2-year and 100-year frequency (or 10-day snowmelt). The peak flow will not increase, sufficient to cause adverse down gradient impact, at any discharge point from the site. The submitted HydroCAD analysis shows that the rate control requirements of District Rule C.6 have been met.

There are no structures within the contributing drainage areas of the basins, thus applicant has complied with the freeboard requirements of Rule C.8(e).

3. Wetlands –No wetlands are located within the project area.
4. Floodplain –The district model indicates a floodplain elevation of 887.0 adjacent to the Birch Street pond, however no fill will be placed in the floodplain. District Engineering finds the requirements of Rule E have been met.
5. Erosion Control – Proposed erosion control methods include phased construction, temporary mulch, temporary erosion control blanket, silt fence, storm drain inlet protection, culvert inlet and outlet protection, filter logs, and rock construction entrances. An NPDES permit is required for the project. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD 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 – Construction of trunk sanitary sewer and watermain on Lake Drive from I35W to 500ft North of Main Street and from Nancy Drive to Lake Drive and on 79th Street from Lake Drive to 1300+ feet east was reviewed under permit 99-085.

Reconstruction and widening of of Lake Dr. and of Apollo Dr. (Lake Dr. from I-35W to 600 ft north of 77th St, and Apollo Dr from 100 ft west of Lake Dr. to 700 ft east of Lake Drive) was reviewed under permit 02-031.

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

Lisa Odens 6-18-2012

Lisa Odens, EIT
ND Cert. No 12138

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.

Greg Bowles 6-18-2012

Greg Bowles
MN Reg. No 41929



Permit Application Number:

12-041

Permit Applicant Name:

City Project 12-3, Pavement Management Program, New Brighton

Applicant:

Grant Wyffels
City of New Brighton
803 Old Highway 8 NW
New Brighton, MN 55112
Ph: 651-638-2053
Fx: 651-638-2044
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Dustin Lind
City of New Brighton
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Project Name: City Project 12-3, Pavement Management Program, New Brighton

Purpose: FSD – Final Site Drainage; Overlay the parking lots at the Control Valve Station and Well #8, Overlay the court at Meadow Wood Park, Reconstruct the parking lots at Driftwood Park and Hansen Park, Dredge Golden Pond, reconstruct the parking lot, overlay trails and construct a new trail at City Hall.

Site Size: Various, see table under Finding 1.

Location: Various, see table under Finding 1.

T-R-S: Sections 18, 19, 29, 30, T30N, R23W

District Rule: C, D, E

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. Correct the 100-year HWL label on the City Hall bio-filtration basin.

Rule D – Erosion and Sediment Control

2. Applicant must show the location of the silt fence, at City Hall, Hanson and Driftwood Park locations.
3. Provide erosion control at Hanson and Driftwood Park parking lots to keep sediment on site, such as a rock construction entrance, or make provisions to sweep tracked dirt if necessary.
4. The applicant needs to provide additional erosion control information at the City Hall site, including the location and stabilization of the stockpile. The applicant must also make provisions to contain the sediment in the pond during the clean out.
5. Applicant must provide the name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.

Rule E – Floodplain Alteration

6. The drawing for East Hansen Park indicates a creation of a berm to elevation 880.5. It is unclear whether this will cause fill to be placed below the regulatory floodplain, which is 879.7 NAVD88 at that location. Applicant must verify that no fill will be placed, or mitigate in accordance with Rule E.

Administrative

7. Permit application must be signed by the successful bidder, or indicate if City of New Brighton will construct the project.
8. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.
9. 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.

Exhibits:

1. Plan set containing sheets 1-11 of 11 dated 5-17-2012 and received 5-18-2012.
2. Permit application, dated 5-18-2012 and received 5-21-2012.
3. Permit application checklist, no date, received 5-18-2012.
4. Project narrative, dated 5-17-2012 and received 5-18-2012.
5. Geotechnical Exploration Report, dated 4-17-2012 and received 5-18-2012.
6. HydroCAD reports for City Hall, Driftwood and Hanson Park East containing the proposed 2-year and 100-year rainfall events.

Findings:

1. Description – The applicant submitted information for projects at six different municipal sites within the City of New Brighton. See the table below:

Site	Location	Work Description	Disturbed Area
City Hall parking lot	803 Old Highway 8 and Veterans Park	Reconstruct parking lot behind City Hall, Overlay trails and clean out Golden Pond in Veterans Park	23,400 S.F.
Hanson Park East parking lot	SW of 13 th Avenue and 5 th Street NW	Reconstruct parking lot	12,000 S.F.

Site	Location	Work Description	Disturbed Area
Meadow Wood Park Hard Court*	Meadowwood Park (S of 21 st Street, W of 27 th Avenue)	Overlay of basketball court	0 S.F.
Driftwood Park parking lot	Driftwood Park (S of 5 th Street, W of Driftwood Road)	Reconstruct parking lot	7,245 S.F.
Well #8 parking lot*	600 Silver Lake Road	Mill and overlay of parking lot	0 S.F.
Control Valve Station parking lot*	1560 29 th Avenue	Mill and overlay of parking lot	0 S.F.

*The activities at these sites do not meet the definition of land disturbing, and thus do not require an RCWD permit. Well #8 also does not meet the size criteria of Rule 2(a) and (d). No further analysis will be done.

The projects are located throughout New Brighton, and ultimately drain to either RCD-2, or the natural channel between Lakes Johanna and Long. The project will not increase the amount of the impervious area, and only three of the sites will have disturbed area which trigger RCWD rule.

2. Stormwater – The City Hall parking lot, Hanson Park East parking lot and Driftwood Park parking lots meet the size criteria of Rule 2(a), and the work on is classified as a redevelopment, with no increase in impervious area. The work will not disturb more than 50% of the impervious area on any of the sites. Thus the Water Quality and Volume (hereafter Volume) requirement is 0.8-inches over the disturbed impervious area. The table below summaries the Volume requirements and the BMPs for each site.

Proposed BMP Description	Location	Pretreatment:	Volume required/ provided (C.F.)
City Hall bio-filtration basin	North of parking lot	Rip-rap settling area	1,611±
Hanson Park East bio-filtration	West of parking lot	Rip-rap settling area	610±
Driftwood Park parking bio-filtration	East of parking lot	Rip-rap settling area	392±

All three basins are sized to treat the contributing run-off from the 0.8-inch event of their respective drainage areas, in accordance with Rule 5(c).

Infiltration is not considered feasible at any of the sites. Groundwater was encountered less than 3-feet below the bottom of the City Hall bio-filtration basin, high groundwater (less than three feet below the surface) as well as peat soils were encountered at the Hanson Park site, and HSG D soils were present at the Driftwood Park site. The above pre-treatment measures are adequate for the basins. Thus the applicant has complied with the Rule C.5 Volume requirement for each site.

The applicant did not include the existing conditions or the snow-melt hydrologic models; however there is no increase in impervious area at any of the sites, nor have the stormwater flow patterns been altered. Given that the basic inputs have not changed from the existing to proposed

conditions a model would indicate the same flow rates under existing and proposed conditions, which in complies with the RCWD Rule C.6.

The basins comply with the freeboard requirement of Rule C.8(e).

3. Wetlands – There are no wetlands located within any of the project area.
4. Floodplain – The drawing for East Hansen Park indicates a creation of a berm to elevation 880.5. It is unclear whether this will cause fill to be placed below the regulatory flood plan, which is 879.7 NAVD88 at that location. Applicant must verify that no fill will be placed, or mitigate in accordance with Rule E. The remaining sites are not in or near a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods at all sites include inlet protection and rip rap rock. A rock construction entrance is provided at the City Hall site. None of the sites will individually disturb more than an acre. Thus an NPDES permit not is required for the project. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD 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 these locations.

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.

 6/8/2012

Greg Bowles
MN Reg. No 41929

 6-8-12

Katherine MacDonald
MN Reg. No 44590



Permit Application Number:

12-042

Permit Applicant Name:

City of Lexington – Hamline Avenue

Applicant:

Dot Heifort
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Consultant:

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steve.winter@bdmce.com

Project Name: Hamline Avenue

Purpose: S&UC - Street and Utility Reconstruction, Rehabilitation of Hamline Avenue

Site Size: Approximately 3,100 feet of road reconstruction, 2.16 acres of reconstructed impervious area and 0.028 acres (1,239 square feet) of new impervious area

Location: Hamline Avenue from Patriot Lane to Edgewood Road, Lexington

T-R-S: SE and SW ¼, Section 26, T31N, 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. Provide clear identification of all stormwater treatment BMPs on the construction plans.

Rule D – Erosion and Sediment Control

2. Submit the following information per Rule D.4:
 - (b) Tabulation of the construction implementation schedule.
 - (c) Name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
 - (d) Clear identification of all temporary erosion and sediment control measures which will remain in place until permanent vegetation is established. Examples of temporary measures include, but are not limited to: seeding with perennial vegetation, mulching, sodding, silt fence, erosion control blanketing, and stormwater inlet protection devices.
 - (f) Clear Identification of staging areas, as applicable.
 - (g) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA).
 - (h) A Storm Water Pollution Prevention Plan for projects that require an NPDES Permit.

Administrative

3. 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.
4. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.
5. Permit application must be signed by the successful bidder.

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. Draft Construction Plan Set (including Title, Location Map, Typical Sections, Street and Utility Plans (8), Cross Sections and Earthwork (7), and Detail (2) Sheets) dated 6-12-2012 and received 6-11-2012.
2. Permit Application Form, dated 5-18-2012 and received 5-18-2012
3. Permit Application Letter dated 5-18-2012 and received 5-18-2012.
4. HydroCAD Calculations not dated and received 6-8-2012.
5. Exhibits 1, 2, 3 and 4 not dated and received 6-8-2012.
6. Soil Boring Information dated 2-20-2006 and received 6-8-2012.
7. Revised HydroCAD Calculations not dated and received 6-11-2012.
8. Exhibits 1, 2 and 5 not dated and received 6-11-2012.
9. Outlet Casting Detail not dated and received 6-11-2012.
10. Permit Application Memorandum dated 5-18-2012 and received 6-11-2012.
11. Revised HydroCAD Calculations not dated and received 6-13-2012.
12. Revised Exhibit 5 not dated and received 6-13-2012.

Findings:

1. Description – The proposed project is classified as a street and utility reconstruction project, which will result in approximately 2.16 acres of reconstructed impervious area with a minor amount of new impervious area. The project is located on Hamline Avenue in the City of Lexington between Patriot Lane and Edgewood Road. The project is approximately 3,100 feet in length.

The project site is tributary to Anoka/Ramsey Judicial Ditch 1 Branch 2 which enters Rice Creek upstream of County Road I in Shoreview.

2. Stormwater – The project is proposed to be served by a combination of infiltration and filtration BMPs. The water quality and volume control requirement is based on Rule C.5(f). For the reconstruction of a collector, subcollector or access road the infiltration requirement is 0.8-inches over the reconstructed surface and directly connected impervious surfaces within the project corridor. Hamline Avenue falls within this category. The new and reconstructed impervious area is 2.19 acres and the directly connected impervious area is approximately 0.42 acres for a total of 2.61 acres of impervious area requiring water quality and volume control. Rule C.5(f) requires that the runoff from the new and reconstructed impervious area and the directly connected impervious area within the project corridor receive water quality and volume control. The total water quality and volume control requirement is 6,821 cubic feet using the 0.8-inch rainfall requirement over the new and reconstructed impervious area and directly connected impervious area with a runoff coefficient of 0.9. The combined storage volume available within the 4 infiltration BMPs and 1 filtration BMP is 10,521 cubic feet. The proposed BMPs are located within the existing ditch system immediately to the west of Hamline Avenue. The proposed stormwater BMPs provide adequate volume control and water quality treatment to comply with District Rule C.5(f). The applicant has requested to create a volume credit from the surplus volume control on the project. The total infiltration volume in the proposed BMPs is 7,376 cubic feet. Since the volume control requirement is 6,821 cubic feet, the excess volume control amount of 555 cubic feet is available for a volume credit.

Proposed BMP Description	Location	Pretreatment:	Treatment provided
Infiltration Basin	Sta 6+50 to 7+00 West of Road	Riprap Sump	1,045 cubic feet
Infiltration Basin	Sta 8+00 to 12+50 West of Road	Sump Manhole	5,342 cubic feet
Filtration Basin	Sta 13+00 to 17+00 West of Road	Riprap Sump	3,145 cubic feet
Infiltration Basin	Sta 19+50 to 28+00 West of Road	Sump Manhole	215 cubic feet
Infiltration Basin	Sta 28+75 to 30+25 West of Road	Riprap Sump	774 cubic feet

The project soils are primarily silty sand and poorly graded sand according to the provided soil boring. The soils are favorable for infiltration BMPs. Submitted soil borings show groundwater elevations between 902.5 and 905. The proposed bottom elevation of the BMPs range from 906 to 908. The BMP located near the estimated 905 elevation groundwater soil boring does not meet a minimum of 3 feet of separation from the bottom of the BMP to the seasonal high groundwater table as required in Rule C.8(a)3, therefore an underdrain will be installed. The applicant is proposing to meet the volume control and water quality treatment consistent with the preferred stormwater management methods in Rule C.5(e). Pretreatment will be provided by

sump manholes for storm sewer outlets or riprap sumps at the end of curb cuts for the infiltration BMPs in compliance with Rule C.8(a)1.

The applicant has provided calculations that demonstrate the ability of the infiltration and filtration BMPs to drawdown with the require 48-hours following the storm event in compliance with Rule C.8(a)2.

A hydrologic model was provided to verify that the peak rate of runoff from the site is not being increased for the 2-year and critical 100-year, 24-hour events as well as to identify the 100-year flood elevations on the proposed stormwater BMPs. The applicant has provided a HydroCAD model including the 2- and 100-year, 24-hour events and the 100-year 10-day snowmelt event. The peak rates of runoff under proposed conditions are equal to or less than the existing conditions in compliance with Rule C.6.

The proposed stormwater management BMPs are to be built within the existing ditch system and the project will not cause either an increase in peak rate of discharge or runoff volume to the basin since drainage patterns have not been altered. The District freeboard requirements do not apply as no change in the existing peak water elevations occur as a result of the project.

3. Wetlands – There are no wetlands located within the project area.
4. Floodplain – There are no regulatory floodplains at the project.
5. Erosion Control – The applicant has identified inlet protection devices and silt fence in the construction plans for erosion and sediment control. An NPDES permit is required for the project and a copy of the application must be provided. Information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD Rule D requirements.
6. Documenting Easements and Maintenance Obligations – 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.
7. Previous Permit Information – No previous permit information was found for this site. Permit 10-001 was for the reconstruction of 95th Ave./Lovell Road west of Hamline Avenue. Permit 10-001 utilized biofiltration and NURP ponding to meet water quality and rate control requirements. Soil borings from that project were used identify soil types and groundwater elevations for this permit application. Permit 06-035 for the Blaine Preserve Business Park is located to the west of Hamline Avenue north of 95th Ave./Lovell Road.

 6-20-2012

Greg Bowles
MN Reg. No 41929

 6-20-2012

Joe Lewis
MN Reg. No 46215



Permit Application Number:

12-043

Permit Applicant Name:

White Bear Township – Lift Station No.1 Replacement

Applicant:

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Project Name: White Bear Township – Lift Station No.1 Replacement

Purpose: Final Site Drainage (FSD); Replacement of existing lift station, valve vault and installation of a new access drive.

Site Size: Total lot size 0.65 ± acres; existing and proposed impervious area is 196 SF and 1,274 SF, respectively. Disturbed area within the project boundary is 0.11± acres.

Location: Intersection of County Road F and Portland Avenue

T-R-S: NE ¼, Section 25, T30N, R22W

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. 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.

(d) Clearly identify all temporary erosion and sediment control measures which remain in place until permanent vegetation is established.

Administrative

2. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.

3. 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.
4. Permit application must contain bidder contact information and signature

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. Plan set containing 8 sheets (C000-C500 and E001-E008), dated 5-18-2012, received 5-18-2012.
2. Permit application, dated 5-18-2012 and received 5-18-2012.
3. Permit application checklist, no date, received 5-18-2012.
4. Drainage Area Maps, dated 5-18-2012, received 5-18-2012.
5. HydroCAD Model Output, dated 5-18-2012, received 5-18-2012.
6. Wetland Delineation Report, dated 5-25-2012, received 5-29-2012

Findings:

1. Description – This permit application involves the replacement of an existing liftstation, valve vault, and installation of a new access drive. The project is located within 1,000 feet of White Bear Lake. The project will increase the impervious area on the site from 196 SF to 1,274 SF within a total project area of 0.65± acres. An infiltration area with a grassed buffer is being constructed to treat the increased stormwater runoff.

Any overflow from the infiltration area will be directed and contained to existing generalized low areas within the site. These low areas overflow to the northeast into the street and eventually into White Bear Lake.

2. Stormwater – The project will be served by an infiltration area with a grass buffer. The project is classified as a redevelopment, which will increase the impervious surface by 1,078 SF. The project will disturb more than 50% of the impervious surface, and thus the Rule C.5 Water Quality and Volume (hereafter Volume) requirement for the project is 2.8-inches over the newly developed impervious area(1,078 SF) and 0.8-inches over the redeveloped impervious area(196 SF). Thus the Volume requirement for this project is 265 cubic feet.

The Volume requirement will be met through an infiltration area with grass buffer as described below:

Proposed BMP Description	Location	Pretreatment:	Volume provided
infiltration basin	Northwest corner of site	vegetated grass buffers	395 cubic feet

The Wetland Delineation Report completed by Graham Environmental Services, Inc. includes a soils narrative. A soil boring was taken at the existing small depression on the site. This is

approximately 30 feet northwest from the BMP. The soils were found to be loamy fine sands down to 24 inches and are characterized as 10YR 3/1 loamy fine sand over 7.5 YR 4/4 loamy fine sand, and thus infiltration is feasible below the fill material.

The soil boring only extended to approximately 2 feet below the BMP. The applicant indicated that there is a stormwater pond south of County Road F and west of Portland Avenue. This is approximately 250 feet southwest of the site. This pond was constructed in 2009 and has a bottom elevation of 921.0. During construction no ground water was encountered. The proposed infiltration feature has a bottom elevation of 931.0, which is 10' above the pond to the southwest. Based on the data provided, the 3 foot separation requirement has been met. The District Engineer finds the infiltration area meets the design criteria of Rule C.8(a).

The lift station is considered part of the storm sewer system and not a structure under the freeboard requirements. Thus there are no structures within the contributing drainage area of either basin, thus Rule C.8(e) does not apply.

The applicant provided a HydroCAD model output in compliance with Rule C.3. This model shows no increase in peak outflow from the site for the 2-yr and 100-yr 24-hr rainfall or 10-day 100-yr snowmelt events. The District Engineer finds the project is in compliance with District Rule C.6.


3. Wetlands – A Wetland Delineation was performed by Graham Environmental Services which determined that no wetlands are located within the project limits. The District engineer concurs in this determination.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – The Grading and Erosion Control Plan includes silt fence downslope of disturbed areas, seeding, and wood fiber blanket. The project will disturb less than an acre so an NPDES permit is not required for the project. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD Rule D requirements.
6. Documenting Easements and Maintenance Obligations – The 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 assisted in the preparation of this report under the supervision of the District Engineer.

 6/12/12

Lisa Odens, EIT
ND Cert. No 12138

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.

 6/12/12

Greg Bowles
MN Reg. No 41929



Permit Application Number:

12-045

Permit Applicant Name:

Cummins Power Generation - Building Addition

Applicant:

Jim Goodman
Cummins Power Generation
1400 73rd Avenue NE
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Consultant:

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Loucks Associates
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Maple Grove, MN 55369
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Project Name: Cummins Power Generation - Building Addition

Purpose: FSD – Final Site Drainage; Remove portions of existing bituminous and concrete pavements and construct approximate 3,870 A.F. building addition with associated site improvements.

Site Size: The site is approximately 68± acres with 0.23± acres of disturbed area and a 0.04± acre increase in impervious area

Location: 1400 73rd Avenue NE, Fridley

T-R-S: SW ¼, Section 12, T30N, R24W

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. Per Rule D.4(c), submit the name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.

Administrative

2. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.
3. The applicant must submit the appropriate cash surety amount of \$1,500 along with an original executed escrow agreement acceptable to the District. If the applicant desires an original copy for their records, then two original signed escrow agreements should be submitted.

Stipulations: None

Exhibits:

1. Plan set containing sheets C01-1, C1-2, C2-1, C3-1, and C8-1 dated and received 5-24-2012.
2. Permit application, dated 5-18-2012 and received 5-24-2012.
3. Permit application checklist, no date, received 5-24-2012.

4. Stormwater Management Plan containing narrative, 2-year, 100-year rainfall events, and the 10-day snowmelt and drainage maps for proposed conditions.
5. Permit files and 10-050 and 99-007.

Findings:

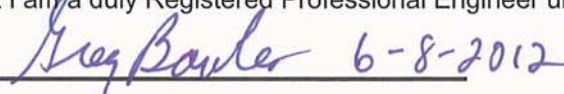
1. Description – The project is a site redevelopment on the Cummins Power Generation site, located at 1700 73rd Avenue NE in Fridley. The overall parcel size is 84± acres; the project will disturb approximately 0.23± acres to construct a new building addition. The project will increase the impervious area on site by approximately 0.04± acres, from 0.08± acres to 0.12± acres within the 0.23± acre construction limits of the project. Water from the site drains to two bio-filtration basins, and then is conveyed via the site storm sewer to a detention pond at the south portion of the adjacent property, which ultimately discharges to Rice Creek. The applicant has submitted a \$1,000 application fee, which corresponds to less than one acre of new/disturbed impervious surface.
2. Stormwater – The project will be served by two existing bio-filtration basins on site, constructed under permit 10-050. The Water Quality and Volume (hereafter Volume) requirement for the project is 2.8-inches over the new impervious area of 0.04± acres, for a total requirement of 365± cubic feet, using a 0.9 run-off co-efficient. The 0.08± acres of disturbed impervious area was previously accounted for under the 10-050 permit. The Volume requirement for permit 10-050 was 13,671± cubic feet. The Volume provided by the existing bio-filtration basins is 18,742± feet. This project drains to the two basins and the basins were sequenced, designed, and approved under the current 2008 Rules. Thus the District Engineer finds that the Rule C.5 Volume requirement has been met for the proposed project.

The project discharges has two key discharge points: to the east and to the south. Both rate and volume to the east will remain the same, or decreased slightly for all events. To the south, the projected will not increase the rates from pre-2010 permit conditions. The District Engineer finds the applicant to comply at the key points and in aggregate to with Rule C.6.

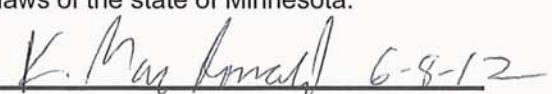
The project will remain in compliance with the freeboard requirement of Rule C.8.

3. Wetlands – There are no wetlands located within the project area.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods include silt fence, and inlet protection. An NPDES permit is not required for the project. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD Rule D requirements.
6. Documenting Easements and Maintenance Obligations – Easement and maintenance obligations for the existing basins were satisfied under Permit 10-050.
7. Previous Permit Information – Other projects were permitted on the Cummins Property under permit numbers 82-109, 88-102, 89-122, 91-159, 94-199, 09-077 and 11-070, however these permits are not directly related to the current application. The bio-filtration basins were constructed under permit 10-050. The site ultimately drains to storm water ponds on the adjacent south property, which were constructed under permit 99-007.

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.


_____ 6-8-2012

Greg Bowles
MN Reg. No 41929


_____ 6-8-12

Katherine MacDonald
MN Reg. No 44590

PERMIT APPLICATIONS REQUIRING BOARD ACTION

Table of Contents

No.	Applicant	Location	Plan Type	Recommendation
12-039	Anoka County Parks	Lino Lakes & Centerville	Final Site Drainage	VARIANCE/ CAPROC 7 items
12-036	Teamvantage	Forest Lake	Final Site Drainage	VARIANCE/ CAPROC 6 items

It was moved by Manager _____ and seconded by Manager _____, to approve permit applications _____ as outlined in the above Table of Contents in accordance with RCWD staff and District Engineer's Findings and Recommendations dated June 20 and 21, 2012.

RICE CREEK WATERSHED DISTRICT

June 27, 2012

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<u>Permit Application No.</u>	<u>Applicant</u>	<u>Page</u>	<u>Recommendation</u>
12-039	Anoka County Parks	42	VARIANCE/CAPROC
12-036	Teamvantage	55	VARIANCE/CAPROC

It was moved by _____ and seconded by _____ to Conditionally Approve Pending Receipt Of Changes Permit Application _____ accordance with the District Engineer’s Findings and Recommendations, as contained in the Engineer’s Findings and Recommendations, as contained in the Engineer’s Reports, dated June 20 and 21, 2012.

Rice Creek Watershed District
Permit Variance Operating Procedure
Board approved July 22, 2009

Background:

Rule L of the Rice Creek Watershed Districts Rules (Rule), dated February 13, 2008, provides for the consideration of requests for variances from the literal provisions of the Rule. Rule L states:

“The Board of Managers may hear requests for variances from the literal provisions of these rules in instances when their strict enforcement would cause undue hardship because of circumstances unique to the property under consideration.”

Purpose:

The purpose for this operating procedure is to document how variance requests will be processed and managed as part of the District’s permit program.

Rule Language:

1. VARIANCES AUTHORIZED. The Board of Managers may hear requests for variances from the literal provisions of these rules in instances when their strict enforcement would cause undue hardship because of circumstances unique to the property under consideration. The Board of Managers may grant variances where it is demonstrated that such action will be in keeping with the spirit and intent of these rules. Such a request must be addressed to the Board of Managers as part of a permit application and must address the four standards for variance consideration listed below.
2. STANDARD. In order to grant a variance the Board of Managers must determine that:
 - (a) Special conditions apply to the structure or land under consideration that do not apply generally to other land or structures in the District.
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 - (d) The intent of the District’s rules is met.

3. TERM. A variance shall expire on expiration of the CAPROC approval or permit associated with the variance request.

4. VIOLATION. A violation of any condition set forth in a variance shall be a violation of the District rules, and shall automatically terminate the variance.

Guidance:

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In evaluating practical difficulties raised by the applicant, the Board of Managers will consider the following factors:

- (a) How substantial the variation is in relation to the RCWD Rule requirement(s);
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Form of Variance Request:

A variance request must be submitted in writing to the Board of Mangers as part of a permit application. Permit applicants requesting a variance must use the attached “Variance Request Form (Exhibit A).

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Exhibit A
**Request for Variance
And
Statement of Hardship**

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Date: _____ **Permit #** _____

Applicant: Anoka County Parks and Recreation

Address: 550 Bunker Lake Blvd, NW

Telephone number: 763-757-3920

Property ID number:
16-31-22-41-0001
16-31-22-44-0001
15-31-22-33-0004
15-31-22-32-0002

RCWD Rule (circle applicable rule(s) to which variance is being requested):

A B C D E F G I J **RMP-3**

Description of project:

This project proposes to upgrade and improve the utility services at Rice Creek Campground. The campground was constructed in 1988 and accommodates 38 electric and water sites, and 40 rustic sites for a total of 78-sites. The campground also has a group camping area, RV dump station to dispose of waste, a water tank to fill their units with drinking water, restroom\shower facility, playground, campground host site and a maintenance facility. Currently, the existing restroom\shower facility and RV dump station utilize existing drain fields.

The proposed utility upgrades and improvements include taking the existing campground sanitary drain fields off-line and hooking them into the City of Centerville’s sanitary lines; existing electric service is to be upgraded throughout the campground; and water lines throughout the campground will be assessed and upgraded where needed. Other improvements include paving a small portion of the entrance roadway, removing a portion of the Group Camp/Loop C roadway, providing better access and improving the façade of the restroom/shower building.

Requirements of applicable rule(s) for which variance is being requested:

Section 7c

Requested Variance action:

Reduce the area of the required buffer to provide an area equivalent to an average buffer width of 25 feet. The minimum buffer width would be reduced to 0 feet in some areas. The buffer area would be distributed around the site to available areas as shown on the exhibit.

Statement of Hardship (include any mitigating circumstances).

The campsites were developed prior the RMP rules. In many cases the edge of the area utilized for camping is the wetland edge leaving no room for the required buffer. Providing the buffer would result in the loss of most of the camping sites. The County also needs to preserve some land in the park for maintenance activities.

How do you propose to meet the intent of RCWD rules?

It is proposed that a portion of undeveloped areas of the campground would be encumbered as buffer. The campground is a low impact user controlled by the County. The propose of the buffer for higher intensity developments is not necessary in this case. The campground is a unique use in in the RMP 3 area and would not be precedent setting for granting of variances.

Applicant name: Danielle Sanborn **Date:** 06-14-12

Applicant signature: *Danielle Sanborn*
Staff Findings (RCWD only)

Staff Recommendation (RCWD only)

MEMO

External Memorandum



Houston Engineering Inc.

To: Rice Creek Board of Managers

From: Kate MacDonald, P.E.
Greg Bowles, PE.

Date: June 20, 2012

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

Cc: Nick Tomczik

Danielle Sanborn, Anoka County Parks
Paul Cherne, Pioneer Engineering
Permit file 12-039

Subject: Variance Request for Permit 12-039 RCCOL
Campground
R12.5555-070-004.039

Background

Danielle Sanborn of Anoka County Parks, as the project applicant for the RCCOL Campground project has submitted a written request for a variance from Rice Creek Watershed District (RCWD) RMP-3 Rule 7(c), Vegetated Wetland Buffer and Upland Habitat Area (hereafter Buffer requirement) for the project. The District Engineer evaluated the variance request per RCWD Rule L for Permit 12-039 in the Request for Variance and Statement of Hardship (Exhibit A) dated June 14, 2012.

The District Engineer evaluated the variance request by applying the “practical difficulties” test set forth in the municipal variance statute and incorporated by prior-adopted policy into the District’s variance standard. This standard is applied through the Board of Managers’ consideration and weighing of the following criteria:

- (a) How substantial the variation is in relation to the RCWD Rule requirement(s);
- (b) the effect the variance would have on government services;
- (c) whether the variance will effect a substantial change in the character of the watershed resources or will be a substantial detriment to neighboring properties;
- (d) whether the practical difficulty can be alleviated by a feasible method other than a variance (economic considerations play a role in the analysis under this factor);
- (e) how the practical difficulty occurred, including whether the landowner created the need for the variance; and
- (f) whether in light of all of the above factors, allowing the variance will serve the interests of justice.

Some of the discussion relevant to these criteria has already been documented in the Engineer’s Report (ER) narrative. Rather than reiterate the ER discussion, it is the intent of this memorandum to incorporate the discussion by reference where necessary, and use this memorandum to indicate how it applies to the above criteria. Ultimately, the Board determines whether consideration of the above criteria supports approval of a variance. The text below reviews the technical aspects of the proposal as they relate to the above criteria. The Board may exercise discretion in analyzing the applicant’s compliance with the variance criteria – both generally and with regard to application of the individual variance (and other rule) criteria. The Board also may require input from legal counsel. Nothing herein should be construed as rendering a legal opinion.

The ER for the RCCOL Campground, dated June 20, 2012, finds that the applicant would need to provide a total of 15.62 acres of buffer, with a minimum width of 25-feet at all locations. The applicant has provided 7.85± acres, and has not met the 25-foot minimum width in all locations.

Evaluation of Criteria

Per practical difficulties criterion (a), the applicant has provided 50% of the full buffer requirement, and the 25-foot minimum where feasible. The applicant has maximized the amount of buffer without removing existing features of the campground. There is no curb and gutter in the project area, and water sheet flows over short lengths of impervious surface, (typically between 10 and 30 feet), therefore there are no concentrated flows within the project area, and the concentrated flow requirement of is not applicable. Other than RMP-3 Section 7(c), the applicant will meet the remaining provisions of the buffer requirement.

Per criteria (b), issuance of a variance for RCCOL Campground project is not expected to increase flooding (see criteria (c)) or have any negative effect on government services. The improvements to the campground will allow for easier maintenance and public use.

Per criteria (c), which sets the criteria for consideration of whether the variance will effect a substantial change in the character of resources within the watershed, the District Engineer used three criteria to assess substantial change: 1) water quality, defined the quantity of pollutants such as phosphorus and suspended sediment leaving the site and the potential for degrading water quality downstream; 2) the presence of and potential impact to special and impaired waterbodies as defined by various laws including the Minnesota Pollution Control Agency stormwater program, whether a water body is impaired and related designations including Wild and Scenic or Outstanding Natural Resource Value designations; and 3) flooding, the potential for flood damages or other adverse hydrologic impacts..

In assessing whether a substantial change in the character of the watershed resources may occur, we considered, not exclusively but as a measure of impact, the presence of and potential impact to the following:

- a 303(d) listed water body (i.e., an impaired water);
- a high quality or non-degraded wetland;
- a federally listed threatened or endangered species or state threatened, endangered or species of special concern and their critical habitat;
- a Scientific and Natural Area as defined by the Minnesota Department of Natural Resources;
- resources protected from nondegradation as identified within 7050.0180 Nondegradation for Outstanding Resource Value Waters; and
- Other generally sensitive resources.

George Watch Lake, which receives project drainage, is listed on the Section 303(d) impaired water list, for Nutrient/Eutrophication Biological Indicators. The project as a whole is not expected to cause adverse impacts. The increase in 0.588 acres of increased impervious area is spread through the 16± acre project area.

The campground is a low impact use, so the buffer would be playing less of a role in pollutant removal. Additionally, the project will remove a septic field, which would be a positive improvement for water quality. None of the other resources identified above are located immediately downstream of the site.

Per criteria (c) and whether issuing the variance has a negative effect to the neighboring properties, we applied the following criteria:

- Whether granting the variance causes or contributes to a change in the 100-year floodplain elevation immediately downstream of the project site;
- The potential occurrence of flood damages to adjacent properties;
- The anticipated increase in hardship downstream (e.g., caused by peak flow and flood duration); and
- Other similar related criteria.

The proposed variance is for the buffer requirements, which has minimal effect of flood elevations. The applicant has fully complied with the volume reduction measures required by RMP-3.

Per criteria (d) an assessment of whether the practical difficulty can be alleviated by a feasible method other than a variance (economic considerations play a role in the analysis under this factor) is necessary. The existing infra-structure was already in place prior to the RMP-3 implementation and placed closer to wetland edge the minimum 25-feet. The District Engineer finds that moving the infra-structure is not feasible.

Per criteria (e), consideration of how the practical difficulty occurred, including whether the landowner created the need for the variance requires consideration. The District Engineer finds that the current landowner did not cause the situation which lead to the implied practical difficulty. The need for this project and a variance was created by the need for campground improvements. The existing feature of the campground, which include the RV parking and camp areas, existing roads, and maintenance areas existed prior to the implementation of the RMP-3 rules.

In consideration of criteria (f), some determination of whether in light of all of the above factors, allowing the variance will serve the interests of justice is necessary. This criterion lies largely in the Board's domain as it involves judgments of a non-technical nature. Our criterion for assessing this portion of the practical difficulties standard is the ability or inability of other permit applicants with similar site conditions to comply with the RMP -3 Rule 7(c) buffer requirements. Other applicants have had the ability to feasibly meet this requirement onsite because the site constraints presented here were not evident.

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.

Greg Bowles 6-20-12

Greg Bowles
MN Reg. No 41929

K. M. MacDonald 6-20-12

Katherine MacDonald
MN Reg. No 44590



Permit Application Number:

12-039

Permit Applicant Name:

RCCOL Campground

Applicant:

Danielle Sanborn
Anoka County Parks
550 Bunker Lake Blvd.
Andover, MN 55304
Ph: 763-767-2864
Fx:
danielle.sanborn@co.anoka.mn.us

Consultant:

Paul Cherne
Pioneer Engineering
2422 Enterprise Drive
Mendota Heights, MN 55120
Ph: 651-681-1914
Fx: 651-681-9488
pcherne@pioneereng.com

Project Name: RCCOL Campground

Purpose: FSD – Final Site Drainage; Upgrade RV Park facility's utilities and campsites.

Site Size: Project area is approximately 16± acres, 0.588± acres of increased impervious area, 7.86± acres of disturbed area

Location: Parkway Road East, West of County Road 14 (Main Street), Lino Lakes and Centerville

T-R-S: SE ¼ of Section 15, SW ¼ of Section 16, T31N, R22W

District Rule: C, D, RMP-3

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. Per Rule D.4(c), provide the name, address and phone number of party responsible for maintenance of all erosion and sediment control measures.
2. Per Rule D.4 (g) & (h), provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA) and a Storm Water Pollution Prevention Plan.
3. Applicant must show stabilization measures at the overflow location of the BMPs.

Administrative

4. Permit application must be signed by the successful bidder, or indicate if Anoka County Parks will construct the project.
5. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.
6. 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 and buffer areas. The maintenance agreement must approve a provision prohibiting snow storage that directly runs to the wetland without adequate pre-treatment (minimum of 25-feet of vegetated sheet flow). See RMP-3, Section 8(e). Applicant must also convey an easement to the District that meets the requirements of RMP-3 Section 11.

7. If required by the City of Lino Lakes, the applicant must submit a draft legal document providing satisfactory form and description granting ponding and flowage easements over all onsite ponds, wetlands, and other hydrologic features. After approval, easements must be recorded on a receipt of recordation provided.

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 plan set containing sheets 1-15 of 15 dated 5-11-2012 and received 6-8-2012.
2. Wetland Buffer Exhibit (1 sheet) no date, received 6-8-2012.
3. Permit application, dated 5-10-2012 and received 5-11-2012.
4. Stormwater management plan dated and received 5-11-2012, containing narrative, drainage maps for existing and proposed conditions, and the 1-year, 2.3-inch rainfall event for existing and proposed condition, and geotechnical exploration report (dated 4-15-2011).
5. Revised Stormwater management plan dated and received 6-8-2012, containing narrative, drainage maps for existing and proposed conditions, and the 1-year, 2.3-inch rainfall event for existing and proposed condition.
6. Wetland Delineation Kjolhaug Environmental dated 9-15-2011 received 9-15-2011
7. WCA Notice of Application dated 9-20-2011
8. Kjolhaug Environmental Adjustments dated and received 10-12-2011
9. RCWD decision notice 11-30-2011
10. CCES Additional area wetland delineation 4-19-2012
11. WCA Notice of Application dated 4-23-2012
12. RCWD decision notice additional area 5-14-2012.
13. Resubmittal narrative dated and received 6-8-2012.
14. Vegetative management plan, dated and received 6-21-2012.

Findings:

1. Description – The proposed project at the Rice Creek Chain of Lakes Campground involves RV and campsite improvements, and utility improvements, which include abandoning the existing campground sanitary drain fields and hooking connecting into the City of Centerville's sanitary sewer. The total park size is approximately 5,500 ± acres, and the project area is approximately 16± acres, with 7.86± acres of disturbed area. The proposed project will result in a net increase of 0.588± acres of impervious area. The project is located primarily in Lino Lakes, with a small portion in Centerville. The project is adjacent and drains to George Watch Lake, which does not have an ordinary high water level listed by the MnDNR.

2. Stormwater – The vast majority of the proposed project is located within the RMP-3 Rule area. Given that the exact border boundary is not known, the project will be regulated under RMP-3 stormwater rules, which are the more restrictive. Thus the RMP-3 Section 8 replaces Rule C.5 for water quality and volume control.

RMP-3 – The first requirement is to retain the volume of run-off from the 2.3-inch 24-hour storm. The required volume for the project, based on the HydroCAD modeling is 0.078 acre-feet (AF).

The applicant is proposing 3 infiltration basins as described below:

Proposed BMP Description	Location	Pretreatment:	Volume provided
Surface infiltration basin	North of Loop "B" See plan sheet 9	Grass strip	0.113 AF (4922 C.F.)
Surface infiltration basin	NW corner of junction of main road 1 st road past the visitor center (See sheet 6)	Grass strip	0.019 AF (827 C.F.)
Surface infiltration basin	NE corner of junction of main road 1 st road past the visitor center (See sheet 6)	Grass strip	0.017 AF (740 C.F.)

The applicant has provided a total of 0.149 AF of treatment via infiltration. The basins are not located the septic field or any other known contamination and are adequate to meet the provisions of RMP-3 Section 8(b).

The provisions of Section 8(c) require an additional 0.5-inch of volume reduction from the impervious area (0.588± acres), totaling 0.025 AF. The applicant has met this requirement via upland restoration in the former septic field, which gives a credit of 0.85-inches / acres. This area contains 0.377 acres, which equals 0.027 AF, meeting the requirement.

Rule C.6 Rate control – The applicant has not submitted the 2-year, 100-year rainfall and snowmelt models to show compliance with Rule C.6, however as the applicant’s property discharges directly to either to George Watch Lake, or a large wetland complex which ultimately drains to George Watch Lake, the District Engineer finds that exception 11(b) applies, which exempts the project from Rule C.6 requirements and additional modeling is not necessary.

Rule C.8 Design Criteria – The applicant has complied with infiltration requirements of Rule C.8(a). The measures listed above provide adequate pretreatment. Soils on site are primarily HSG C soils (SC - clayey sands); however the basins are only 0.5-feet deep and expected to draw down within 48-hours. Soil logs indicated adequate separation from the know groundwater elevation. The site is not located in a DWSMA area.

The project meets the freeboard requirements of Rule C.8(e).

3. Wetlands –A wetland delineation was completed and approved for the subject property. The delineation was completed in two separate reports as the project developed in size and scope. The applicant proposes to exercise a utility exemption under the Wetland Conservation Act. The project will install water and sewer lines through separate wetlands and restore those areas to the pre-existing land contours and vegetation conditions.

The wetlands in the project area are within the landscape Wetland Preservation Corridor (WPC). Due to the large amount of wetlands on the property, the applicant has chosen not to submit MnRAM information to whether or not the wetlands are degraded, and instead to incorporate the wetlands into the final WPC. However, due to the existing features of the site, the applicant is unable to fully meet the buffer provisions of RMP-3 Section 7, which require average buffer width of 50-feet and minimum width of 25-feet at all locations. Given 13,605 feet of wetland edge, translates to 15.62 acres of buffer. The applicant has maximized the amount of buffer area available, but has only provided 7.85 acres. The applicant is also not able to meet the 25-foot minimum width at all locations. The applicant has requested a variance from the buffer requirements. The applicant has submitted a vegetated management plan acceptable to the District, satisfying the provisions of Section 7(b).

4. Floodplain – The regulatory flood plain of George Watch Lake is same as downstream Marshan Lake which is 887.0 (NAVD88). The project will not impact the regulatory floodplain.
5. Erosion Control – Proposed erosion control methods include silt fence, bio-rolls and rip rap. Applicant must state the amount of disturbed area. If the area is greater than 1 acre, an NPDES permit and SWPP Plan is required. The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD Rule D requirements.
6. Documenting Easements and Maintenance Obligations – 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 and buffer areas. The maintenance agreement must approve a provision prohibiting snow storage that directly runs to the wetland without adequate pre-treatment (minimum of 25-feet of vegetated sheet flow). See RMP-3, Section 8(e). Applicant must also convey an easement to the District that meets the requirements of RMP-3 Section 11.

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7. Previous Permit Information – A permit pre-application review occurred under file 11-024R. Wetlands on the project were delineated under file 11-059R. Work on the visitor center and trails occurred on permits 09-016 and 09-063.

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.

 6-21-12

Greg Bowles
MN Reg. No 41929

 6-2-12

Katherine MacDonald
MN Reg. No 44590

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Permit Variance Operating Procedure
Board approved July 22, 2009

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Date: June 13, 2012 **Permit # 12-036**

Applicant: Teamvantage, Ray Newkirk

**Address: 22455 Everton Avenue N.
Forest Lake, Minnesota 55025**

Telephone number: 651-464-3900

Property ID number: Lot 2, Block 1, DEPONTI FIRST ADDITION, Washington Co. Mn.

RCWD Rule (circle applicable rule(s) to which variance is being requested):

A B C D E F G I J RMP-2

Description of project:

The proposed project is located at 206th St. N. and Fenway Ave. N and is adjacent to Forest Lake Airport. The subject property located in the Airport Business Park area is owned by the City of Forest Lake and is being sold to Teamvantage. Teamvantage has been working with the City of Forest Lake for several months to select a site and construct a new facility for their growing company which is currently located in Forest Lake.

The total site area is 7.49 acres. The proposed project consists of the construction of a new building (93,300 SF) with adjacent parking. An existing wetland along the southeasterly property line will not be disturbed with the development. Approximately 39% of the developed property will be non-impervious surface. Impervious surfaces are collected and routed to proposed filtration areas which have been designed to meet Rice Creek Watershed District rate control and water quality requirements (for 2.8-inch rainfall event). Additional steps have been taken to include additional storm water treatment per the RMP – 2 rule; however, there is no reasonable opportunity to fully meet the 0.5-inch standard as stated in the RMP – 2 rule.

The most substantial difference from the RCWD’s general permitting rules and those in the RMP-2 rules is the framework to determine wetland replacement obligations when wetlands are filled or drained for development. There is no wetland fill or draining proposed with this development. This project is located at the most northerly fringe of the boundary established for the RMP-2 rule. It is our understanding that meetings and discussions between the Rice Creek Watershed District and the City of Forest Lake took place in 2008 regarding the northerly boundary as it affects the City. As a result of those discussions, an agreement was made between the Watershed and the City for the boundary that would be used to outline the limits of the RMP-2 rule area. Chapter 3 (Land Use) of the City comprehensive plan includes discussion of low density residential areas and cluster developments that would be encouraged to accommodate the goals outlined in the RMP-2 rules. Light industrial/commercial lots within the most northerly portion of the RMP-2 boundary would not be required to meet the RMP-2 rules. Significant infrastructure has been put in-place to serve these commercial lots and the RMP-2 rule requirements may eliminate them from feasible development. The comprehensive plan is attached and includes a zoning map and future land use map outlining the area the City agreed to include within the RMP-2 boundary.

Requirements of applicable rule(s) for which variance is being requested:

The applicant is seeking a variance from Rule RMP-2 that requires reducing runoff volume from an additional 0.5 inch rainfall over impervious surfaces. The measures allowed to meet this requirement are specific and different than those used in the general permitting rules.

RECEIVED
12-036
JUN 19 2012

Rice Creek
Watershed District

Requested Variance action:

The applicant is requesting that the RMP-2 rule be waived with the condition that there will be some measures of this rule implemented as outlined in the revised plans and calculations included in the latest submittal received by the watershed staff for approval.

Statement of Hardship (include any mitigating circumstances).

The proposed site was chosen to meet the needs of the proposed use. The general permitting rules of the RCWD were taken into account in shaping and designing the building and parking areas. The 33% of the site non-impervious is a conservative number for development. The office area and production areas are what is need for Teamvantage to meet its immediate and future needs. Any reduction in building space or parking areas would raise serious question as to whether a search for another site is required.

How do you propose to meet the intent of RCWD rules?

Even though rule RMP-2 includes hydrology in the RMP-2 area and how it relates to JD 4, we believe the greater intent of this rule was to work with development in wetland impact areas to benefit both the watershed and the developer. The general RCWD permitting rules address hydrology in volume control and rate control. In proposed development areas within the RMP-2 boundary where wetlands are included in permitting, it provides opportunity to satisfy the 0.5 inch volume control using the options of reestablishment of effectively drained wetlands and floodplain meadows or restoration of degraded wetlands. These options are not available if you are not impacting/working with any wetlands.

Applicant name: Ray Newkirk

Date: 6-18-12

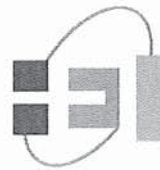
Applicant signature: Ray Newkirk

Staff Findings (RCWD only)

Staff Recommendation (RCWD only)

MEMO

External Memorandum



HoustonEngineering Inc.

To: Rice Creek Board of Managers

From: Kate MacDonald, P.E.
Greg Bowles, P.E.

Date: June 20, 2012

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

Cc: Nick Tomczik
Ray Newkirk, Teamvantage
Adam Ginkel, Plowe Engineering
Permit file 12-036

Subject: Variance Request for Permit 12-036
Teamvantage
R12.5555-070-004.036

Background

Ray Newkirk of Teamvantage, as the applicant for the Teamvantage project has submitted a written request for a variance from Rice Creek Watershed District (RCWD) RMP-2 Section 8(c), which requires a 0.5-inch volume reduction via specific methods listed in the table rule. The District Engineer evaluated the variance request per RCWD Rule L for Permit 12-036 in the Request for Variance and Statement of Hardship (Exhibit A) dated June 19, 2012.

The District Engineer evaluated the variance request by applying the “practical difficulties” test set forth in the municipal variance statute and incorporated by prior-adopted policy into the District’s variance standard. This standard is applied through the Board of Managers’ consideration and weighing of the following criteria:

- (a) How substantial the variation is in relation to the RCWD Rule requirement(s);
- (b) the effect the variance would have on government services;
- (c) whether the variance will effect a substantial change in the character of the watershed resources or will be a substantial detriment to neighboring properties;
- (d) whether the practical difficulty can be alleviated by a feasible method other than a variance (economic considerations play a role in the analysis under this factor);
- (e) how the practical difficulty occurred, including whether the landowner created the need for the variance; and
- (f) whether in light of all of the above factors, allowing the variance will serve the interests of justice.

Some of the discussion relevant to these criteria has already been documented in the Engineer’s Report (ER) narrative. Rather than reiterate the ER discussion, it is the intent of this memorandum to incorporate the discussion by reference where necessary, and use this memorandum to indicate how it applies to the above criteria. Ultimately, the Board determines whether consideration of the above criteria supports approval of a variance. The text below reviews the technical aspects of the proposal as they relate to the above criteria. The Board may exercise discretion in analyzing the applicant’s compliance with the variance criteria – both generally and with regard to application of the individual variance (and other rule) criteria. The Board also may require input from legal counsel. Nothing herein should be construed as rendering a legal opinion.

The applicant is proposing 4.55± acres of impervious surface at full build-out conditions. This is approximately 61% of the total lot area, and 67% of the buildable area (which excludes the wetland). The impervious percentage is less than the 72-85% range which is a typical impervious area percentage from the TR-55 urban hydrology method for commercial and industrial development. Given the proposed impervious area, the ER for the Teamvantage, dated June 20, 2012, finds that the applicant would need to provide a total of 8,258 cubic feet of volume reduction via one of the specific methods listed in Section 8(c). These methods include:

- A. Reestablishment of Effectively Drained Wetlands and Floodplain Meadows;
- B. Restoration of Degraded Wetlands;
- C. Upland Restoration/ Conservation;
- D. Impervious Disconnection; and
- E. Soil Amendments.

The applicant has provided 1,690 cubic feet of volume reduction, 686 cubic feet via Soil Amendments and 1,004 cubic feet via Impervious Disconnection. The Applicant has represented that although feasible to comply with water quality treatment of 2.8 inches via bio-filtration (soil conditions prohibit the use of infiltration), the 0.5 inch requirement of RMP-2 Section 8(c) is infeasible. The reasons provided by the Applicant include previously platted property with limited wetland available to restore or enhance and a reduction in the buildable area to an extent which causes the project to become economically infeasible

Evaluation of Criteria

Per practical difficulties criterion (a), the applicant has provided approximately 20% of the Section 8(c) requirement. The applicant has exceeded the requirements of Section 8(b) by providing water quality treatment via bio-filtration for the 2.8-inch storm, rather than the required 2.3-inch storm. Other than Section 8(c), the applicant has complied with RCWD Rules.

Per criteria (b), issuance of a variance for Teamvantage project is not expected to increase flooding (see criteria (c)) or have any other negative effect on government services.

Per criteria (c), which sets the criteria for consideration of whether the variance will effect a substantial change in the character of resources within the watershed, the District Engineer used three criteria to assess substantial change: 1) water quality, defined the quantity of pollutants such as phosphorus and suspended sediment leaving the site and the potential for degrading water quality downstream; 2) the presence of and potential impact to special and impaired waterbodies as defined by various laws including the Minnesota Pollution Control Agency stormwater program, whether a water body is impaired and related designations including Wild and Scenic or Outstanding Natural Resource Value designations; and 3) flooding, the potential for flood damages or other adverse hydrologic impacts.

In assessing whether a substantial change in the character of resources may occur, we considered the presence of and potential impact to the following:

- a 303(d) listed water body (i.e., an impaired water);
- a high quality or non-degraded wetland;
- a federally listed threatened or endangered species or state threatened, endangered or species of special concern and their critical habitat;
- a Scientific and Natural Area as defined by the Minnesota Department of Natural Resources;
- resources protected from nondegradation as identified within 7050.0180 Nondegradation for Outstanding Resource Value Waters; and
- Other generally sensitive resources.

Water from the project discharges into the City of Forest Lake storm sewer and then to main trunk of Anoka – Washington JD-4, which is approximately 0.75± miles downstream from the project. JD-4 ultimately discharges into Upper Rice Creek, which, is not listed on the Section 303(d) impaired water list. The project as a whole is not expected to cause adverse impacts. The Repair Report for this public drainage system showed that implementation of RCWD rules is effective at ameliorating potential downstream impacts including those to the Houle / Hair wetland restoration. The applicant has provided additional bio-filtration in excess of the required 2.3 inches, to help minimize the effect of the variance on water quality, and treat 2.8 inches of runoff.

None of the other resources identified above are located immediately downstream of the site.

Per criteria (c) and whether issuing the variance has a negative effect to the neighboring properties, we applied the following criteria:

- Whether granting the variance causes or contributes to a change in the 100-year floodplain elevation immediately downstream of the project site;
- The potential occurrence of flood damages to adjacent properties;
- The anticipated increase in hardship downstream (e.g., caused by peak flow and flood duration); and
- Other similar related criteria.

The granting of the variance would allow treated volume discharged into the drainage system of 6,568 cubic feet more than what would otherwise be allowed by the Rule. This amount of volume is not enough to affect the 100-year flood plain elevations, or the timing of the peak flow. The project is not expected to adversely impact the downstream properties.

Criteria (d) an assessment of whether the practical difficulty can be alleviated by a feasible method other than a variance (economic considerations play a role in the analysis under this factor) is necessary and (e), consideration of how the practical difficulty occurred, including whether the landowner created the need for the variance requires consideration are interconnected and assessed below.

The lot is part of the Airport Industrial Park, which was platted and zoned industrial in 2004, prior to the implementation of RMP-2. The roads and the storm sewer were installed, and permitted according to RCWD Rules in place at the time. The additional 0.5-inch of volume reduction is difficult to achieve on this lot.

Since the overall development plan and infra-structure pre-dated RMP-2, the opportunity to create excess volume reduction measures is no longer directly associated with this lot.

The applicant's individual lot has only a small portion of a wetland, which cannot effectively be restored as the majority of the wetland is on the neighboring property, therefore the methods A and B, as listed above, are not feasible. The applicant did not pursue Upland Restoration (method C), because to meet this requirement via a buffer for the wetland requires a minimum of 25-feet at all locations and an average width of 50-feet. Additionally, the required slope in the buffer area must be less than 5%. The southeast drive does not allow for these requirements to be met. The applicant has provided a portion of the requirement (1,690 cubic feet) through Impervious Disconnect (method D). The applicant has disconnected as much of the parking area as is feasible for the submitted design. The applicant has chosen not to disconnect the roof over the parking lot due to winter icing concerns. The applicant has provided a portion of the requirement (686 cubic feet) via Soil Amendment (method E).

The RMP-2 rule has provisions for property owners within the RMP-2 rule area to create extra volume reduction measure credits which could be sold to developers who are unable to meet the requirements on their own lots. There are no credits currently available.

The applicant indicated "The 33% of the site non-impervious is a conservative number for development. The office area and production areas are what is need for Teamvantage to meet its immediate and future needs. Any reduction in building space or parking areas would raise serious question as to whether a search for another site is required."

The District Engineer cannot evaluate the amount of impervious area reduction that would be necessary for full compliance with the Volume reduction rule, because the pervious area used to disconnect the impervious surface is also eligible for either the Soil Amendment or the Upland Restoration volume, although the applicant cannot receive credit for both Upland Restoration and Soil Amendments for the same area. To provide a starting point of comparison, an analysis was conducted on each of the three methods assuming that only a single method was used to meet the volume reduction requirement (8,258 cubic feet). For example, Upland Restoration gives a volume credit of 0.85-inches per acre. Based on the design criteria to receive this credit, the site would require a minimum of 0.57 acres of buffer area (based on approximately 500 L.F. of wetland edge on the applicant's property and an average width of 50-feet). To meet the full requirement would require 2.7± acres (40% of the buildable area), which translates to an average buffer width 233± feet. If an applicant used only the Impervious Disconnect method (0.5-inch credit per acre disconnected), all of the impervious area would need to be disconnected. The percentage of pervious area required to disconnect the impervious area varies based on the site design. If the applicant were to only use Soil Amendment method (0.3-inch credit per acre amended) 62.5% of the buildable area would need to be pervious surface.

In consideration of criteria (f), some determination of whether in light of all of the above factors, allowing the variance will serve the interests of justice is necessary. This criterion lies largely in the Board's domain as it involves judgments of a non-technical nature. Our criterion for assessing this portion of the practical difficulties standard is the ability or inability of other permit applicants with similar site conditions to comply

MEMO



with the RMP -2 Rule 8(c) volume reduction requirements. We cannot evaluate this criterion because there has yet to be a permit reviewed under the stormwater RMP-2 rules.

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.

Greg Bowles 6-21-12

Greg Bowles
MN Reg. No 41929

K. MacDonald 6-21-12

Katherine MacDonald
MN Reg. No 44590



Permit Application Number:

12-036

Permit Applicant Name:

Teamvantage

Applicant:

Ray Newkirk
Teamvantage
22455 Everton Avenue N.
Forest Lake, MN 55025
Ph: 651-464-3900
Fx: 651-982-1299
rayn@teamvantage.com

Consultant:

Adam Ginkel
Plowe Engineering, Inc.
6776 Lake Drive #110
Lino Lakes, MN 55014
Ph: 651-784-2542
Fx: 651-784-8701
adam@plowe.com

Kelly Bopray
Bopray Environmental
N7831 920th Street
River Falls, WI 54022
Ph: 713-425-8969
kjbopray@yahoo.com

Project Name: Teamvantage

Purpose: FSD – Final Site Drainage; Construction of new building & parking

Site Size: Parcel size 7.45± acres; 6.75± acres of disturbed area; 0 acres pre-development, 4.55± acres post-development impervious area

Location: Fenway Avenue N. & 206th Street N., Forest Lake

T-R-S: NW ¼, Section 20, T32N, R21W

District Rule: C, D, RMP-2

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. 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

2. Send one final, signed full sized plan set to the District, and e-mail a pdf copy to both the District and the District Engineer.

3. If required by the City of Forest Lake, the applicant must submit a draft legal document providing satisfactory form and description granting ponding and flowage easements over all onsite ponds, wetlands, and other hydrologic features.

4. The applicant must submit a Draft Declaration for Maintenance of Stormwater Management Facilities acceptable to District engineer and attorney for proposed onsite stormwater management features. The maintenance declaration must approve a provision prohibiting snow storage that in a location that directly runs to the wetland. See RMP-2, Section 8(e).
5. The applicant must submit a copy of receipt from County Recorder and signed/notarized legal document(s).
6. The applicant must submit the appropriate cash surety amount of \$2,500 along with an original executed escrow agreement acceptable to the District. If the applicant desires an original copy for their records, then two original signed escrow agreements should be submitted.

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. Preliminary plan set containing sheets C1A, C1-C6, dated and received 6-15-2012. Replaces plan set received 5-8-2012.
2. Permit application, dated and received 5-8-2012.
3. Permit application checklist, no date, received 5-8-2012.
4. Geotechnical report dated 3-23-2012 and received 5-8-2012.
5. Stormwater drainage report dated 5-8-2012, containing drainage maps, 2-year, 10-year, 100-year rainfall and 100-year snowmelt, for both existing and proposed conditions.
6. Revised stormwater drainage report dated 6-15-2012, containing drainage maps, 2-year, 10-year, 100-year rainfall and 100-year snowmelt, for both existing and proposed conditions.
7. WCA Notice of Application for Boundary, dated 5-10-2012.
8. WCA Notice of Boundary decision, dated 6-6-2012.
9. Designated agent letter from the City of Forest Lake, dated 6-6-2012 and received 6-15-2012.
10. Variance request form, dated 6-13-2012, received 6-15-2012.
11. Permit files 00-0113, 01-053 and 04-118.

Findings:

1. Description – The project proposes to develop a 7.45± acre lot in the northeast quadrant of Fenway Avenue North and 206th Street North in Forest Lake. The project will disturb a total of 6.75± acres and at full build-out conditions will add 4.55± acres of new impervious surface to the undeveloped lot. Approximately 0.62± acres of this impervious area will occur as part of a future lot expansion. If the permit has expired or been closed out, prior to the additional parking expansion, a new permit application will be required, and subject to potential future rule revisions. The project ultimately drains to upper Rice Creek via the JD-4 system. The northern portion of the lot connects to an existing storm sewer in Fenway Avenue, which discharges west to an existing stormwater pond within the Landings at Summerfields development (RCWD Permit 00-113). The

southern portion of the property drains to a small pond on the south side of 206th Avenue and then ultimately west across Fenway Avenue to a different existing pond. The applicant has submitted a \$3,500 application fee, which corresponds to 2.5-5 acres of new impervious surface.

2. Stormwater – The proposed project is located within the RMP-2 Rule area. Thus the RMP-2 Section 8 replaces Rule C.5 for water quality and volume control. The stormwater has been analyzed based on the impervious area for full build-out conditions.

RMP-2

The water quality component of RMP-2 has two components. The first requirement is to retain the volume of run-off from the 2.3-inch, 24-hour storm event.

The applicant is proposing 3 bio-filtration basins as described below:

Proposed BMP Description	Location	Pretreatment:	Volume provided
Bio-filtration basin #1	North corner of the property	Rip-rap pre-treatment cell	23,484 c.f.
Bio-filtration basin #2	Eastern corner of the property	Rip-rap pre-treatment cell	21,308 c.f.
Bio-filtration basin #3 (2-cells)	Southwest corner of the property	Rip-rap pre-treatment cell	5,226 c.f.

These basins were each sized to retain and treat the 2.8-inch event for build-out conditions of their respective catchment areas via bio-filtration, exceeding the 2.3-inch standard. Since the soils on site are HSG D, the applicant has met the provisions of RMP-2 Section 8(b).

The second requirement of Section 8(c) requires an additional 0.5-inch of volume reduction from the impervious area, totaling 8,258 cubic feet for the project. The applicant has provided 1,690 cubic feet of volume reduction, 686 cubic feet via soil amendments, and 1,004 cubic feet via impervious disconnection. The location of these items is shown on sheet C1A. The applicant is requesting a variance for the remaining 6,568 cubic feet.

Rule C.6 Rate control

The applicant has met rate control at all key points and for the site in aggregate, for the 2-year and 100-year rainfall events, and the 10-day snowmelt, complying with Rule C.6 requirements.

Other Rules

The project will not increase the amount of flow to the wetland, thus Rule C.7 is not applicable. The project meets the freeboard requirements of Rule C.8(e).

3. Wetlands – A wetland delineation report was submitted on 5-8-2012 and the TEP panel was noticed on 5-10-2012. The WCA Notice of Decision accepting the wetland boundaries was issued on 6-6-2012. The applicant is not proposing any impacts to the wetland.
4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – Proposed erosion control methods include silt fence, rock construction entrance, inlet protection, erosion control blanket and rip rap. An NPDES permit is required for the project. A SWPP Plan has been submitted (Drawing C.6). The information listed under the Erosion and Sedimentation Control Recommendations needs to be submitted. Otherwise, the project complies with RCWD Rule D requirements.

6. Documenting Easements and Maintenance Obligations – Applicant needs to provide drainage and flowage easements (if required by the City), draft maintenance declaration, and receipt showing recordation once approved. The maintenance declaration must approve a provision prohibiting snow storage that in a location that directly runs to the wetland. See RMP-2, Section 8(e).
7. Previous Permit Information – Improvements to Fenway Avenue, including associated storm sewer was installed under permit 01-053. The remaining portion of the development was permitted under 04-118.

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.

Greg Bowles 6-20-2012

Greg Bowles
MN Reg. No 41929

Katherine MacDonald 6-20-12

Katherine MacDonald
MN Reg. No 44590

ITEMS REQUIRING BOARD ACTION

1. Consider ordering the Bald Eagle Lake Watershed Stormwater Reuse/Phosphorus Reduction Project (Phil Belfiori)

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers **Date:** June 21, 2012
From: Phil Belfiori
Subject: Consideration of Ordering the Bald Eagle Lake Watershed Reuse/Phosphorus Reduction Project

Background /Discussion

On May 25, 2012 the Board of Managers approved the Bald Eagle Lake Watershed Reuse/Phosphorus Reduction Project grant agreement, workplan, recordable covenants and incorporated easement and directed the District administrator to notice a public hearing on the project and otherwise undertake all procedural steps necessary to bring the project forward for approval and ordering.

Pursuant to Minnesota Statutes § 103B.251 and the WRMP, the District may not make project commitments of levied funds until a public hearing has been properly noticed and convened and the Board of Managers has ordered that the project be implemented.

Recommendation:

At this time, staff is recommending that the Board of Managers approve resolution 2012-20 ordering the Bald Eagle Lake Watershed Reuse/Phosphorus Reduction Project.

Attachment:

- Resolution 2012-20

**RESOLUTION NO. 2012-20
RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**ORDERING the BALD EAGLE LAKE
WATERSHED STORMWATER REUSE/
PHOSPHORUS REDUCTION PROJECT
PURSUANT to MINNESOTA STATUTES §103B.251**

WHEREAS the Rice Creek Watershed District has adopted a water resource management plan (WRMP) in accordance with Minnesota Statutes §103B.231;

WHEREAS Bald Eagle Lake, located in Ramsey and Washington Counties, is impaired for nutrients and subject to a Total Maximum Daily Load (TMDL) requiring reductions in phosphorus from internal and external sources;

WHEREAS the District has prepared a Bald Eagle Lake TMDL implementation plan that identifies capital improvements, including stormwater reuse for irrigation on the Oneka Ridge golf course, and the implementation plan has been approved by the Minnesota Pollution Control Agency;

WHEREAS the WRMP capital improvement program (CIP) includes constructing projects identified in the Bald Eagle Lake TMDL implementation plan and budgets \$1.1 million in 2012-14 for that purpose;

WHEREAS the WRMP CIP also includes an urban stormwater remediation cost-share program to correct water quality impacts to surface waters from stormwater runoff by giving up to \$50,000 in cost-share funds for projects in partnership with cities, for which the District has budgeted \$200,000 per year and \$2,000,000 for the planning period;

WHEREAS the District and the City of Hugo have received from the Minnesota Board of Water and Soil Resources a Clean Water Assistance Grant (CWAG) in the amount of \$497,100 for the Bald Eagle Lake Watershed Reuse/Phosphorus Reduction Project, consisting of stormwater collection and irrigation reuse facilities on the Oneka Ridge golf course, with additional infiltration facilities for contingency management and water quality treatment if irrigation reuse becomes unavailable, and operation and maintenance of those facilities by Oneka Ridge LLC for a period of 25 years (the "Project");

WHEREAS under the CWAG agreement the District is required to contribute about \$74,200, Hugo is required to contribute about \$50,000, and Oneka Ridge is required to contribute about \$10,800, in cash and in-kind contributions to the Project, for a total estimated cost of about \$632,100;

WHEREAS on May 23, 2012, the District Board of Managers approved a project agreement among the the City of Hugo, Oneka Ridge LLC and the District, with terms including the conveyance of an easement, by Oneka Ridge LLC, suitable to construct and

maintain the project, conditioned on a duly noticed public hearing and project ordering by the Board of Managers, all as required by Minnesota Statutes §103B.251;

WHEREAS in accordance with Minnesota Statutes § 103B.251, subdivision 3, the District held a duly noticed public hearing on June 27, 2012, at the Shoreview City Council Chambers, at which time all interested parties had the opportunity to speak for and against the Project;

WHEREAS the District engineer has evaluated the technical design of the Project and its cost-effectiveness, and the engineer's views have been fully considered by the Board;

WHEREAS the Board finds that the Project, as constructed in accordance with the terms and responsibilities of the project agreement, will be conducive to public health and promote the general welfare, and is in compliance with Minnesota Statutes §§103B.205 to 103B.255 and the WRMP adopted pursuant to §103B.231;

THEREFORE BE IT RESOLVED that pursuant to Minnesota Statutes § 103B.251 and the WRMP, the Project is ordered.

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>
WALLER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAAKE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OGATA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WAGAMON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the Chair declared the Resolution _____.

Harley Ogata, Secretary

Dated: June 27, 2012

* * * * *

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 have set my hand this 27th day of June, 2012.

Harley Ogata, Secretary

ITEMS REQUIRING BOARD ACTION

2. Consider Awarding the Contract for Construction for the Long Lake Sediment Basin Dredging Project. (Phil Belfiori)

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 21, 2012

From: Phil Belfiori

Subject: Long Lake Sedimentation Basin Dredging Project

Background / Discussion:

The purpose of this memorandum is to request Board consideration of awarding of the Long Lake Sedimentation Basin Dredging Project contract to Belair Excavating.

Project Summary:

As you are aware, the Long Lake Sedimentation Basin Dredging Project is intended to address accumulated sedimentation within the Long Lake Sedimentation Basin located directly upstream of the ongoing Rice Creek/Long Lake Inlet Basic Water Management Project and located several hundred feet upstream of where Rice Creek enters Long Lake within the City of New Brighton. The Long Lake sedimentation basin was surveyed on March 19th 2012 and the estimated sediment volume is 7,000 cubic yards. This proposed project includes dredging the accumulated sediment to a design depth within the basin. The project was bid for hydraulic dredging methods.

The Board of Managers on April 25, 2012 authorized staff to move forward with a formal expedited bid process for the dredging of sediment from the Long Lake Sediment basin including the preparation of plans and specifications. The Board of Managers on May 9, 2012 authorized staff to with assistance from Houston Engineering to prepare the necessary documents and solicit bids for project construction of the Long Lake Sedimentation Basin Dredging Project.

Staff is recommending that the Board of Managers approve Resolution 2012-21.

Attachments:

- Memo dated June 20, 2012 from HEI
- Construction Plans for the Long Lake Sedimentation Basin Dredging Project
- Resolution 2012-21

MEMO

(External Correspondence)



HoustonEngineering Inc.

To: Phil Belfiori,
Administrator

From: Joe Lewis, P.E. *pk*
Mark Deutschman, Ph.D., P.E.

Date: June 20, 2012

Subject: Long Lake Sediment Basin
Dredging Bid Summary and
Recommendation

Cc: Chuck Holtman
HEI Project No. 5555-095.012

The purpose of this memorandum is to summarize the bids received for the Long Lake Inlet Maintenance Project and to provide our recommendation for award of the construction contract. The bid process followed accepted practices as generally defined within MS 103D.811 *Bids for Construction* and MS 471.345 *Uniform Municipal Contracting Law*. The District initiated the public bid process by placing advertisements in the St. Paul Pioneer press for a three day period. The advertisement began on June 6th, 2012. Bids were also advertised on Houston Engineering, Inc.'s corporate website and through a commercial service called QuestCDN (<https://www.questcdn.com/>). The requirements for bidding were defined within the Specification/Bid Package for Long Lake Sediment Basin Dredging Project approved by the Board of Managers at the May 9th, 2012 Board Meeting.

A planholder list was maintained by Houston Engineering, Inc. and made publically available through our corporate website and using QuestCDN. A total of 12 plan sets were sold and 1 bid was received. The bid opening was held at the District office on Monday June 19th, 2012 at 2:00 pm. The sole bid submitted by Belair Sitework Services (Belair Excavating) is \$156,588.55. The bid was reviewed for completeness and accuracy. The Engineer's Opinions of Probable Construction Cost is \$152,500. Receiving a single bid in response to the project advertisement is likely due to the hydraulic dredging requirement and the lack of a dewatering location identified on the plans per your previous direction. It is recommended that some additional percentage (e.g. 10% or \$15,658) be allocated for potential change orders resulting from unforeseen conditions or omissions discovered as the project progresses.

The District Engineer recommends that the Board award the Long Lake Sediment Basin Dredging project to Belair Sitework Services.

RICE CREEK WATERSHED DISTRICT

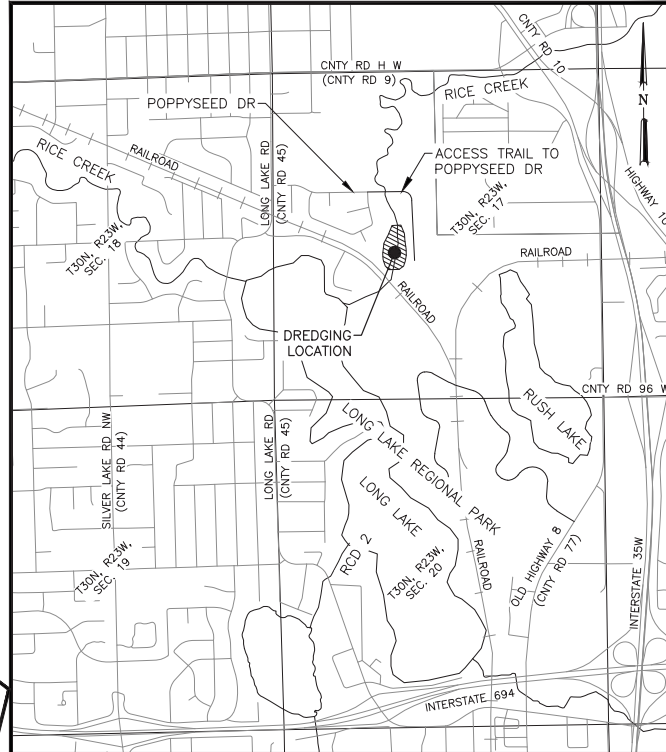
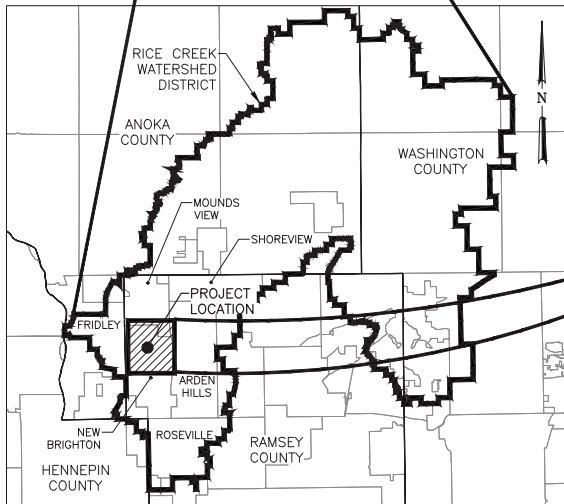
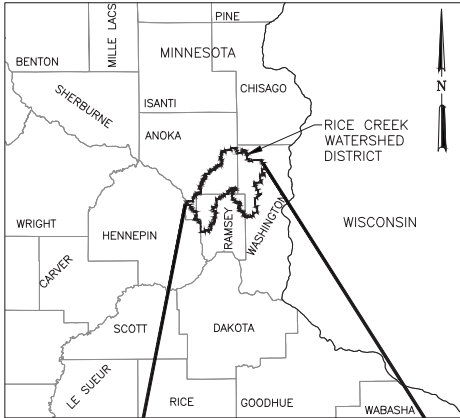
CONSTRUCTION PLANS

FOR

LONG LAKE SEDIMENT BASIN DREDGING

NEW BRIGHTON, MINNESOTA

JUNE 2012



GOVERNING SPECIFICATIONS

THE 2005 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION", INCLUDING CURRENT SUPPLEMENTAL SPECIFICATIONS, SHALL GOVERN.

DRAWING INDEX

- | | |
|---|---|
| 1 | COVER SHEET |
| 2 | DREDGING PLAN |
| 3 | CONSTRUCTION NOTES AND EROSION & SEDIMENT CONTROL DETAILS |
| 4 | EROSION AND SEDIMENT CONTROL |
| 5 | STORMWATER POLLUTION PREVENTION PLAN |

UTILITY NOTES:

1. PRIOR TO ANY EXCAVATION WORK, THE CONTRACTOR IS RESPONSIBLE UNDER MINNESOTA STATE STATUTE 2160 AND MINNESOTA RULES CHAPTER 7660 TO CONTACT Gopher State ONE CALL FOR THE LOCATION OF UNDERGROUND UTILITY FACILITIES IN PROXIMITY TO THE EXCAVATION SITE.
2. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CVA3CE 39-02, ENTITLED "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

UTILITY TABULATION

DESCRIPTION	OWNER
SEWER	CITY OF NEW BRIGHTON
WATERMAIN	CITY OF NEW BRIGHTON
COMMUNICATION	QWEST
PIPELINE	MAGELLAN MIDSTREAM PARTNERS
GAS	XCEL ENERGY
ELECTRIC	XCEL ENERGY



RICE CREEK WATERSHED DISTRICT

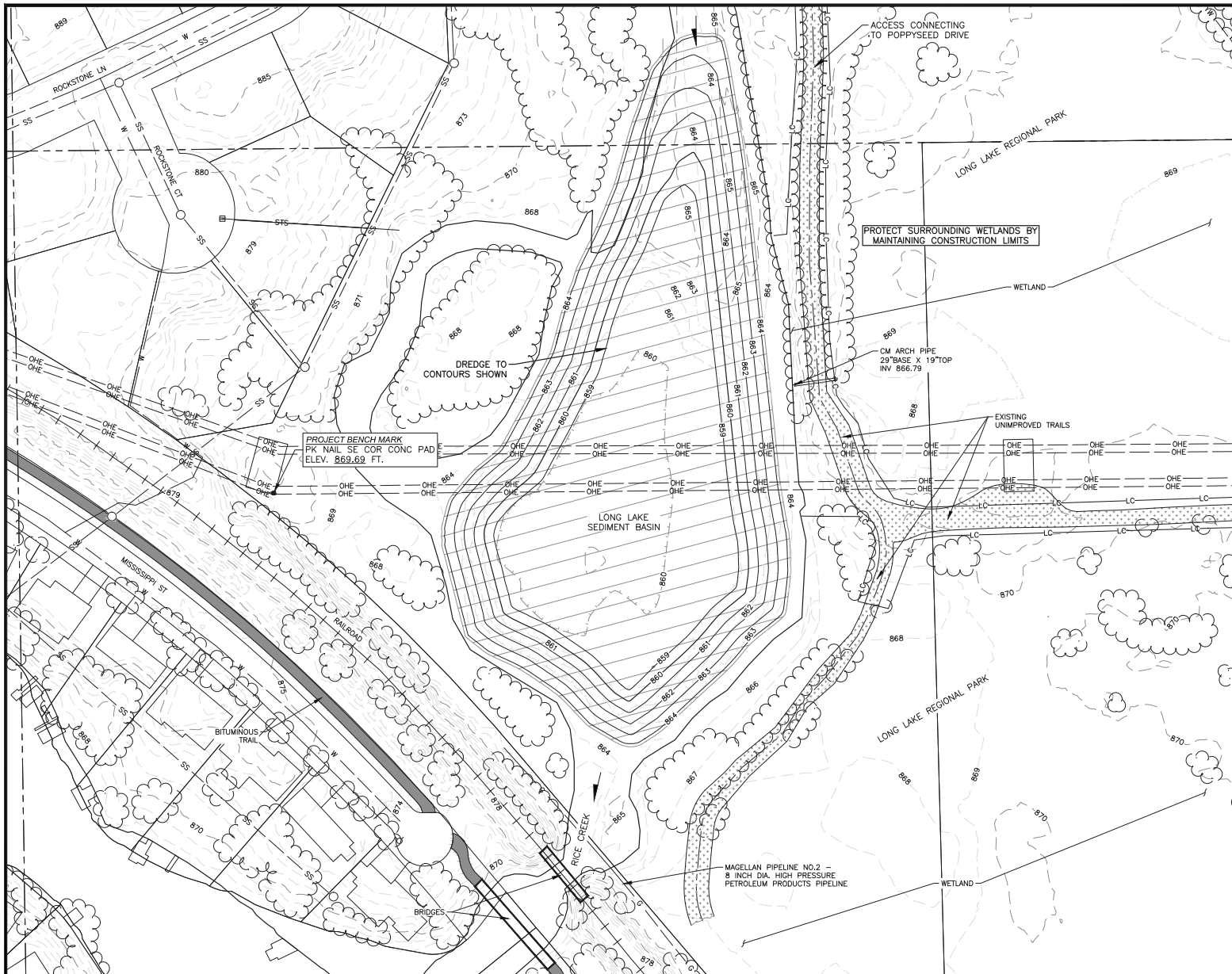
www.ricestream.org

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

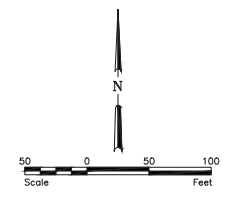
Signature: *Joseph A. Lewis* Date: 6-6-2012
 Printed Name: Joseph A. Lewis License #: 46215



HoustonEngineering Inc.



- CONTACT "GOPHER STATE ONE CALL" FOR LOCATIONS OF BURIED UTILITIES. CALL (651) 454-0002 OR (800) 252-1166.
- GENERAL NOTES**
- HORIZONTAL CONTROL: ANY COORDINATES LISTED IN THIS PLAN ARE NAD83 MINNESOTA STATE PLANE, SOUTH ZONE, US FOOT.
 - VERTICAL CONTROL: ALL ELEVATIONS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
BENCH MARK: PK NAIL IN SE CORNER OF CONCRETE TOWER PAD
NAVD88 ELEVATION 869.69 FT.
 - SEE SHEET 3 FOR NOTES ON CONSTRUCTION AND DREDGING.



LEGEND		EXISTING	NEW
WATER MAIN	W	---	---
SANITARY SEWER MAIN	SS	---	---
STORM SEWER MAIN	STS	---	---
STORM INLET		⊞	
MANHOLE		⊞	
FIRE HYDRANT		⊞	
OVERHEAD POWER	OHE	---	---
GAS MAIN	G	---	---
TREE/HEDGE LINE		⊞	
RAILROAD TRACKS		⊞	
PAVING EDGE		---	---
BUILDING		⊞	
TRAIL-UNIMPROVED		⊞	
TRAIL-PAVED		⊞	
ROAD-GRAVEL		⊞	
FLOW DIRECTION		---	---
CONTOUR		---	---
LIMITS OF WATER		---	---
PARCEL LINE		---	---
QUARTER QUARTER SECTION LINES		---	---
CONSTRUCTION LIMITS		---	---
AREA TO DREDGE		---	---

No.	Revision	Date	By

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

Signature: *Joseph A. Lewis* Date: 6-6-2012
 Printed Name: Joseph A. Lewis License #: 46215

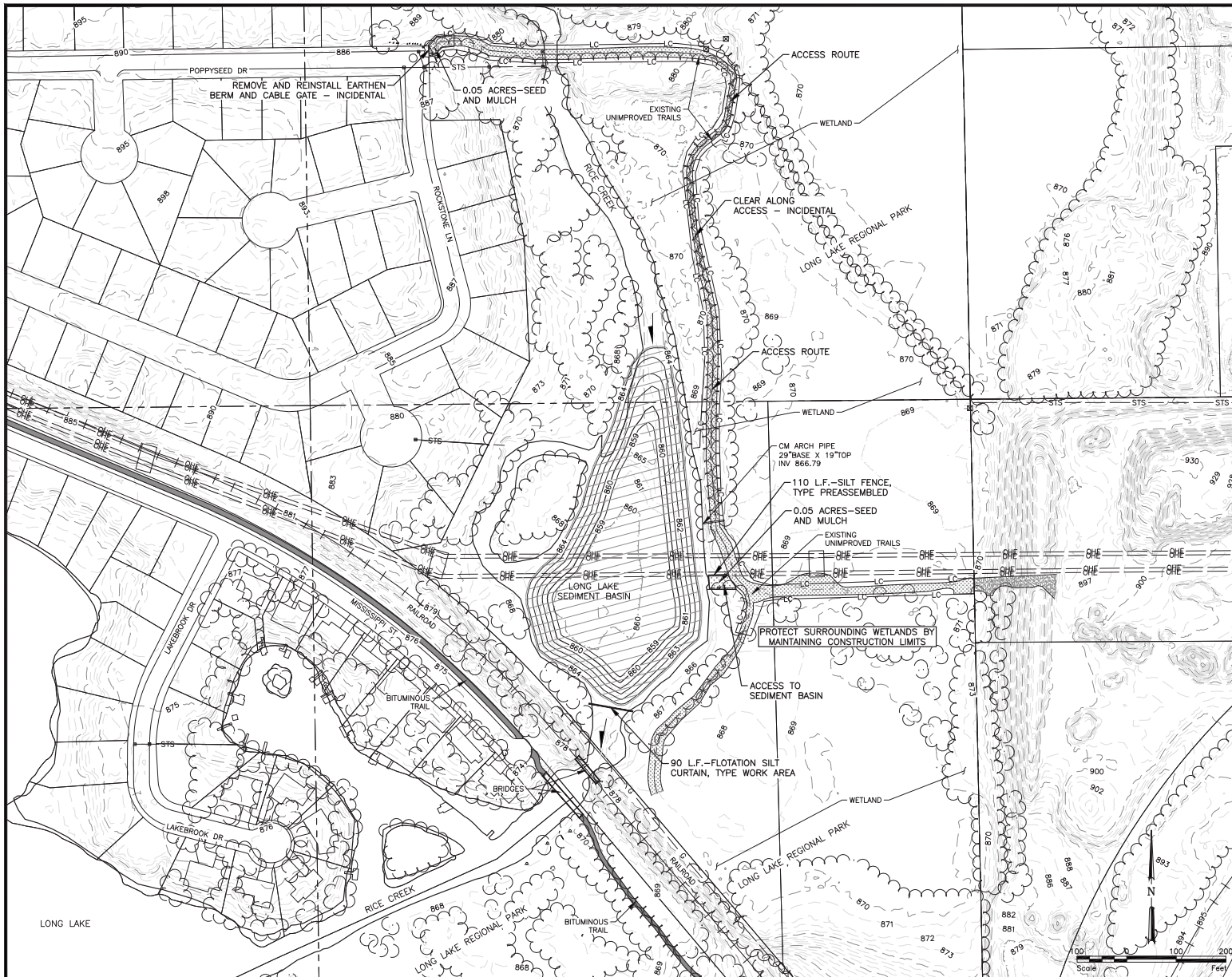
Houston Engineering Inc.

Maple Grove
 P: 763.493.4522
 F: 763.493.5572

Drawn by: DJL
 Checked by: JAL
 Date: 6-06-12
 Scale: AS SHOWN

LONG LAKE SEDIMENT BASIN DREDGING
 NEW BRIGHTON, MINNESOTA
 RICE CREEK WATERSHED DISTRICT

DREDGING PLAN
 PROJECT NO. 5555-095.012.004
 SHEET 2 of 5



EROSION & SEDIMENT CONTROL NOTES

1. THE QUANTITIES LISTED FOR ALL EROSION AND SEDIMENT CONTROL ITEMS ARE ESTIMATES ONLY BASED ON ANTICIPATED CONSTRUCTION OPERATIONS AND WORK AREAS. FINAL QUANTITIES MAY BE ADJUSTED BASED ON THE CONTRACTORS OPERATIONS AND REVIEW OF SUBMITTED WATER CONTROL AND CONSTRUCTION PLANS. NO ADJUSTMENT IN THE UNIT PRICE FOR EROSION AND SEDIMENT CONTROL ITEMS WILL BE MADE FOR ANY INCREASE OR DECREASE IN FINAL QUANTITY.
2. DISTURBED AREAS RESTORED BY CONTRACTOR WITH MNDOT SEED MIX 350, MULCH, AND DISK ANCHORING SHALL BE PER THE FOLLOWING SCHEDULE:
SEED MIX 350: 84.5 LB/ACRE BULK RATE
MULCH TYPE 3: 2 TON/ACRE
3. TOPSOIL RESTORATION SHALL BE TO A MINIMUM DEPTH OF 6-INCHES.
4. CONTRACTOR SHALL REMOVE FLOTATION SILT CURTAIN WHEN SITE DREDGING IS COMPLETED. CONTRACTOR SHALL REMOVE SILT FENCE AFTER FINAL SEEDING IS ESTABLISHED.
5. SEE ALSO EROSION AND SEDIMENT CONTROL DETAILS ON SHEET 3.

ESTIMATED QUANTITIES EROSION AND SEDIMENT CONTROL

SPEC. NO.	ITEM	UNIT	QUANTITY
2573.502	SILT FENCE, TYPE PREASSEMBLED	LIN. FT.	110
2573.505	FLOTATION SILT CURTAIN, TYPE WORK AREA	LIN. FT.	90
2575.501	SEEDING	ACRE	0.1
2575.502	SEED MIXTURE, MNDOT SEED MIX 350	POUND	5
2575.511	MULCH MATERIAL, TYPE 3	TON	0.1

LEGEND

	EXISTING	NEW
STORM SEWER MAIN	STS	
STORM INLET	SI	
MANHOLE	M	
FIRE HYDRANT	OH	
OVERHEAD POWER	OHE	
GAS MAIN	G	
TREE/HEDGE LINE		
RAILROAD TRACKS		
PAVING EDGE		
BUILDING		
TRAIL-UNIMPROVED		
TRAIL-PAVED		
ROAD-GRAVEL		
FLOW DIRECTION		
CONTOUR	999	999
LIMITS OF WATER		
PARCEL LINE		
QUARTER QUARTER		
SECTION LINES		
CONSTRUCTION LIMITS	LC	
AREA TO DREDGE		
SILT FENCE/FLOTATION SILT CURTAIN	SF	
SEED		

No.	Revision	Date	By

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Signature: *Joseph A. Lewis*
 Printed Name: Joseph A. Lewis
 Date: 6-06-2012
 License #: 46215

Houston Engineering Inc.

Maple Grove
 P: 763.493.4522
 F: 763.493.5572
 Drawn by DJL
 Checked by JAL
 Date 6-06-12
 Scale AS SHOWN

LONG LAKE SEDIMENT BASIN DREDGING
 NEW BRIGHTON, MINNESOTA
 RICE CREEK WATERSHED DISTRICT

EROSION AND SEDIMENT CONTROL
 PROJECT NO. 5555-095.012.004
 SHEET 4 of 5

STORM WATER POLLUTION PREVENTION PLAN

The Minnesota General Permit Authorization to Discharge Stormwater Associated with Construction Activity issued on August 1, 2008 shall apply for this project.

ABBREVIATIONS

MDNR: Minnesota Department of Natural Resources
MPCA: Minnesota Pollution Control Agency

NARRATIVE

Project Limits:
The project is limited to a sediment basin on Rice Creek in the northwesterly part of Ramsey County's Long Lake Regional Park in the City of New Brighton. The work consists of dredging the sediment basin.

DESIGN OF CONSTRUCTION SWPPP

Design of Construction SWPPP Completed By:
Douglas J. Litterer
2009-2010 Erosion and Stormwater Management Certification
Certification Date: August 13, 2009

SITE DESCRIPTION

Project Description:
The project will consist of dredging in the sediment basin on Rice Creek and removal of the dredge material from the site. Disturbed areas will be restored with seeding operations.

Site Map(s): See map on Cover Sheet and Plans
Major Soil Disturbing Activities (check all that apply)

- Clearing and grubbing
- Grading and shaping
- Cutting and filling
- Other (describe): Site access for dredging operations equipment.

Total Project Area (Acres) 1.0
Total Area To Be Disturbed (Acres) 1.0
Existing Impervious Area (Acres) 0
Proposed Impervious Area (Acres) 0

Name of Receiving Water Body/Bodies Rice Creek and Long Lake
Discharges to Special Or Impaired Waters: The project does have a discharge point within 1 mile of impaired water. Rice Creek and Long Lake are listed by the MPCA as impaired water bodies.
Discharges to Calcareous Fen: The project does not have a discharge to a Calcareous fen.
Endangered or Threatened Species:

Historic Places or Archeological Sites:

Quantities Tabulation For All BMPs: See Estimated Quantities & Construction Notes sheet and Erosion and Sediment Control sheet in plans.

ORDER OF CONSTRUCTION ACTIVITIES

(Stabilization measures shall be initiated as soon as possible.)

- Install erosion and sediment control measures.
- Proceed with site dredging and removal of dredge material activities.
- Stabilize areas disturbed with temporary erosion and sediment control measures.
- Complete permanent restoration with erosion and sediment control measures and seeding.

LOCATION OF SWPPP REQUIREMENTS IN PROJECT PLAN

See the Erosion and Sediment Control Plan sheet, Erosion and Sediment Control Detail sheet and the Estimated Quantities and Construction Notes sheet.

EROSION AND SEDIMENT CONTROLS

Stabilization Practices (See Erosion and Sediment Control Details and Sheets) (Check all that apply)

- Temporary or Permanent Seeding
- Sodding
- Planting
- Mulching (Straw or Cellulose Fiber)
- Erosion Control Blankets or Mats
- Vegetation Buffer Strips
- Regrassed Surface (e.g. tracking)
- Gabions-Gabion Mattress
- Other

Structural Temporary Erosion and Sediment Controls (Check all that apply)

- Silt Fence
- Temporary Berm
- Temporary Slope Drain
- Straw Wattles or Rolls
- Diversion Channels/Swales
- Channel Liners (TRM)
- Stone Rip Rap Sheet
- Rock Check Dams
- Sediment Traps/Basins
- Inlet Protection
- Outlet Protection
- Surface Inlet Protection
- Carb Inlet Protection
- Stabilized Construction Entrances
- Other/Floatation Silt Curtain

Wetland Avoidance

Will construction and/or erosion and sediment controls impinge on regulated wetlands? Yes No
If yes, the project erosion and sediment control impacts have been included in the total project wetland impacts and have been included in the 404 permit process with the USACE.

Storm Water Management

Storm water management will be handled by temporary controls outlined in "EROSION AND SEDIMENT CONTROLS" above, and any permanent controls needed to meet permanent storm water management needs in the post construction period.

Pollution Prevention Management Measures

- Solid Waste**
Collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with MPCA disposal requirements.
- Hazardous Materials**
Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
- Vehicle Washing**
External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.
- Concrete Washout Onsite**
All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. A compacted clay liner that does not allow washout liquids to enter ground water is considered an impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations or areas. Liquid and solid wastes must be disposed of properly and in compliance with MPCA regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

MAINTENANCE AND INSPECTION

Maintenance and Inspection Practices

- Inspections will be conducted at least one time per week and after a storm event of 0.50 inches or greater.
- All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report or as soon as field conditions allow access.
- Where work has been suspended due to frozen ground conditions, the required inspections and maintenance must take place as soon as runoff occurs at the site or prior to resuming construction, whichever comes first.
- Where parts of the construction site have undergone final stabilization, but work remains on other parts of the site, inspections of the stabilized areas may be reduced to once per month.
- Silt fence will be inspected for depth of sediment and for tears in order to ensure the fabric is securely attached to the posts and that the posts are well anchored. Sediment buildup will be removed from the silt fence when it reaches 1/2 of the height of the silt fence. All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/2 of the height of the fence.
- Sediment basins and traps will be checked. Sediment will be removed when depth reaches approximately 50 percent of the structure's capacity.
- Check dams will be inspected for stability. Sediment will be removed when depth reaches 1/2 the height of the dam.
- All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.
- Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of sediment being deposited by erosion.
- Construction site vehicle exit locations must be inspected for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all off-site paved surfaces within 24 hours of discovery.

- Disturbed areas will be checked for stabilization. Stabilization measures shall be initiated as soon as possible, but in no case later than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased.

The site construction activities will be within and within 1 mile of Rice Creek and Long Lake which are both listed by the MPCA as impaired waters so the project must incorporate the additional best management practice C.1 found in Appendix A of the permit for all portions of the project that drain to the discharge point:

- a. All exposed soil areas must be stabilized as soon as possible to limit soil erosion but in no case later than seven (7) days after the construction activity in that portion of the site has temporarily or permanently ceased.
- b. Temporary sediment basin requirements described in Part III.B.1-5 must be used for common drainage locations that serve an area with five (5) or more acres disturbed at one time.

- The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the site, must be stabilized within 200 lineal feet from the property edge, or from the point of discharge into any surface water. Stabilization of the last 200 lineal feet must be completed within 24 hours after connecting to a surface water.

Stabilization of the remaining portions of any temporary or permanent ditches or swales must be complete within 14 days after connecting to a surface water and construction in that portion of the ditch has temporarily or permanently ceased.

- Temporary or permanent ditches or swales that are being used as a sediment containment system (with properly designed rock ditch checks, bio rolls, silt dikes, etc.) do not need to be stabilized. These areas must be stabilized within 24 hours after no longer being used as a sediment containment system.
- Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.
- Discharge procedures for water control and dewatering operations will be inspected. If the water cannot be discharged to a sedimentation basin prior to entering the surface water, it must be treated with the appropriate BMPs, such that the discharge does not adversely affect the receiving water or downstream landowners.
- Inspection and maintenance reports will be completed for each site inspection, this form will also be used to document changes to the SWPPP. The reports shall include date and amount of rainfall events greater than 0.5 inch in 24 hours. A copy of the completed inspection form will be filed with the SWPPP documents.
- The Contractor's site superintendent is responsible for inspections. Maintenance and repair activities are the responsibility of the Contractor.

SPILL NOTIFICATION

In the event of a spill, the contractor's site superintendent will make the appropriate notification(s), consistent with the following procedures:
A reportable spill is a quantity of more than 5 gallons of petroleum which must be reported immediately to the MPCA.
Any spill of oil or hazardous substance to waters of the state must be reported immediately by telephone to the MPCA.
MPCA Contact for Environmental Emergencies: 24 Hour (651) 649-5451 or (800) 422-0798

CONSTRUCTION CHANGES

When changes are made to the construction project that will require alterations in the temporary erosion controls of the site, the Storm Water Pollution Prevention Plan (SWPPP) will be amended to provide appropriate protection to disturbed areas, all storm water structures, and adjacent waters. The SWPPP will be retained in a designated place for review over the course of the project.

PROJECT CONTACTS

The Contractor is responsible for implementation of the SWPPP and installation, inspection and maintenance of the erosion prevention and sediment control BMP's before and during construction. The Rice Creek Watershed District is responsible for long term operation and maintenance of the permanent storm water management system.

Contractor and Rice Creek Watershed District contact information is provided in the contract documents and project specifications.

		I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.		 Houston Engineering Inc. P: 763.493.4522 F: 763.493.5572	Maple Grove	Drawn by DJI	Date 6-06-12	LONG LAKE SEDIMENT BASIN DREDGING NEW BRIGHTON, MINNESOTA RICE CREEK WATERSHED DISTRICT	STORMWATER POLLUTION PREVENTION PLAN PROJECT NO. 5555-095.012.004	SHEET 5 of 5
No.	Revision	Date	By		Signature: <i>Douglas J. Litterer</i> Printed Name: Joseph A. Lewis	Checked by JAL	Scale AS SHOWN			

**RESOLUTION NO. 2012-21
RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**RESOLUTION AWARDING CONTRACT for LONG LAKE SEDIMENT
BASIN MAINTENANCE DREDGING**

WHEREAS on March 19, 2012 the District engineer surveyed the Long Lake sedimentation basin and the sediment volume was estimated to be 7,000 cubic yards;

WHEREAS on April 25, 2012, the Board of Managers directed the District engineer to prepare final plans and specifications for the maintenance dredging and cleanout of the Long Lake Sediment Basin (the “Project”);

WHEREAS on May 9, 2012, the Board received final plans and specifications for the Project and authorized the District administrator to solicit bids;

WHEREAS in accordance with applicable legal requirements, the District duly advertised for sealed bids to perform the Project and on June 19, 2012, at the District office, bids were opened and read aloud, with one bid submitted for the work;

WHEREAS the District engineer has submitted a memorandum dated June 20, 2012, in which it reports that the low bid was submitted by Belair Excavating in the amount of \$156,588.97, that this bid is responsive and that Belair Excavating is a responsible bidder;

WHEREAS the performance of the Project requires that an existing access agreement with Ramsey County be amended, which amendment has been approved by the Board of Managers and has been approved by Ramsey County;

THEREFORE BE IT RESOLVED that the Board of Managers hereby:

1. Awards the Long Lake Sedimentation Basin Maintenance Dredging contract to Belair Excavating for the contract price of \$156,588.97;
2. Authorizes the District administrator to sign and transmit the notice of award, and to sign the construction agreement and issue the notice to proceed on advice of counsel and when prerequisites for issuance have been met by the contractor; and
3. Authorizes the District administrator to sign task orders increasing the contract price in an aggregate net amount not exceeding 10 percent of the contract price.

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>
WALLER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HAAKE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OGATA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WAGAMON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PREINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the Chair declared the Resolution _____.

Dated: June 27, 2012

Harley Ogata, Secretary

* * * * *

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 have hereunto set my hand this 27th day of June, 2012.

Harley Ogata, Secretary

ITEMS REQUIRING BOARD ACTION

3. Consider Authorizing Execution Of Wetland Banking Conservation Easements And Restrictive Covenants for the Anoka-Washington Judicial Ditch 4 /Anoka County Ditch 15 Wetland Restoration (Phil Belfiori)

RESOLUTION NO. 2012-22

**RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**AUTHORIZING EXECUTION OF WETLAND BANKING CONSERVATION EASEMENTS AND
RESTRICTIVE COVENANTS**

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

WHEREAS, on February 22, 2012, the Rice Creek Watershed District Board of Managers (“Board”) adopted Resolution 2012-03 authorizing the submission of wetland banking applications under both the Wetland Conservation Act and the Clean Water Act;

WHEREAS, on March 21, 2012 the Board entered into a cooperative agreement with Dan and Gloria Hair for the development of a wetland bank on Hairs’ property concurrent with the development of a wetland bank on adjacent property owned by RCWD;

WHEREAS, the wetland banking applications are nearing approval and restoration activities have commenced on the wetland banking areas;

WHEREAS, a requirement of the wetland banking program is that wetland banks be protected by conservation easements and restrictive covenants;

WHEREAS, the State of Minnesota, by its Board of Water and Soil Resources, has developed a form document as a baseline for such conservation easements and restrictive covenants;

WHEREAS, the City of Columbus requires, as a condition of platting the RCWD’s property for development of the wetland bank, that it be given rights to enforce the conservation easement to ensure that future development, inconsistent with the wetland bank does not occur within the bank area;

WHEREAS, the Corps of Engineers, acting under the Clean Water Act, also requires the wetland bank area be protected by conservation easements and restrictive covenants as part of its banking program;

WHEREAS, the instruments require execution by all parties with an interest in the real property so restricted and by applicants for wetland banking approvals, if different from the property owner;

WHEREAS, the Board's attorney has prepared conservation easements and restrictive covenants for both RCWD's and Hairs' properties, using the State's form document as a guide;

WHEREAS, the conservation easements and restrictive covenants meet the requirements of both the State and Federal programs and of the City of Columbus;

WHEREAS, execution of the conservation easements and restrictive covenants is a requirement of the Board's wetland banking project;

Therefore, the RCWD Board of Managers makes the following:

ORDER

The Board of Managers authorizes and directs its President to execute the conservation easements and restrictive covenants.

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"/>
WAGAMON	<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 27, 2012

* * * * *

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 have hereunto set my hand this 27th day of June, 2012.

Harley Ogata, Secretary

**PERPETUAL CONSERVATION EASEMENT AND RESTRICTIONS
FOR WETLAND BANK**

Grantor: Rice Creek Watershed District

Grantee/Holder: State of Minnesota, acting by the Board of Water and Soil Resources

Possessors of “Third-party Rights of Enforcement” pursuant to Minnesota Statutes Chapter 84C: City of Columbus, MN and United States of America, by and through the United States Army Corps of Engineers pursuant to the Clean Water Act

Location: The East Half of the Southeast Quarter of Section 25, Township 32 North (City of Columbus), Range 22 West, Anoka County, Minnesota

The Rice Creek Watershed District, a unit of special government established under the laws of the State of Minnesota (“Grantor”), is the fee owner of the East Half of the Southeast Quarter of Section 25, Township 32 North (City of Columbus), Range 22 West, Anoka County, Minnesota (the “Property”). Grantor is in the process of restoring wetlands within a portion of the property for the purpose of creating wetland mitigation credits to offset wetland impacts from water management projects to be undertaken by Grantor. Wetland mitigation credits so created will be deposited into the wetland banking program administered by the State of Minnesota, acting by its Board of Water and Soil Resources.

In exchange for and in consideration of the enrollment of wetland mitigation credits in the State of Minnesota’s Wetland Mitigation Bank, and as a condition of approvals for the creation of wetland mitigation credits from restored and enhanced wetlands, the Grantor grants to the State of Minnesota, acting by its Board of Water and Soil Resources (“Grantee/Holder”), the Conservation Easement and Covenant of Restrictions (“Conservation Easement and Restriction”) contained herein.

This Conservation Easement and Restriction shall be effective upon the Grantee/Holder's execution of its acceptance pursuant to statutes section 84C.02(b).

This Conservation Easement and Restriction is granted over the following portion of the Property located in Anoka County, Minnesota:

See legal description in **Exhibit A** and depicted in **Exhibit B** attached hereto and made a part hereof. ("Easement Area")

This Conservation Easement and Restriction is made pursuant to and in furtherance of Minnesota's Wetland Conservation Act ("WCA") (statutes sections 103G.222 et seq.) and its implementing rules (rules part 8420).

The Easement Area is the subject of a wetland bank plan pursuant to the WCA, administered by the State's Board of Water and Soil Resources. The Easement Area is also the subject of a compensatory mitigation banking instrument pursuant to the Federal Clean Water Act (CWA), administered by the Corps of Engineers. Together the "Wetland Bank".

Concurrent with the establishment of the Wetland Bank, Grantor is in the process of platting the property. The proposed plat creates an approximately 1.4 acre lot (Lot 1, Block 1, Houle Addition), dedicates rights of way for public roads and drainage systems and creates an outlot (Outlot A, Houle Addition) over the Property. The Easement Area described herein, corresponds to the proposed Outlot A.

The Grantor is responsible for complying with the terms of this Conservation Easement and Restriction. This Conservation Easement and Restriction and the duties and obligations contained herein shall run with the land.

In addition to the rights granted to the Grantee/Holder herein, Grantor also grants the right to enforce the terms of the Conservation Easement and Restriction to the City of Columbus and to the United States of America, by and through the United States Army Corps of Engineers pursuant to the CWA, as possessors of third-party rights of enforcement ("Third Parties").

Creation of the Wetland Bank requires the restoration and enhancement of wetlands and upland buffer areas within the Easement Area. Creation of the Wetland Bank also requires the realignment of a public drainage system, Anoka-Washington Counties Judicial Ditch 4 (JD 4), the installation of a water control structure and the maintenance of the open channel of the former alignment of JD 4.

The Easement Area is subject to the WCA, CWA and rules implementing both acts which apply to the establishment and future maintenance of wetland banking areas.

All references to the WCA, CWA or rules implementing both acts are to the laws and rules currently in effect and as amended or renumbered in the future.

The purposes of this Conservation Easement and Restriction are to maintain and improve the ecological values of the Wetland Bank and to preserve the Easement Area in its restored/natural condition in perpetuity.

COVENANT OF RESTRICTIONS:

Grantor shall:

1. Establish and maintain wetland and upland buffer areas within the Easement Area as specified in the approvals given for the Wetland Bank.
2. Maintain copies of the final approvals for the Wetland Bank, along with all modifications thereto and provided to the Grantee/Holder and all third-parties with rights of enforcement.
3. Pay the costs of establishment, maintenance, repairs and reconstruction of the Wetland Bank, as necessary to comply with the specifications contained in the approvals therefor. The Grantor's obligations under this paragraph include the payment of any lawful taxes or assessments on the Easement Area.
4. Establish and maintain visible signs at prominent locations along the boundary of the Easement Area indicating the presence of the Wetland Bank and providing notice of the restrictions on use of the Easement Area. Such signs must have a surface area of at least one quarter (¼) square feet, mounted on a fence post at least 4 feet above ground, and minimally contain the words "Boundary of Wetland Bank Easement Area - Subject to Perpetual Conservation Easement Restrictions – Contact MN Board of Water and Soil Resources or Local Soil and Water Conservation District for Further Information." Signs must be made of non-degradable material.
5. Manage, at Grantor's cost, vegetation within the Easement Area necessary to maintain the Wetland Bank. Vegetative Management may include weed control and compliance with noxious weed control laws and emergency control of pests necessary to protect the public health within and adjacent to the Easement Area.
6. Prevent, including by Grantee:
 - a. Production of agricultural crops within the Easement Area, except that this provision does not restrict the harvest of the seeds of native vegetation if only the seed-head is removed in the process of harvest and does not involve the use of vehicular, motorized equipment;

- b. The cutting of hay, mowing of vegetation or removal timber within the Easement Area, except as required to maintain the Wetland Bank;
 - c. Vegetative alterations within the Easement Area that do not enhance or would degrade the ecological functions and values of the Wetland Bank. Vegetative alterations shall be limited to those required for maintenance of the Wetland Bank;
 - d. The grazing of livestock within the Easement Area;
 - e. The placement of materials, substances or other objects, or construction of any type of structure, temporary or permanent, within the Easement Area, except those required for construction or maintenance of the Wetland Bank;
 - f. Vehicular traffic within the Easement Area, except for the purpose of construction or maintenance of the Wetland Bank;
 - g. Alteration of the topography of the Easement Area by any means, including plowing, dredging, filling, mining or drilling, except as required for construction or maintenance of the Wetland Bank;
 - h. Modification of the hydrology within the Easement Area in any way or by any means including pumping, draining, ditching, diking, impounding or diverting surface or ground water into or out of the Easement Area, except as required for construction or maintenance of the Wetland Bank;
 - i. Human or recreational use of the Easement Area which, in the judgment of the Grantor, is detrimental to the Wetland Bank;
 - j. Use of the Easement Area inconsistent with the Wetland Bank or the approvals therefor.
7. Record this Conservation Easement and Restriction at Grantor's expense in the real property records of the county where the Property is located. Said recording shall take place within 30 days of the Grantee/Holder's acceptance of this Conservation Easement and Restriction. The Grantor shall provide the original copy of the recorded Conservation Easement and Restriction to the Grantee/Holder and the Third Parties prior to making any credits from the Wetland Bank available for sale or use.

Terms of Conservation Easement and Restriction

The Conservation Easement and Restriction shall be deemed to be a perpetual conservation easement pursuant to statutes chapter 84C, and shall be unlimited in duration regardless of recording.

Grantor grants the Grantee/Holder, Third Parties and the agents and employees of the Grantee/Holder and Third Parties, reasonable access to the Easement Area for inspection, monitoring and enforcement purposes. The Grantee/Holder, Third Parties, and their agents and employees are hereby granted a perpetual right of entry to and from the Easement Area. The right of entry shall be reasonably exercised at locations designated by the Grantor or from public rights of way. This right of entry grants no access to the Property or the Easement Area to the general public.

This Conservation Easement and Restriction may be modified only with the approval of the Grantee/Holder in consultation with the Third Parties.

This Conservation Easement and Restriction may be enforced, at law or in equity, by the Grantee/Holder or any Third Party named herein. A party prevailing in an action to enforce this Conservation Easement and Restriction shall be entitled to recover an award of reasonable attorney's fees from Grantor. The right to enforce the terms of this Conservation Easement and Restriction is not waived or forfeited by any forbearance or failure to act on the part of the Grantee/Holder or Third Parties.

Grantor's Acknowledgments

Grantor is the fee owner of the Property and the applicant for the Wetland Bank. Grantor represents that no other persons or entities have an interest in the Property and that no further consents or subordinations are required for the execution of this Conservation Easement and Restriction. If it is determined at any time that there is any other party who may have an interest in the Property that is prior to this Conservation Easement and Restriction, then Grantor shall immediately obtain and record a consent and subordination agreement signed by such other party. Acceptance of this Conservation Easement and Restriction does not release Grantor from the obligation to obtain and record a consent and subordination agreement signed by any party who may have an interest in the Property that is prior to this Conservation Easement and Restriction, even if such interest was of record at the time of acceptance.

SIGNATURE OF GRANTOR

Dated: _____, 2012

RICE CREEK WATERSHED DISTRICT

By _____
Patricia Preiner
Its President

STATE OF MINNESOTA)
) SS
COUNTY OF _____)

On this ___ day of _____, 2012, before me, a Notary Public within and for said County, personally appeared Patricia Preiner, to me known to be the person described herein, and did say that she is the President of the Rice Creek Watershed District Board of Managers, and that said instrument was signed on behalf of the Rice Creek Watershed District by authority of its Board of Managers and acknowledged said instrument to be the free act and deed of the Rice Creek Watershed District.

Notary Public

EXHIBIT A

Legal Description of Easement Area

EXHIBIT B

Map/Survey of Easement Area

**PERPETUAL CONSERVATION EASEMENT AND RESTRICTIONS
FOR WETLAND BANK**

Grantor: Daniel C. and Gloria Hair, Husband and Wife

Wetland Banking Applicant: Rice Creek Watershed District

Grantee/Holder: State of Minnesota, acting by the Board of Water and Soil Resources

Possessor of “Third-party Rights of Enforcement” pursuant to Minnesota Statutes Chapter 84C: United States of America, by and through the United States Army Corps of Engineers pursuant to the Clean Water Act

Location: That part of the West Half of the Southeast Quarter of Section 25, Township 32 North (City of Columbus), Range 22 West of the 4th Principal Meridian, Anoka County, Minnesota, lying east of the easterly line of Interstate Highway No. 35 right-of-way.

Daniel C. and Gloria Hair (“Grantor”) are the fee owners of that part of the West Half of the Southeast Quarter of Section 25, Township 32 North (City of Columbus), Range 22 West of the 4th Principal Meridian, Anoka County, Minnesota, lying east of the easterly line of Interstate Highway No. 35 right-of-way (the “Property”). Grantor has entered into an agreement with the Rice Creek Watershed District, a unit of special government established under the laws of the State of Minnesota (“Applicant”), to restore wetlands within a portion of the property for the purpose of creating wetland mitigation credits to be deposited into the wetland banking program administered by the State of Minnesota, acting by its Board of Water and Soil Resources.

In exchange for and in consideration of the enrollment of wetland mitigation credits in the State of Minnesota's Wetland Mitigation Bank, and as a condition of approvals for the creation of wetland mitigation credits from restored and enhanced wetlands, the Grantor grants to the State of Minnesota, acting by its Board of Water and Soil Resources ("Grantee/Holder"), the Conservation Easement and Covenant of Restrictions ("Conservation Easement and Restriction") contained herein.

This Conservation Easement and Restriction shall be effective upon the Grantee/Holder's execution of its acceptance pursuant to statutes section 84C.02(b).

This Conservation Easement and Restriction is granted over the following portion of the Property located in Anoka County, Minnesota:

See legal description in **Exhibit A** and depicted in **Exhibit B** attached hereto and made a part hereof. ("Easement Area")

This Conservation Easement and Restriction is made pursuant to and in furtherance of Minnesota's Wetland Conservation Act ("WCA") (statutes sections 103G.222 et seq.) and its implementing rules (rules part 8420).

The Easement Area is the subject of a wetland bank plan pursuant to the WCA, administered by the State's Board of Water and Soil Resources. The Easement Area is also the subject of a compensatory mitigation banking instrument pursuant to the Federal Clean Water Act (CWA), administered by the Corps of Engineers. Together the "Wetland Bank".

Grantor and Applicant are cooperating in the establishment of the Wetland Bank. The cooperative agreement between Grantor and Applicant is recorded as document number 2030075.001 in the office of the Anoka County Recorder. Pursuant to the cooperative agreement, Applicant shall undertake the duties and obligations of Grantor related to the Wetland Bank. To enable the Applicant's actions under the cooperative agreement, Grantor has also conveyed various easements and rights of entry to Applicant – contained in the recorded instrument referenced above. Grantor's execution of this Conservation Easement and Restriction is required by the cooperative agreement.

The Grantor and Applicant are jointly and severally responsible for complying with the terms of this Conservation Easement and Restriction. This Conservation Easement and Restriction and the duties and obligations contained herein shall run with the land.

In addition to the rights granted to the Grantee/Holder herein, Grantor also grants the right to enforce the terms of the Conservation Easement and Restriction to the United States of America, by and through the United States Army Corps of Engineers pursuant to the CWA, as a possessor of third-party rights of enforcement ("Third Party").

Creation of the Wetland Bank requires the restoration and enhancement of wetlands and upland buffer areas within the Easement Area. Creation of the Wetland Bank also requires maintenance of the open channel of the former alignment of public drainage system Anoka-Washington Counties Judicial Ditch 4 (JD 4) and the installation of a water control structure on JD 4.

The Easement Area is subject to the WCA, CWA and rules implementing both acts which apply to the establishment and future maintenance of wetland banking areas.

All references to the WCA, CWA or rules implementing both acts are to the laws and rules currently in effect and as amended or renumbered in the future.

The purposes of this Conservation Easement and Restriction are to maintain and improve the ecological values of the Wetland Bank and to preserve the Easement Area in its restored/natural condition in perpetuity.

COVENANT OF RESTRICTIONS:

Grantor and Applicant shall:

1. Establish and maintain wetland and upland buffer areas within the Easement Area as specified in the approvals given for the Wetland Bank.
2. Maintain copies of the final approvals for the Wetland Bank, along with all modifications thereto and provided to the Grantee/Holder and all third-parties with rights of enforcement.
3. Pay the costs of establishment, maintenance, repairs and reconstruction of the Wetland Bank, as necessary to comply with the specifications contained in the approvals therefor. The Grantor's obligations under this paragraph include the payment of any lawful taxes or assessments on the Easement Area.
4. Establish and maintain visible signs at prominent locations along the boundary of the Easement Area indicating the presence of the Wetland Bank and providing notice of the restrictions on use of the Easement Area. Such signs must have a surface area of at least one quarter (¼) square feet, mounted on a fence post at least 4 feet above ground, and minimally contain the words "Boundary of Wetland Bank Easement Area - Subject to Perpetual Conservation Easement Restrictions – Contact MN Board of Water and Soil Resources or Local Soil and Water Conservation District for Further Information." Signs must be made of non-degradable material.
5. Manage vegetation within the Easement Area necessary to maintain the Wetland Bank. Vegetative Management may include weed control and compliance with noxious weed

control laws and emergency control of pests necessary to protect the public health within and adjacent to the Easement Area.

6. Prevent, including by Grantee or Applicant:
 - a. Production of agricultural crops within the Easement Area, except that this provision does not restrict the harvest of the seeds of native vegetation if only the seed-head is removed in the process of harvest and does not involve the use of vehicular, motorized equipment;
 - b. The cutting of hay, mowing of vegetation or removal of timber within the Easement Area, except as required to maintain the Wetland Bank;
 - c. Vegetative alterations within the Easement Area that do not enhance or would degrade the ecological functions and values of the Wetland Bank. Vegetative alterations shall be limited to those required for maintenance of the Wetland Bank;
 - d. The grazing of livestock within the Easement Area;
 - e. The placement of materials, substances or other objects, or construction of any type of structure, temporary or permanent, within the Easement Area, except those required for construction or maintenance of the Wetland Bank;
 - f. Vehicular traffic within the Easement Area, except for the purpose of construction or maintenance of the Wetland Bank;
 - g. Alteration of the topography of the Easement Area by any means, including plowing, dredging, filling, mining or drilling, except as required for construction or maintenance of the Wetland Bank;
 - h. Modification of the hydrology within the Easement Area in any way or by any means including pumping, draining, ditching, diking, impounding or diverting surface or ground water into or out of the Easement Area, except as required for construction or maintenance of the Wetland Bank;
 - i. Human or recreational use of the Easement Area which, in the judgment of the Grantor or Applicant, is detrimental to the Wetland Bank;
 - j. Use of the Easement Area inconsistent with the Wetland Bank or the approvals therefor.
7. Record this Conservation Easement and Restriction at Grantor's expense in the real property records of the county where the Property is located. Said recording shall take place within 30 days of the Grantee/Holder's acceptance of this Conservation Easement and

Restriction. The Grantor shall provide the original copy of the recorded Conservation Easement and Restriction to the Grantee/Holder and the Third Parties prior to making any credits from the Wetland Bank available for sale or use.

Terms of Conservation Easement and Restriction

The Conservation Easement and Restriction shall be deemed to be a perpetual conservation easement pursuant to statutes chapter 84C, and shall be unlimited in duration regardless of recording.

Grantor grants the Grantee/Holder, Third Party and the agents and employees of the Grantee/Holder and Third Party, reasonable access to the Easement Area for inspection, monitoring and enforcement purposes. The Grantee/Holder, Third Party, and their agents and employees are hereby granted a perpetual right of entry to and from the Easement Area. The right of entry shall be reasonably exercised at locations designated by the Grantor or Applicant or from public rights of way. This right of entry grants no access to the Property or the Easement Area to the general public.

This Conservation Easement and Restriction may be modified only with the approval of the Grantee/Holder in consultation with the Third Party.

This Conservation Easement and Restriction may be enforced, at law or in equity, by the Grantee/Holder or any Third Party named herein. A party prevailing in an action to enforce this Conservation Easement and Restriction shall be entitled to recover an award of reasonable attorney's fees from Grantor. The right to enforce the terms of this Conservation Easement and Restriction is not waived or forfeited by any forbearance or failure to act on the part of the Grantee/Holder or Third Party.

Grantor's Acknowledgments

Grantor is the fee owner of the Property. Grantor is cooperating with Applicant for establishment of the Wetland Bank. Grantor represents that no other persons or entities, other than Applicant have an interest in the Property and that no further consents or subordinations are required for the execution of this Conservation Easement and Restriction. If it is determined at any time that there is any other party who may have an interest in the Property that is prior to this Conservation Easement and Restriction, then Grantor shall immediately obtain and record a consent and subordination agreement signed by such other party. Acceptance of this Conservation Easement and Restriction does not release Grantor from the obligation to obtain and record a consent and subordination agreement signed by any party who may have an interest in the Property that is prior to this Conservation Easement and Restriction, even if such interest was of record at the time of acceptance.

SIGNATURE OF GRANTOR

Dated: _____, 2012

Daniel C. Hair

Dated: _____, 2012

Gloria Hair

STATE OF MINNESOTA)
) SS
COUNTY OF _____)

On this ___ day of _____, 2012, before me, a Notary Public for this County, personally appeared Daniel C. Hair, who I know to be the person described in the foregoing instrument, and who acknowledged that he executed that instrument as his free act and deed.

Notary Public

STATE OF MINNESOTA)
) SS
COUNTY OF _____)

On this ___ day of _____, 2012, before me, a Notary Public for this County, personally appeared Gloria Hair, who I know to be the person described in the foregoing instrument, and who acknowledged that she executed that instrument as her free act and deed.

Notary Public

SIGNATURE OF APPLICANT

Dated: _____, 2012

RICE CREEK WATERSHED DISTRICT

By _____

Patricia Preiner
Its President

STATE OF MINNESOTA)
) SS
COUNTY OF _____)

On this ___ day of _____, 2012, before me, a Notary Public within and for said County, personally appeared Patricia Preiner, to me known to be the person described herein, and did say that she is the President of the Rice Creek Watershed District Board of Managers, and that said instrument was signed on behalf of the Rice Creek Watershed District by authority of its Board of Managers and acknowledged said instrument to be the free act and deed of the Rice Creek Watershed District.

Notary Public

EXHIBIT A

Legal Description of Easement Area

That part of the West Half of the Southeast Quarter of Section 25, Township 32 North, Range 22 West of the 4th Principal Meridian, Anoka County, Minnesota, lying east of the easterly line of Interstate Highway No. 35 right-of-way, excepting therefrom the North 665.00 feet thereof as measured perpendicular to the northerly line of the Southeast Quarter of said Section 25, also excepting therefrom the South 60.00 feet of the East 340.00 feet of the West Half of the Southeast Quarter of Section 25, and also excepting therefrom a tract of land described as follows:

A 10.00 foot wide strip of land, lying northerly of and being coincident with the following described line:

Commencing at the southeast corner of said Section 25; thence North $89^{\circ}53'13''$ West (assumed bearing), along the southerly line of the Southeast Quarter of said Section 25, for a distance of 1,305.17 feet to the southeast corner of the West Half of the Southeast Quarter of said Section 25; thence continue North $89^{\circ}53'13''$ West, along the southerly line of the Southeast Quarter of said Section 25, for a distance of 340.02 feet to a point of intersection with the westerly line of the East 340.00 feet of the West Half of the Southeast Quarter of said Section 25 and the true point of beginning of the line to be described; thence continue North $89^{\circ}53'13''$ West, along the southerly line of the Southeast Quarter of said Section 25, for a distance of 384.14 feet to a point of intersection with the easterly line of Interstate Highway No. 35 right-of-way and a point which will hereafter be referred to as "Point A";

together with

A 38.00 foot wide strip of land, lying easterly of and being coincident with the following described line:

Beginning at said "Point A"; thence North $03^{\circ}16'16''$ West, along the easterly line of Interstate Highway No. 35 right-of-way, for a distance of 408.33 feet; thence North $02^{\circ}07'37''$ West, along the easterly line of said Interstate Highway No. 35 right-of-way, for a distance of 1,399.31 feet to a point of tangential curve to the right, radius 11,359.16 feet; thence northerly along said curve and along the easterly line of said Interstate Highway No. 35 right-of-way, for a distance of 174.91 feet, central angle $00^{\circ}52'56''$, to a point of intersection with the southerly

line of the North 665.00 feet of the West Half of the Southeast Quarter of said Section 25, said line there terminating.

The northerly and easterly lines of said strips shall be lengthened or shortened as necessary to intersect the westerly line of the East 340.00 feet of the West Half of the Southeast Quarter of said Section 25 on the east, to intersect at the angle points, and to intersect the southerly line of the North 665.00 feet of the West Half of the Southeast Quarter of said Section 25 on the north.

Said tract of land contains 33.152 acres, more or less.

ITEMS REQUIRING BOARD ACTION

4. Consider Check Register dated 6/27/2012, in the amount of \$243,667.58 prepared by HLB Tautges Redpath.

Rice Creek Watershed District
Check Register
June 14, 2012 - June 27, 2012
To Be Approved at the June 27, 2012 Board Meeting

Check #	Date	Payee	Description	Amount	
18283	06/13/12	Cobalt Contracting, Inc.	Construction Expense	\$20,974.10	Issued 6/13/12
18284	06/27/12	Assurant Employee Benefits	Employee Benefits	437.75	
18285	06/27/12	Kyle Axtell	Employee Reimbursement	122.66	
18286	06/27/12	Barbara A. Haake	Manager Per Diem/Expense	1,111.67	
18287	06/27/12	David Bauer	Employee Reimbursement	488.74	
18288	06/27/12	Philip Belfiori	Employee Reimbursement	665.89	
18289	06/27/12	Christopher R. Buntjer	Employee Reimbursement	147.33	
18290	06/27/12	Cafefree Self-Storage	Monthly Rent	175.00	
18291	06/27/12	City of Shoreview	Training & Education/Stormwater Constr.	20,850.00	
18292	06/27/12	Coordinated Business Systems, Ltd.	Office Supplies	66.26	
18293	06/27/12	Dell Business Credit	Equipment-Computer	1,828.34	
18294	06/27/12	Delta Dental	Employee Benefits	661.45	
18295	06/27/12	Dynamex	Postage	127.74	
18296	06/27/12	ECM Publishers, Inc.	Legal Notices	129.67	
18297	06/27/12	Emmon's & Olivier Resources	May Engineering Expense	81.25	
18298	06/27/12	Green Lights Recycling, Inc.	Office Supplies/Repairs & Maintenance	79.53	
18299	06/27/12	HLB Tautges Redpath, Ltd	May Accounting	3,380.18	
18300	06/27/12	Holiday Credit	Vehicle Expense	830.10	
18301	06/27/12	Andrew Holewa	Construction-BMP Costshare	1,183.31	
18302	06/27/12	Home Depot	Office Supplies	5.32	
18303	06/27/12	Elizabeth Hosch	Employee Reimbursement	160.65	
18304	06/27/12	Houston Engineering, Inc.	May Engineering Expense	80,069.58	
18305	06/27/12	Rita Hussman	Professional Services	115.00	
18306	06/27/12	Interpoll Laboratories, Inc.	Lab Expense	3,351.00	
18307	06/27/12	Integra Telecom, Inc.	Telecommunications	232.00	
18308	06/27/12	Integra Telecom, Inc.	Telecommunications	526.25	
18309	06/27/12	Larry Johnson	Professional Services	632.80	
18310	06/27/12	Matthew Kocian	Employee Reimbursement	31.01	
18311	06/27/12	Larson Records Management	Office Supplies	95.65	
18312	06/27/12	Living Water Tree Service	Contracted Services	642.75	
18313	06/27/12	Medica	Employee Benefits	4,776.64	
18314	06/27/12	MEPT Blaine, LLC	July Rent	5,517.15	
18315	06/27/12	Minnesota Dept. of Health	Repairs & Maintenance	100.00	
18316	06/27/12	Jodi Nohrenberg	Professional Services	813.46	
18317	06/27/12	Jill Marie Paron	Professional Services	115.00	
18318	06/27/12	Pitney Bowes Global Financial Serv.	Printing Expense	213.18	
18319	06/27/12	Premium Waters, Inc.	Office Supplies	63.53	
18320	06/27/12	Press Publications	Legal Notices	35.77	
18321	06/27/12	Patricia Preiner	Manager Per Diem/Expense	470.36	
18322	06/27/12	Quality Abstract, Inc.	Legal Fees	135.00	
18323	06/27/12	Rinke Noonan	May Legal Fees	9,284.00	
18324	06/27/12	Scandia Trucking & Excavating	Contracted Services	13,550.00	
18325	06/27/12	Carol Mason Sherrill	Professional Services	1,207.50	
18326	06/27/12	Sherburne SWCD	Printing Expense	1,021.89	
18327	06/27/12	Smith Partners	May Legal Fees	13,559.43	
18328	06/27/12	Soil & Water Conservation Society	Dues	100.00	
18329	06/27/12	Solbrekk, Inc.	Computer Software/Professional Services	2,078.60	
18330	06/27/12	Theresa Stasica	Employee Reimbursement	49.58	
18331	06/27/12	Staples Advantage	Office Supplies	601.90	

Rice Creek Watershed District

Check Register

June 14, 2012 - June 27, 2012

To Be Approved at the June 27, 2012 Board Meeting

Check #	Date	Payee	Description	Amount
18332	06/27/12	Pioneer Press	Legal Notices	922.12
18333	06/27/12	Tech Sales Co.	Supplies-Field	441.16
18334	06/27/12	Timesavers, Inc.	Professional Services	494.21
18335	06/27/12	Nicholas A. Tomczik	Employee Reimbursement	105.24
18336	06/27/12	U.S. Bancorp Equipment Finance, Inc.	Lease Agreement	362.09
18337	06/27/12	Verizon Wireless	Cell Phone Expense	462.72
18338	06/27/12	Steven P. Wagamon	Manager Per Diem/Expense	559.72
18339	06/27/12	Washington Conservation District	Contracted Services	1,159.00
18340	06/27/12	WCHO Services, LLC	Contracted Services	4,050.00
18341	06/27/12	Jennifer Webster	Professional Services	115.00
18342	06/27/12	Stephanie Herbst	Employee Reimbursement	9.54
10632	06/27/12	Boulder Contracting, LLC	Surety Release - Final	500.00
10633	06/27/12	Crow Wing Transport, Inc.	Surety Release - #11-077	1,500.00
10634	06/27/12	Dolphin Real Estate Mgmt., LLC	Surety Release - #10-077	2,500.00
10635	06/27/12	Land Title, Inc.	Surety Release - #06-002	1,500.00
10636	06/27/12	Mills Fleet Farm	Surety Release - #07-015	5,000.00
10637	06/27/12	Rice Lake Construction Group	Surety Release - #07-107	1,500.00
Dir.Dep.	06/29/12	Kyle J. Axtell	06/29 Payroll	1,359.03
Dir.Dep.	06/29/12	David W. Bauer	06/29 Payroll	1,559.93
Dir.Dep.	06/29/12	Philip J. Belfiori	06/29 Payroll	2,511.08
Dir.Dep.	06/29/12	Christopher R. Buntjer	06/29 Payroll	1,884.82
Dir.Dep.	06/29/12	Stephanie R. Herbst	06/29 Payroll	829.88
Dir.Dep.	06/29/12	Matthew J. Kocian	06/29 Payroll	1,939.35
Dir.Dep.	06/29/12	Samantha L. Kreibich	06/29 Payroll	753.76
Dir.Dep.	06/29/12	Elizabeth M. Hosch	06/29 Payroll	1,551.55
Dir.Dep.	06/29/12	Thomas E. Schmidt	06/29 Payroll	1,931.07
Dir.Dep.	06/29/12	Theresa M. Stasica	06/29 Payroll	1,657.72
Dir.Dep.	06/29/12	Nicholas A. Tomczik	06/29 Payroll	2,152.21
EFT	06/27/12	Card Services - Anchor Bank	June, 2012 Credit Card Expense	851.78
EFT	06/27/12	Internal Revenue Service	06/27 Federal Withholding	259.35
EFT	06/29/12	Internal Revenue Service	06/29 Federal Withholding	5,430.59
EFT	06/29/12	Minnesota Dept. of Revenue	06/29 State Withholding	995.88
EFT	06/29/12	ING Retirement Services	06/29 Deferred Compensation	260.00
EFT	06/29/12	ING Retirement Services	06/29 Health Care Savings Plan	521.10
EFT	06/29/12	PERA	06/29 PERA	3,141.71
Total				<u><u>\$243,667.58</u></u>

Rice Creek Watershed District Budget Status Report
Administrative & Program Budget
Fiscal Year 2012
6/30/2012

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	-	\$1,950.00	\$5,925.00	\$9,075.00	39.50%
	Manager expenses	4010	4,500.00	-	301.92	1,887.41	2,612.59	41.94%
Committees	Committee/Bd Mtg. Exp.	4800	-	-	-	0.00	-	-
Employees	Staff salary/taxes/benefits	4100-4140	136,835.00	-	11,372.23	68,781.38	68,053.62	50.27%
	District training & education	4265	1,575.00	-	100.00	855.40	719.60	54.31%
	Employee expenses	4320-4321	1,050.00	-	134.91	760.32	289.68	72.41%
Administration/Office	Office/Meeting/Software	4200-4205	2,930.00	-	426.36	1,631.98	1,298.02	55.70%
	Printing	4208	594.00	-	47.71	333.43	260.57	56.13%
	Rent/Office	4210	15,469.00	-	1,308.82	7,672.08	7,796.92	49.60%
	Telecommunications	4240	2,730.00	-	255.82	1,658.85	1,071.15	60.76%
	Dues	4245	6,000.00	-	100.00	3,600.00	2,400.00	60.00%
	Publications	4250	210.00	-	-	34.95	175.05	16.64%
	Insurance	4270	4,200.00	-	-	3,335.29	864.71	79.41%
	Postage	4280	1,260.00	-	15.90	632.96	627.04	50.23%
	Legal Notices	4290	2,000.00	-	-	1,306.96	693.04	65.35%
	Office Equipment/Lease	4635	2,982.00	-	81.04	1,408.47	1,573.53	47.23%
	Bank Charges	4910	-	-	-	50.88	-	0.00%
	Sub-Total-Administration:		197,335.00	-	16,094.71	99,875.36	97,510.52	50.61%
Consultants	Auditor/Accounting	4330	52,600.00	-	3,380.18	33,833.35	18,766.65	64.32%
	Legal	4410	25,000.00	-	3,024.83	12,709.13	12,290.87	50.84%
	Consultants/Professional Serv.	4420	16,550.00	-	494.21	2,783.65	13,766.35	16.82%
	Engineering-General	4500	42,000.00	-	5,156.00	19,322.50	22,677.50	46.01%
	Sub-Total-Consultants:		136,150.00	-	12,055.22	68,648.63	67,501.37	50.42%
TOTAL			\$333,485.00	-	\$28,149.93	\$168,523.99	\$165,011.89	50.53%

Rice Creek Watershed District Budget Status Report
Administrative & Program Budget
Fiscal Year 2012
6/30/2012

Revenue/Expenditures By Project	2012 Budget	2012 Year to date Revenue	2012 Current Month Expense	2012 Year to date Expense	Current Budget Balance	Percent of Budget
10 - General and Administrative	\$333,485.00	\$159,019.63	\$28,149.93	\$168,523.99	\$164,961.01	50.53%
30 - Environmental Education	105,439.00	60,997.55	5,948.14	53,298.44	52,140.56	50.55%
35 - Information Management	86,988.00	42,572.91	10,734.56	38,339.92	48,648.08	44.07%
60 - Restoration Projects	1,590,932.00	753,514.14	81,602.82	361,790.67	1,229,141.33	22.74%
70 - Regulatory	752,901.00	370,252.42	65,289.66	359,173.49	393,727.51	47.71%
80 - Ditch & Creek Maintenance	688,252.00	339,338.96	33,278.19	240,337.68	447,914.32	34.92%
90 - Lake & Stream Management	1,081,846.00	412,600.56	24,482.94	231,101.69	850,744.31	21.36%
95 - District Facilities	155,000.00	75,858.46	9,024.42	28,695.48	126,304.52	18.51%
Total District Revenue/Expenditures	\$4,794,843.00	\$2,214,154.63	\$258,510.66	\$1,481,261.36	\$3,313,581.64	30.89%

Current Fund Balances:

Fund:	Fund Balance @ 12/31/2011	1/1/2012 Fund Balance Transfers	Approved Fund Balance 1/1/2012	2012 Year to date Revenue	2012 Current Month Expense	2012 Year to date Expense	Fund Balance @ 6/30/2012
10 - General Fund	\$184,703.08	-	184,703.08	\$159,019.63	\$28,149.93	\$168,523.99	\$175,198.72
30 - Environmental Education	47,966.70	-	47,966.70	60,997.55	5,948.14	53,298.44	55,665.81
35 - Information Management	40,348.28	-	40,348.28	42,572.91	10,734.56	38,339.92	44,581.27
60 - Restoration Projects	679,364.54	-	679,364.54	753,514.14	81,602.82	361,790.67	1,071,088.01
70 - Regulatory	259,743.23	-	259,743.23	370,252.42	65,289.66	359,173.49	270,822.16
80 - Ditch & Creek Maintenance	332,126.99	-	332,126.99	339,338.96	33,278.19	240,337.68	431,128.27
90 - Lake & Stream Management	1,215,482.09	-	1,215,482.09	412,600.56	24,482.94	231,101.69	1,396,980.96
95 - District Facilities	393,793.31	-	393,793.31	75,858.46	9,024.42	28,695.48	440,956.29
Total District Fund Balance:	\$3,153,528.22	-	\$3,153,528.22	\$2,214,154.63	\$258,510.66	\$1,481,261.36	\$3,886,421.49

Rice Creek Watershed District
Statement of Revenue and Expenditures - General Fund - 10
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>GENERAL FUND</u>				
Revenues				
General Property Tax	\$ 25,067.67	\$ 150,406.02	300,812.00	(150,405.98)
Interest Revenue	0.00	813.42	1,704.00	(890.58)
Investment Interest-Surety	0.00	7,141.19	24,500.00	(17,358.81)
Miscellaneous Revenue	0.00	659.00	0.00	659.00
Total Revenues	25,067.67	159,019.63	327,016.00	(167,996.37)
Expenses				
Manager Per Diem	1,950.00	5,925.00	15,000.00	(9,075.00)
Manager Expense	0.00	710.00	2,000.00	(1,290.00)
Manager Travel	301.92	1,177.41	2,500.00	(1,322.59)
Wages-General	8,769.53	50,324.00	100,043.00	(49,719.00)
Benefits	718.15	6,987.37	13,827.00	(6,839.63)
PERA Expense	598.18	3,740.52	7,253.00	(3,512.48)
HSA Contributions	521.10	2,838.10	6,059.00	(3,220.90)
Payroll Taxes	765.27	3,974.39	7,653.00	(3,678.61)
Payroll Taxes-Unemployment	0.00	917.00	2,000.00	(1,083.00)
Office Supplies	371.38	1,332.18	1,680.00	(347.82)
Supplies-Field	0.00	0.00	250.00	(250.00)
Meeting Supplies/Expense	54.98	299.80	1,000.00	(700.20)
Printing	47.71	333.43	594.00	(260.57)
Rent	1,308.82	7,672.08	15,469.00	(7,796.92)
Telecommunications	255.82	1,658.85	2,730.00	(1,071.15)
Dues	100.00	3,600.00	6,000.00	(2,400.00)
Publications	0.00	34.95	210.00	(175.05)
Training & Education	100.00	855.40	1,575.00	(719.60)
Insurance & Bonds	0.00	3,335.29	4,200.00	(864.71)
Postage	15.90	632.96	1,260.00	(627.04)
Legal Notices-General	0.00	1,306.96	2,000.00	(693.04)
Staff Travel	134.91	760.32	1,050.00	(289.68)
Audit & Accounting	3,380.18	33,833.35	52,600.00	(18,766.65)
Professional Services-General	494.21	2,783.65	16,550.00	(13,766.35)
Legal Fees-General	3,024.83	12,709.13	25,000.00	(12,290.87)
Engineering-General	5,156.00	19,322.50	42,000.00	(22,677.50)
Equipment-General	0.00	914.20	0.00	914.20
Equipment Lease	81.04	494.27	2,982.00	(2,487.73)
Bank Charges	0.00	50.88	0.00	50.88
Total Expenses	28,149.93	168,523.99	333,485.00	(164,961.01)
Total Revenues Over/(Under) Expenditures - General Fund	(3,082.26)	(9,504.36)	(6,469.00)	(3,035.36)
Total Revenue Over/(Under) Expenditure	\$ (3,082.26)	(9,504.36)	(6,469.00)	(3,035.36)

Rice Creek Watershed District
Statement of Revenue and Expenditures - Environmental Education - 30
For the One Month and Six Months Ending June 30, 2012
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	\$ 5,514.75	\$ 33,088.50	66,177.00	(33,088.50)
Interest Income	0.00	257.30	539.00	(281.70)
Total Revenues	<u>5,514.75</u>	<u>33,345.80</u>	<u>66,716.00</u>	<u>(33,370.20)</u>
Expenses				
Wages-Environmental	503.80	12,547.48	40,215.00	(27,667.52)
Benefits-Environmental	506.36	3,090.38	6,325.00	(3,234.62)
PERA-Environmental	36.52	909.67	2,916.00	(2,006.33)
Payroll Taxes-Environmental	34.94	1,164.93	3,076.00	(1,911.07)
Office Supplies	56.52	329.30	720.00	(390.70)
Printing	20.02	40.04	255.00	(214.96)
Rent	549.14	3,205.37	6,629.00	(3,423.63)
Telecommunications	71.19	478.97	1,170.00	(691.03)
Publications	0.00	0.00	90.00	(90.00)
Training & Education	0.00	75.00	675.00	(600.00)
Insurance and Bonds	0.00	1,399.39	1,800.00	(400.61)
Postage	0.00	0.00	540.00	(540.00)
Staff Travel	0.00	0.00	450.00	(450.00)
Professional Servicese	0.00	30.25	0.00	30.25
Legal Fees	0.00	0.00	500.00	(500.00)
Engineering-Environ.	0.00	0.00	1,000.00	(1,000.00)
Equipment-Environmental	0.00	383.57	500.00	(116.43)
Equipment-Lease	34.00	207.39	1,278.00	(1,070.61)
Total Expenses	<u>1,812.49</u>	<u>23,861.74</u>	<u>68,139.00</u>	<u>(44,277.26)</u>
Total Revenues Over/(Under)				
Expenditures - Environmental Education	<u>3,702.26</u>	<u>9,484.06</u>	<u>(1,423.00)</u>	<u>10,907.06</u>
<u>RESOURCE TEACHERS - 30-01</u>				
Revenues				
General Property Tax	815.75	4,894.50	9,789.00	(4,894.50)
Total Revenues	<u>815.75</u>	<u>4,894.50</u>	<u>9,789.00</u>	<u>(4,894.50)</u>
Expenses				
Office Supplies	8.46	73.39	0.00	73.39
Training & Education	0.00	0.00	300.00	(300.00)
Professional Services	3,105.30	6,210.30	8,500.00	(2,289.70)
Contracted Services	0.00	805.00	0.00	805.00
Engineering	0.00	675.00	1,200.00	(525.00)
Total expenses	<u>3,113.76</u>	<u>7,763.69</u>	<u>10,000.00</u>	<u>(2,236.31)</u>
Total Revenues Over/(Under)				
Expenditures - Resource Teachers	<u>(2,298.01)</u>	<u>(2,869.19)</u>	<u>(211.00)</u>	<u>(2,658.19)</u>

Rice Creek Watershed District
Statement of Revenue and Expenditures - Environmental Education - 30
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>WATER EDUCATION & OUTREACH - 30-02</u>				
Revenues				
General Property Tax	1,468.42	8,810.52	17,621.00	(8,810.48)
Income-Video Production	0.00	6,700.00	0.00	6,700.00
Total Revenues	1,468.42	15,510.52	17,621.00	(2,110.48)
Expenses				
Printing	1,021.89	1,992.79	6,000.00	(4,007.21)
Training & Education	0.00	5,353.38	4,000.00	1,353.38
Staff Travel	0.00	10.55	0.00	10.55
Contracted Services	0.00	12,087.75	8,000.00	4,087.75
Total expenses	1,021.89	19,444.47	18,000.00	1,444.47
Total Revenues Over/(Under)				
Expenditures - Water Educ. & Outreach	446.53	(3,933.95)	(379.00)	(3,554.95)
<u>BLUE THUMB - 30-03</u>				
Revenues				
General Property Tax	326.33	1,957.98	3,916.00	(1,958.02)
Income-Blue Thumb Media	0.00	3,488.75	1,700.00	1,788.75
Income-Blue Thumb Membership	0.00	1,800.00	2,200.00	(400.00)
Income-Blue Thumb Training	0.00	0.00	1,400.00	(1,400.00)
Total Revenues	326.33	7,246.73	9,216.00	(1,969.27)
Expenses				
Printing	0.00	350.00	3,500.00	(3,150.00)
Training & Education	0.00	380.84	1,000.00	(619.16)
Public Education & Information	0.00	1,284.87	0.00	1,284.87
Postage	0.00	16.02	0.00	16.02
Staff Travel	0.00	139.31	0.00	139.31
Contracted Services	0.00	57.50	0.00	57.50
Engineering	0.00	0.00	4,800.00	(4,800.00)
Total expenses	0.00	2,228.54	9,300.00	(7,071.46)
Total Revenues Over/(Under)				
Expenditures - Blue Thumb	326.33	5,018.19	(84.00)	5,102.19
Total Revenue Over/(Under) Expenditure	\$ 2,177.11	\$ 7,699.11	(2,097.00)	9,796.11

Rice Creek Watershed District
Statement of Revenue and Expenditures - Information & Technology Management - 35
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>INFORMATION MANAGEMENT - 35-00</u>				
Revenues				
General Property Tax	\$ 5,053.25	\$ 30,319.50	60,639.00	(30,319.50)
Interest Revenue	0.00	212.43	445.00	(232.57)
	5,053.25	30,531.93	61,084.00	(30,552.07)
Total Revenues				
Expenses				
Wages-Information Mgmt.	878.18	7,259.73	25,658.00	(18,398.27)
Benefits-Information Mgmt.	55.98	342.50	1,369.00	(1,026.50)
PERA-Information Mgmt.	101.27	444.28	1,860.00	(1,415.72)
Payroll Taxes-Information Mgmt	65.92	547.84	1,963.00	(1,415.16)
Office Supplies	7.16	41.73	80.00	(38.27)
Computer Software	50.00	1,530.11	4,000.00	(2,469.89)
Printing	2.54	5.08	28.00	(22.92)
Rent	69.59	407.95	737.00	(329.05)
Telecommunications	9.02	110.70	130.00	(19.30)
Publications	0.00	0.00	10.00	(10.00)
Training & Education	0.00	0.00	75.00	(75.00)
Insurance and Bonds	0.00	177.35	200.00	(22.65)
Postage	0.00	0.00	60.00	(60.00)
Staff Travel	0.00	0.00	50.00	(50.00)
Professional Services	2,028.60	6,279.03	14,026.00	(7,746.97)
Contracted Services	0.00	8.75	0.00	8.75
Engineering	0.00	5,838.25	2,000.00	3,838.25
Equipment-Computer	1,988.99	2,416.97	10,000.00	(7,583.03)
Equipment-Information	0.00	48.61	0.00	48.61
Equipment Lease	4.31	26.30	142.00	(115.70)
	5,261.56	25,485.18	62,388.00	(36,902.82)
Total Expenses				
Total Revenues Over/(Under)				
Expenditures - Information Management	(208.31)	5,046.75	(1,304.00)	6,350.75
<u>PERMITTING MAPPER APPLICATION HOSTING - 35-05</u>				
Revenues				
General Property Tax	2,006.83	12,040.98	24,082.00	(12,041.02)
	2,006.83	12,040.98	24,082.00	(12,041.02)
Total Revenues				
Expenses				
Engineering	5,473.00	12,854.74	24,600.00	(11,745.26)
	5,473.00	12,854.74	24,600.00	(11,745.26)
Total expenses				
Total Revenues Over/(Under)				
Expenditures - Permitting Mapper	(3,466.17)	(813.76)	(518.00)	(295.76)
Total Revenue Over/(Under) Expenditure	\$ (3,674.48)	\$ 4,232.99	(1,822.00)	6,054.99

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>RESTORATION PROJECT MANAGEMENT - 60-00</u>				
Revenues				
General Property Tax	\$ 6,006.17	\$ 36,037.02	72,074.00	(36,036.98)
Interest Revenue	0.00	3,881.00	8,130.00	(4,249.00)
Total Revenues	6,006.17	39,918.02	80,204.00	(40,285.98)
Expenses				
Wages-Restoration Projects	4,010.42	24,217.48	49,159.00	(24,941.52)
Benefits-Restoration Projects	227.22	1,400.93	7,378.00	(5,977.07)
PERA-Restoration Projects	290.76	1,755.77	3,564.00	(1,808.23)
Payroll Taxes-Restoration	289.58	1,761.97	3,761.00	(1,999.03)
Office Supplies	40.69	237.05	640.00	(402.95)
Printing	14.41	28.82	226.00	(197.18)
Rent	395.34	2,331.00	5,893.00	(3,562.00)
Telecommunications	108.90	645.78	1,040.00	(394.22)
Publications	0.00	0.00	80.00	(80.00)
Training & Education	0.00	0.00	600.00	(600.00)
Insurance and Bonds	0.00	1,007.45	1,600.00	(592.55)
Postage	0.00	0.00	480.00	(480.00)
Staff Travel	0.00	0.00	400.00	(400.00)
Professional Services	0.00	21.78	0.00	21.78
Legal Fees	0.00	0.00	1,000.00	(1,000.00)
Engineering	0.00	222.00	7,500.00	(7,278.00)
Equipment	0.00	276.14	0.00	276.14
Equipment Lease	24.48	149.29	1,136.00	(986.71)
Total Expenses	5,401.80	34,055.46	84,457.00	(50,401.54)
Total Revenues Over/(Under)				
Expenditures - Restoration Management	604.37	5,862.56	(4,253.00)	10,115.56
<u>URBAN STORMWATER REMEDIATION PROJECT - 60-15</u>				
Revenues				
General Property Tax	11,016.42	66,098.52	132,197.00	(66,098.48)
Total Revenues	11,016.42	66,098.52	132,197.00	(66,098.48)
Expenses				
Legal Notices	0.00	0.00	250.00	(250.00)
Legal Fees	0.00	0.00	1,000.00	(1,000.00)
Engineering-Stormwater Remediation	0.00	2,447.50	7,500.00	(5,052.50)
Stormwater-Construction	20,750.00	56,188.42	131,250.00	(75,061.58)
Total expenses	20,750.00	58,635.92	140,000.00	(81,364.08)
Total Revenues Over/(Under)				
Expenditures - Urban SW Mediat.Proj.	(9,733.58)	7,462.60	(7,803.00)	15,265.60

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>COLUMBUS RMP - 60-17</u>				
Revenues				
General Property Tax	1,967.25	11,803.50	23,607.00	(11,803.50)
Total Revenues	<u>1,967.25</u>	<u>11,803.50</u>	<u>23,607.00</u>	<u>(11,803.50)</u>
Expenses				
Telecommunications	0.00	22.27	0.00	22.27
Legal Notices	0.00	98.29	0.00	98.29
Legal Fees	0.00	0.00	5,000.00	(5,000.00)
Engineering	1,524.28	3,772.91	20,000.00	(16,227.09)
Total expenses	<u>1,524.28</u>	<u>3,893.47</u>	<u>25,000.00</u>	<u>(21,106.53)</u>
Total Revenues Over/(Under)				
Expenditures - Columbus RMP	<u>442.97</u>	<u>7,910.03</u>	<u>(1,393.00)</u>	<u>9,303.03</u>
<u>JD4 RMP IMPLEMENTATION - 60-18</u>				
Revenues				
General Property Tax	74,004.92	444,029.52	888,059.00	(444,029.48)
Miscellaneous Income	0.00	994.79	0.00	994.79
Total Revenues	<u>74,004.92</u>	<u>445,024.31</u>	<u>888,059.00</u>	<u>(443,034.69)</u>
Expenses				
Supplies-Field	0.00	0.00	1,000.00	(1,000.00)
Printing	0.00	0.00	1,000.00	(1,000.00)
Telecommunications	22.17	133.12	1,000.00	(866.88)
Legal Notices	0.00	98.29	0.00	98.29
Professional Services	0.00	0.00	8,000.00	(8,000.00)
Contracted Services-JD4 RMP	9,200.00	9,200.00	709,475.00	(700,275.00)
Legal Fees	6,953.50	30,942.50	40,000.00	(9,057.50)
Acquisitions	0.00	25,000.00	30,000.00	(5,000.00)
Engineering	11,817.43	152,491.52	150,000.00	2,491.52
Total expenses	<u>27,993.10</u>	<u>217,865.43</u>	<u>940,475.00</u>	<u>(722,609.57)</u>
Total Revenues Over/(Under)				
Expenditures - JD4 RMP Implement.	<u>46,011.82</u>	<u>227,158.88</u>	<u>(52,416.00)</u>	<u>279,574.88</u>
<u>DISTRICT-WIDE SWMM MODEL-PHASE I - 60-19</u>				
Revenues				
General Property Tax	786.92	4,721.52	9,443.00	(4,721.48)
Total Revenues	<u>786.92</u>	<u>4,721.52</u>	<u>9,443.00</u>	<u>(4,721.48)</u>
Expenses				
Engineering-SWMM	0.00	2,996.53	10,000.00	(7,003.47)
Total expenses	<u>0.00</u>	<u>2,996.53</u>	<u>10,000.00</u>	<u>(7,003.47)</u>
Total Revenues Over/(Under)				
Expenditures - District-Wide SWMM	<u>786.92</u>	<u>1,724.99</u>	<u>(557.00)</u>	<u>2,281.99</u>

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>ACD 53/62 RMP IMPLEMENTATION - 60-21</u>				
Revenues				
General Property Tax	3,934.42	23,606.52	47,213.00	(23,606.48)
Total Revenues	<u>3,934.42</u>	<u>23,606.52</u>	<u>47,213.00</u>	<u>(23,606.48)</u>
Expenses				
Printing	0.00	355.64	0.00	355.64
Legal Notices	0.00	770.61	0.00	770.61
Legal Fees	340.00	2,040.00	10,000.00	(7,960.00)
Engineering	1,524.27	1,524.27	40,000.00	(38,475.73)
Total expenses	<u>1,864.27</u>	<u>4,690.52</u>	<u>50,000.00</u>	<u>(45,309.48)</u>
Total Revenues Over/(Under)				
Expenditures - ACD 53/62 RMP Impleme	<u>2,070.15</u>	<u>18,916.00</u>	<u>(2,787.00)</u>	<u>21,703.00</u>
<u>LINO LAKES RMP IMPLEMENTATION - 60-22</u>				
Revenues				
General Property Tax	1,180.33	7,081.98	14,164.00	(7,082.02)
Total Revenues	<u>1,180.33</u>	<u>7,081.98</u>	<u>14,164.00</u>	<u>(7,082.02)</u>
Expenses				
Telecommunications	0.00	22.93	0.00	22.93
Legal Notices	0.00	98.29	0.00	98.29
Legal Fees	0.00	0.00	2,500.00	(2,500.00)
Engineering	1,524.27	1,593.27	12,500.00	(10,906.73)
Total expenses	<u>1,524.27</u>	<u>1,714.49</u>	<u>15,000.00</u>	<u>(13,285.51)</u>
Total Revenues Over/(Under)				
Expenditures - Lino Lakes RMP	<u>(343.94)</u>	<u>5,367.49</u>	<u>(836.00)</u>	<u>6,203.49</u>
<u>SOUTHWEST URBAN LAKE IMPLEMENTATION - 60-24</u>				
Revenues				
General Property Tax	5,114.75	30,688.50	61,377.00	(30,688.50)
Costshare Program	0.00	1,344.29	0.00	1,344.29
Total Revenues	<u>5,114.75</u>	<u>32,032.79</u>	<u>61,377.00</u>	<u>(29,344.21)</u>
Expenses				
Contracted Services	0.00	160.00	10,000.00	(9,840.00)
Legal Fees	255.00	255.00	5,000.00	(4,745.00)
Engineering	1,316.00	2,617.32	50,000.00	(47,382.68)
Construction	20,974.10	25,404.28	0.00	25,404.28
Total expenses	<u>22,545.10</u>	<u>28,436.60</u>	<u>65,000.00</u>	<u>(36,563.40)</u>
Total Revenues Over/(Under)				
Expenditures - Southwest Urban Lake	<u>(17,430.35)</u>	<u>3,596.19</u>	<u>(3,623.00)</u>	<u>7,219.19</u>

Rice Creek Watershed District
Statement of Revenue and Expenditures - Restoration Projects - 60
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>JD 4/ACD 15 WMD - 60-25</u>				
Revenues				
JD 4-Special Assessments	0.00	0.00	56,074.00	(56,074.00)
Total Revenues	0.00	0.00	56,074.00	(56,074.00)
Expenses				
Acquisitions	0.00	5,250.25	0.00	5,250.25
Total expenses	0.00	5,250.25	0.00	5,250.25
Total Revenues Over/(Under)				
Expenditures - JD 4/ACD 15 WMD	0.00	(5,250.25)	56,074.00	(61,324.25)
<u>LEGISLATIVE INITIATIVE - 60-26</u>				
Revenues				
General Property Tax	2,832.83	16,996.98	33,994.00	(16,997.02)
Total Revenues	2,832.83	16,996.98	33,994.00	(16,997.02)
Expenses				
Legal Fees	0.00	4,252.00	18,000.00	(13,748.00)
Engineering	0.00	0.00	18,000.00	(18,000.00)
Total expenses	0.00	4,252.00	36,000.00	(31,748.00)
Total Revenues Over/(Under)				
Expenditures - Legislative Initiative	2,832.83	12,744.98	(2,006.00)	14,750.98
<u>WETLAND BANK CREDITS - 60-27</u>				
Revenues				
General Property Tax	17,705.00	106,230.00	212,460.00	(106,230.00)
Total Revenues	17,705.00	106,230.00	212,460.00	(106,230.00)
Expenses				
Legal Fees	0.00	0.00	20,000.00	(20,000.00)
Acquisitions	0.00	0.00	175,000.00	(175,000.00)
Engineering	0.00	0.00	30,000.00	(30,000.00)
Total expenses	0.00	0.00	225,000.00	(225,000.00)
Total Revenues Over/(Under)				
Expenditures - Wetland Bank Credits	17,705.00	106,230.00	(12,540.00)	118,770.00
Total Revenue Over/(Under) Expenditure	\$ 42,946.19	\$ 391,723.47	(32,140.00)	423,863.47

Rice Creek Watershed District
Statement of Revenue and Expenditures - Regulatory Projects - 70
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>REGULATORY PROJECT MANAGEMENT - 70-00</u>				
Revenues				
General Property Tax	\$ 24,694.50	\$ 148,167.00	296,334.00	(148,167.00)
Interest Revenue	0.00	1,836.42	3,847.00	(2,010.58)
Total Revenues	24,694.50	150,003.42	300,181.00	(150,177.58)
Expenses				
Wages-Regulatory	20,011.79	103,661.92	206,726.00	(103,064.08)
Wages - Interns	1,491.76	1,491.76	6,000.00	(4,508.24)
Benefits-Regulatory	1,834.93	11,195.28	25,479.00	(14,283.72)
PERA-Regulatory	1,450.86	7,515.48	14,553.00	(7,037.52)
Payroll Taxes-Regulatory	1,618.26	7,883.80	16,274.00	(8,390.20)
Office Supplies	206.35	1,176.61	2,480.00	(1,303.39)
Supplies-Field	0.00	87.03	0.00	87.03
Printing	71.20	955.34	877.00	78.34
Rent	1,953.28	11,449.83	22,835.00	(11,385.17)
Telecommunications	420.69	3,286.36	4,030.00	(743.64)
Publications	0.00	0.00	310.00	(310.00)
Training & Education	200.50	2,272.16	2,325.00	(52.84)
Insurance and Bonds	0.00	4,977.60	6,200.00	(1,222.40)
Postage	0.00	204.63	1,860.00	(1,655.37)
Staff Travel-Regulatory	454.73	1,808.65	1,550.00	258.65
Vehicle Expense	276.70	1,903.24	3,000.00	(1,096.76)
Professional Services	0.00	107.60	0.00	107.60
Recruitment	0.00	1,397.50	0.00	1,397.50
Legal Fees	573.50	6,896.48	1,500.00	5,396.48
Engineering-Regulatory	0.00	0.00	5,000.00	(5,000.00)
Equipment	0.00	1,364.35	500.00	864.35
Equipment Lease	120.94	737.61	4,402.00	(3,664.39)
Total Expenses	30,685.49	170,373.23	325,901.00	(155,527.77)
Total Revenues Over/(Under)				
Expenditures - Regulatory Management	(5,990.99)	(20,369.81)	(25,720.00)	5,350.19
<u>RULE/PLAN REVISIONS - PERMIT GUIDANCE - 70-01</u>				
Revenues				
General Property Tax	1,916.92	11,501.52	23,003.00	(11,501.48)
Total Revenues	1,916.92	11,501.52	23,003.00	(11,501.48)
Expenses				
Legal Fees	240.50	240.50	10,000.00	(9,759.50)
Engineering	0.00	0.00	15,000.00	(15,000.00)
Total expenses	240.50	240.50	25,000.00	(24,759.50)
Total Revenues Over/(Under)				
Expenditures - Rule/Plan Revisions	1,676.42	11,261.02	(1,997.00)	13,258.02

Rice Creek Watershed District
Statement of Revenue and Expenditures - Regulatory Projects - 70
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>PERMIT REVIEW - 70-03</u>				
Revenues				
General Property Tax	26,684.00	160,104.00	320,208.00	(160,104.00)
Permit Fees	0.00	23,800.00	45,000.00	(21,200.00)
	26,684.00	183,904.00	365,208.00	(181,304.00)
Total Revenues	26,684.00	183,904.00	365,208.00	(181,304.00)
Expenses				
Legal Fees	2,350.50	28,813.82	50,000.00	(21,186.18)
Engineering-Permit Review	32,013.17	159,745.94	298,000.00	(138,254.06)
	34,363.67	188,559.76	348,000.00	(159,440.24)
Total expenses	34,363.67	188,559.76	348,000.00	(159,440.24)
Total Revenues Over/(Under)				
Expenditures - Permit Review	(7,679.67)	(4,655.76)	17,208.00	(21,863.76)
 <u>EARLY COORDINATION/ROAD AUTHORITY - 70-07</u>				
Revenues				
General Property Tax	4,140.58	24,843.48	49,687.00	(24,843.52)
	4,140.58	24,843.48	49,687.00	(24,843.52)
Total Revenues	4,140.58	24,843.48	49,687.00	(24,843.52)
Expenses				
Legal Fees	0.00	0.00	11,000.00	(11,000.00)
Engineering-Road Auth.	0.00	0.00	43,000.00	(43,000.00)
	0.00	0.00	54,000.00	(54,000.00)
Total expenses	0.00	0.00	54,000.00	(54,000.00)
Total Revenues Over/(Under)				
Expenditures - Early Coordination	4,140.58	24,843.48	(4,313.00)	29,156.48
 Total Revenue Over/(Under) Expenditure	 \$ (7,853.66)	 \$ 11,078.93	 (14,822.00)	 25,900.93

Rice Creek Watershed District
Statement of Revenue and Expenditures - Ditch & Creek Maintenance - 80
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>DITCH & CREEK MANAGEMENT - 80-00</u>				
Revenues				
General Property Tax	\$ 13,479.75	\$ 80,878.50	161,757.00	(80,878.50)
Interest Revenue	0.00	1,678.42	3,516.00	(1,837.58)
Total Revenues	13,479.75	82,556.92	165,273.00	(82,716.08)
Expenses				
Wages-Ditch & Creek Maint.	6,529.17	39,211.25	78,977.00	(39,765.75)
Benefits-Ditch & Creek Maint.	870.58	5,314.90	8,781.00	(3,466.10)
PERA-Ditch & Creek Maint.	473.37	2,842.82	5,726.00	(2,883.18)
Payroll Taxes-Ditch & Creek	488.93	2,936.28	6,042.00	(3,105.72)
Office Supplies	98.89	576.19	1,520.00	(943.81)
Supplies-Field	0.00	367.61	500.00	(132.39)
Printing	35.03	119.83	538.00	(418.17)
Rent	960.85	5,632.35	13,995.00	(8,362.65)
Telecommunications	190.66	1,222.35	2,470.00	(1,247.65)
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	2,448.56	3,800.00	(1,351.44)
Postage	58.80	58.80	1,140.00	(1,081.20)
Staff Travel	0.00	0.00	950.00	(950.00)
Vehicle Expense	276.70	2,655.64	0.00	2,655.64
Professional Services	0.00	52.93	0.00	52.93
Legal Fees-Ditch & Creek	296.00	514.50	30,000.00	(29,485.50)
Engineering-Ditch & Creek	0.00	0.00	8,000.00	(8,000.00)
Equipment	0.00	671.15	2,000.00	(1,328.85)
Equipment Lease	59.49	362.83	2,698.00	(2,335.17)
Total Expenses	10,338.47	64,987.99	168,752.00	(103,764.01)
Total Revenues Over/(Under)				
Expenditures - Ditch & Creek Mgmt.	3,141.28	17,568.93	(3,479.00)	21,047.93
<u>DITCHES - GENERAL - 80-02</u>				
Revenues				
General Property Tax	13,868.42	83,210.52	166,421.00	(83,210.48)
Total Revenues	13,868.42	83,210.52	166,421.00	(83,210.48)
Expenses				
Supplies-Field	222.78	619.57	3,000.00	(2,380.43)
Professional Services	0.00	0.00	1,000.00	(1,000.00)
Contracted Services-General	7,767.75	81,775.79	146,000.00	(64,224.21)
Legal Fees	0.00	0.00	3,000.00	(3,000.00)
Engineering Fees	0.00	0.00	12,000.00	(12,000.00)
Construction Expense	0.00	2,507.94	5,000.00	(2,492.06)
Equipment	0.00	1,686.95	0.00	1,686.95
Total expenses	7,990.53	86,590.25	170,000.00	(83,409.75)
Total Revenues Over/(Under)				
Expenditures - Ditches - General	5,877.89	(3,379.73)	(3,579.00)	199.27

Rice Creek Watershed District
Statement of Revenue and Expenditures - Ditch & Creek Maintenance - 80
For the One Month and Six Months Ending June 30, 2012
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	5,302.67	31,816.02	63,632.00	(31,815.98)
Income-Grants	0.00	2,500.00	0.00	2,500.00
Total Revenues	<u>5,302.67</u>	<u>34,316.02</u>	<u>63,632.00</u>	<u>(29,315.98)</u>
Expenses				
Legal Fees	440.00	2,218.00	5,000.00	(2,782.00)
Engineering	9,771.68	31,616.06	60,000.00	(28,383.94)
Total expenses	<u>10,211.68</u>	<u>33,834.06</u>	<u>65,000.00</u>	<u>(31,165.94)</u>
Total Revenues Over/(Under)				
Expenditures - Repair Reports	<u>(4,909.01)</u>	<u>481.96</u>	<u>(1,368.00)</u>	<u>1,849.96</u>
<u>ACD 10-22-32 Repair Report - 80-06</u>				
Revenues				
General Property Tax	19,946.08	119,676.48	239,353.00	(119,676.52)
Total Revenues	<u>19,946.08</u>	<u>119,676.48</u>	<u>239,353.00</u>	<u>(119,676.52)</u>
Expenses				
Printing	0.00	480.07	0.00	480.07
Postage	0.00	638.29	0.00	638.29
Legal Notices	1,087.56	1,328.40	0.00	1,328.40
Contracted Services	0.00	30,906.53	120,000.00	(89,093.47)
Legal Fees	765.00	3,169.00	20,000.00	(16,831.00)
Engineering	2,884.95	18,403.09	104,500.00	(86,096.91)
Total expenses	<u>4,737.51</u>	<u>54,925.38</u>	<u>244,500.00</u>	<u>(189,574.62)</u>
Total Revenues Over/(Under)				
Expenditures - Drainage Records	<u>15,208.57</u>	<u>64,751.10</u>	<u>(5,147.00)</u>	<u>69,898.10</u>
<u>JD-2/Hugo - 80-15</u>				
Revenues				
General Property Tax	3,263.17	19,579.02	39,158.00	(19,578.98)
Total Revenues	<u>3,263.17</u>	<u>19,579.02</u>	<u>39,158.00</u>	<u>(19,578.98)</u>
Expenses				
Contracted Services	0.00	0.00	40,000.00	(40,000.00)
Total expenses	<u>0.00</u>	<u>0.00</u>	<u>40,000.00</u>	<u>(40,000.00)</u>
Total Revenues Over/(Under)				
Expenditures - JD-2/Hugo	<u>3,263.17</u>	<u>19,579.02</u>	<u>(842.00)</u>	<u>20,421.02</u>
Total Revenue Over/(Under) Expenditure	<u>\$ 22,581.90</u>	<u>\$ 99,001.28</u>	<u>(14,415.00)</u>	<u>113,416.28</u>

Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2012
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	\$ 7,123.42	\$ 42,740.52	85,481.00	(42,740.48)
Interest Income	0.00	2,638.89	5,528.00	(2,889.11)
Total Revenues	<u>7,123.42</u>	<u>45,379.41</u>	<u>91,009.00</u>	<u>(45,629.59)</u>
Expenses				
Wages-Lake & Stream Mgmt.	5,444.07	23,974.38	51,302.00	(27,327.62)
Wages-Interns	2,417.68	2,572.00	6,000.00	(3,428.00)
Benefits-Lake & Stream Mgmt.	478.10	2,926.68	6,205.00	(3,278.32)
PERA-Lake & Stream Mgmt.	394.74	1,738.46	3,284.00	(1,545.54)
Payroll Taxes-Lake & Stream	589.76	1,973.50	3,925.00	(1,951.50)
Office Supplies	62.90	395.47	880.00	(484.53)
Printing-Lake & Stream	22.27	44.54	311.00	(266.46)
Rent	611.13	3,582.33	8,103.00	(4,520.67)
Telecommunications	142.52	912.65	1,430.00	(517.35)
Publications	0.00	0.00	110.00	(110.00)
Training & Education	0.00	0.00	825.00	(825.00)
Insurance and Bonds	0.00	1,557.36	2,200.00	(642.64)
Postage	68.94	68.94	660.00	(591.06)
Staff Travel	122.66	478.15	550.00	(71.85)
Vehicle Expense	0.00	635.77	1,500.00	(864.23)
Professional Services	0.00	33.67	0.00	33.67
Legal Fees	0.00	0.00	1,000.00	(1,000.00)
Engineering	0.00	0.00	3,000.00	(3,000.00)
Equipment	0.00	426.87	1,562.00	(1,135.13)
Equipment Lease	37.83	230.78	0.00	230.78
Repairs & Maint.-Lake & Stream	100.00	100.00	0.00	100.00
Total Expenses	<u>10,492.60</u>	<u>41,651.55</u>	<u>92,847.00</u>	<u>(51,195.45)</u>
Total Revenues Over/(Under)				
Expenditures - Lake & Stream Mgmt.	<u>(3,369.18)</u>	<u>3,727.86</u>	<u>(1,838.00)</u>	<u>5,565.86</u>
<u>BMP COST-SHARE PROGRAM - 90-01</u>				
Revenues				
General Property Tax	8,157.92	48,947.52	97,895.00	(48,947.48)
Income-Cost-Share	0.00	2,712.00	0.00	2,712.00
Total Revenues	<u>8,157.92</u>	<u>51,659.52</u>	<u>97,895.00</u>	<u>(46,235.48)</u>
Expenses				
Contracted Services	1,159.00	37,753.00	30,000.00	7,753.00
Legal Fees	0.00	92.50	0.00	92.50
Engineering-BMP Cost-Share	0.00	4,500.00	70,000.00	(65,500.00)
Construction-BMP Costshare	1,183.31	39,999.39	0.00	39,999.39
Total expenses	<u>2,342.31</u>	<u>82,344.89</u>	<u>100,000.00</u>	<u>(17,655.11)</u>
Total Revenues Over/(Under)				
Expenditures - BMP Cost-Share Program	<u>5,815.61</u>	<u>(30,685.37)</u>	<u>(2,105.00)</u>	<u>(28,580.37)</u>

Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2012

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	16,315.83	97,894.98	195,790.00	(97,895.02)
Miscellaneous Income	0.00	1,319.13	0.00	1,319.13
Total Revenues	16,315.83	99,214.11	195,790.00	(96,575.89)
Expenses				
Office Supplies	248.38	248.38	0.00	248.38
Supplies-Field	531.76	1,411.33	3,000.00	(1,588.67)
Computer Software	0.00	0.00	1,095.00	(1,095.00)
Printing	0.00	0.00	350.00	(350.00)
Telecommunications	0.00	15.58	1,000.00	(984.42)
Publications	0.00	0.00	300.00	(300.00)
Training & Education	0.00	100.00	1,975.00	(1,875.00)
Staff Travel	0.00	116.56	0.00	116.56
Vehicle Expense	276.70	579.06	1,500.00	(920.94)
Contracted Services	0.00	9,760.00	95,145.00	(85,385.00)
Legal Fees	0.00	0.00	500.00	(500.00)
Engineering	0.00	2,831.06	53,200.00	(50,368.94)
Equipment	0.00	2,780.01	19,435.00	(16,654.99)
Repairs & Maintenance	70.59	1,000.19	500.00	500.19
Lab Expense	3,351.00	3,351.00	22,000.00	(18,649.00)
Total expenses	4,478.43	22,193.17	200,000.00	(177,806.83)
Total Revenues Over/(Under)				
Expenditures - Lake & Stream Montr.	11,837.40	77,020.94	(4,210.00)	81,230.94
<u>BALD EAGLE LAKE TMDL - 90-06</u>				
Revenues				
General Property Tax	0.00	140,315.85	336,758.00	(196,442.15)
Grants-Bald Eagle TMDL	0.00	0.00	30,000.00	(30,000.00)
Total Revenues	0.00	140,315.85	366,758.00	(226,442.15)
Expenses				
Engineering Expense	0.00	12,157.21	0.00	12,157.21
Total expenses	0.00	12,157.21	0.00	12,157.21
Total Revenues Over/(Under)				
Expenditures - Bald Eagle Lake TMDL	0.00	128,158.64	366,758.00	(238,599.36)

**Rice Creek Watershed District
Statement of Revenue and Expenditures - Lake & Stream - 90
For the One Month and Six Months Ending June 30, 2012
See Accountant's Compilation Report**

	Current Month	Year to Date	Annual Budget	Over/(Under) Budget
<u>TMDL IMPLEMENTATION - 90-23</u>				
Revenues				
General Property Tax	7,994.75	47,968.50	95,937.00	(47,968.50)
Grant Income	0.00	0.00	152,000.00	(152,000.00)
Total Revenues	7,994.75	47,968.50	247,937.00	(199,968.50)
Expenses				
Contracted Services	0.00	19,702.00	150,000.00	(130,298.00)
Legal Fees	4,816.60	9,256.60	5,000.00	4,256.60
Acquisitions	0.00	0.00	35,000.00	(35,000.00)
Engineering	0.00	30,000.00	60,000.00	(30,000.00)
Total expenses	4,816.60	58,958.60	250,000.00	(191,041.40)
Total Revenues Over/(Under)				
Expenditures - TMDL Implementation	3,178.15	(10,990.10)	(2,063.00)	(8,927.10)
 <u>BALD EAGLE LAKE WMD - 90-24</u>				
Revenues				
General Property Tax	28,063.17	28,063.17	0.00	28,063.17
Bald Eagle-Special Assessment	0.00	0.00	65,000.00	(65,000.00)
Total Revenues	28,063.17	28,063.17	65,000.00	(36,936.83)
Expenses				
Legal Notices	0.00	0.00	2,000.00	(2,000.00)
Professional Services	0.00	0.00	3,000.00	(3,000.00)
Contracted Services	0.00	9,227.00	384,000.00	(374,773.00)
Legal Fees	0.00	0.00	10,000.00	(10,000.00)
Engineering-Bald Eagle	2,353.00	4,569.27	40,000.00	(35,430.73)
Total expenses	2,353.00	13,796.27	439,000.00	(425,203.73)
Total Revenues Over/(Under)				
Expenditures - Bald Eagle Lake WMD	25,710.17	14,266.90	(374,000.00)	388,266.90
Total Revenue Over/(Under) Expenditure	\$ 43,172.15	\$ 181,498.87	(17,458.00)	198,956.87

Rice Creek Watershed District
Statement of Revenue and Expenditures - District Facilities - 95
For the One Month and Six Months Ending June 30, 2012
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	\$ 4,830.17	\$ 28,981.02	57,962.00	(28,980.98)
Interest	0.00	377.62	792.00	(414.38)
Total Revenues	4,830.17	29,358.64	58,754.00	(29,395.36)
Expenses				
Contracted Services	0.00	0.00	52,000.00	(52,000.00)
Legal Fees	2,923.00	4,514.00	2,000.00	2,514.00
Engineering	0.00	1,230.00	6,000.00	(4,770.00)
Total Expenses	2,923.00	5,744.00	60,000.00	(54,256.00)
Total Revenues Over/(Under)				
Expenditures - Long Lake Sediment Basi	1,907.17	23,614.64	(1,246.00)	24,860.64
<u>OUTFALL & STRUCTURE ASSESSMENT& REPAIR - 95-03</u>				
Revenues				
General Propety Tax	6,118.42	36,710.52	73,421.00	(36,710.48)
Total Revenues	6,118.42	36,710.52	73,421.00	(36,710.48)
Expenses				
Legal Fees	0.00	592.00	5,000.00	(4,408.00)
Engineering	4,792.78	13,417.64	20,000.00	(6,582.36)
Construction	0.00	0.00	50,000.00	(50,000.00)
Total expenses	4,792.78	14,009.64	75,000.00	(60,990.36)
Total Revenues Over/(Under)				
Expenditures - Outfall & Structure	1,325.64	22,700.88	(1,579.00)	24,279.88
<u>EASEMENT OPERATION & MAINTENANCE - 95-04</u>				
Revenues				
General Propety Tax	1,631.55	9,789.30	19,579.00	(9,789.70)
Total Revenues	1,631.55	9,789.30	19,579.00	(9,789.70)
Expenses				
Supplies-Field	33.64	893.61	3,000.00	(2,106.39)
Contracted Services	1,275.00	1,275.00	14,000.00	(12,725.00)
Engineering	0.00	0.00	3,000.00	(3,000.00)
Construction Expense	0.00	109.94	0.00	109.94
Equipment	0.00	6,663.29	0.00	6,663.29
Total expenses	1,308.64	8,941.84	20,000.00	(11,058.16)
Total Revenues Over/(Under)				
Expenditures - Wall Wetland Restoration	322.91	847.46	(421.00)	1,268.46
Total Revenue Over/(Under) Expenditure	\$ 3,555.72	\$ 47,162.98	(3,246.00)	50,408.98

ITEMS FOR DISCUSSION AND INFORMATION

1. Staff Reports

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 20, 2012

From: Chris Buntjer

Subject: Technical Specialist/Permit Reviewer's Report for June 4, 2012 – June 20, 2012

Highlights for Preceding Month

- ✓ Meetings and Assistance to parties in need of pre-application/application assistance:
 - Forest Lake - Teamvantage 12-036
 - "The Preserve" Preiner Property – 07-064

- ✓ Permit Application Review
 - Accustream expansion - 12-047
 - Lakes International Language School – 12-049
 - Follow up on 2392 Leibel Road – 10-081
 - Historical review of 97-141, 07-028

- ✓ Meetings / Administration:
 - Training on RCWD rules
 - HydroCAD training
 - PAH/Coal-tar Webinar
 - Rule revision meetings
 - Inspections training

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 20, 2012

From: Dave Bauer

Subject: Inspector's Report for May 18, 2012 to June 19, 2012

Highlights for Time Period

- ✓ Completed 45 inspections, including meetings, documentation, and follow-up. 3 permits were closed and \$4,000 surety returned;
- ✓ Continued to worked with MN/DOT and Pulte Homes to reduce sediment loading in Lake Valentine. Ranis continue to fall on vulnerable portions of the 694 / US 10 interchange and the Fox Ridge Development which cause the northern bay of Lake Valentine to become turbid;
- ✓ Worked with Wildwood Elementary School construction staff to solve dewatering problem on the site. Used that moment to bring potential stormwater failures to their attention, which they are trying to address;
- ✓ Inspected 10-22-32 from I-35W to Marshan Lake with Tom and HEI;
- ✓ Identified two sites that are working without permits and am conducting follow-up accordingly;
- ✓ Worked with Kyle and Smith Partners to update the Ranallo Home file in preparation for a court case;
- ✓ Tested beta version of new inspection database;
- ✓ Performed lake sampling on Marshan and Rice Lakes in Lino Lakes;
- ✓ Served on Clean Water Summit Planning Committee – the topic this year is “soils and stormwater;”
- ✓ Served as Past-president of the Minnesota Association of Professional Soil Scientists; and
- ✓ Filmed RCWD Board meetings and posted them on YouTube.

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/20/12

From: Elizabeth Hosch

Subject: District Inspector's Report (May 16 through June 19, 2012)

Highlights from Preceding Month

- ✓ Conducted surety request, routine and follow-up inspections and investigations, as requested/necessary, totaling 25.
- ✓ Closed 5 permits and returned \$9,500 in surety.
- ✓ Worked through existing permits in the northern portions of the district, closing out and following up as necessary. (ongoing project)
- ✓ Prepared specific historic permits for Board decision. (ongoing project as time allows)
- ✓ Finished review and issued one administrative permit, to help with the workload.
- ✓ Started supervising new summer BMP Inspections intern, providing orientation, training, and introduction to the Rice Creek Watershed District.
- ✓ Started bi-weekly lake sampling of Locke and West Moore Lakes.
- ✓ Participated in ongoing inspections database conversations with HEI.
- ✓ Attended City staff meetings as appropriate.
- ✓ Acted as point of contact for IT concerns, facilitating communications with Solbrekk.

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: 6/18/2012

From: Matthew Kocian

Subject: Lake and Stream Report for May 17 – June 18, 2012

Highlights for Preceding Month

Bold indicates significant time commitments

- **Lake and Stream Monitoring**
 - **Stream WQ sample collection**
 - **Stream flow measurements**
 - **Lake water quality monitoring**
 - Data analysis and submittal to EQUIS database
 - Clear Lake plant survey
- Clear Lake Association meeting – attend and present info
- Bald Eagle Lake TMDL
 - Prep for grant application – meet with MPCA
- GIS
 - Various maps for RCWD staff projects / permits / grant applications
- Hardwood Creek Restoration Project
 - Finalize landowner Easement and associated agreements
 - Work with project engineer to “re-start” project
- Hwy 61 (White Bear Lake) stormwater treatment project
 - GIS work
 - Pre-project management
- Tiered Aquatic Life Uses (MPCA) update meeting
- CAMP
 - pick-up samples

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers

Date: June 20, 2012

From: Nick Tomczik

Subject: Permit Coordinator/Wetland Specialist's Report for May – June 2012

Highlights for Preceding Month

- ✓ Meetings and Assistance to parties in need of pre-application/application assistance:
 - Lino Lakes Linda Ave Resident
 - MnDOT Project 35W
 - Blaine Pheasant Ridge West
 - US Army Reserve Center
 - Insurance Auto Auctions, Columbus site
 - 12-036 Team Vantage Development
 - The Preserve Lino Lakes

- ✓ Wetland Delineation/Replacement/Exemption Application
 - Otter Lake Rd N. site visit
 - Anoka County Parks Campground Delineation
 - G-cubed Preiner Property Blaine
 - NW Quad 35E & Main Delineation
 - Palme Blaine Delineation

- ✓ Training
 - WPA Meeting
 - WPA Forum

- ✓ Meetings / Administration:
 - Blaine Gun Club potential development
 - Wetland Mitigation and Public Drainage
 - Alternative Sequencing St. Anthony
 - Houle Restoration/JD 4 Permitting
 - Office Assistant Discussion
 - RCWD Rule Revision
 - Process 10-22-32 wetland credit use
 - Volume Control in Rule Revision
 - BWSR Meeting RMP Revision
 - East Lino Lakes Study Discussion
 - HEI/Smith Partners/RCWD Communication Board Meetings & Workshops (agenda items, participation)

MEMORANDUM
Rice Creek Watershed District

To: Board of Managers **Date:** 6/20/2012
From: Theresa Stasica
Subject: Office Manager 5/17/2012 through 6/20/2012

- Coded invoices for payment this month which were reviewed by Phil and sent to Nancy to via an excel spreadsheet.
- Deposited checks.
- Updating/confirming new database surety/LOC information.
- Placed orders for supplies as needed.
- Reviewed and edited minutes.
- Assembled and distributed board packets. Organize the board packet as a pdf format for Internet distribution.
- Updated materials on the website.
- Attended board meetings.
- Sent out appropriate notices for upcoming public information meetings and USWR projects.
- Attended staff meetings.
- Receiving and entering permit information new and old, issued permits.
- Help organize storage
- Assisted staff in their daily activities.
- Scanning documents that District receives into Laserfiche.
- Maintained filing system.
- Answered phones and assist public.
- Organize display/educational material pickup for public

MEMORANDUM

Rice Creek Watershed District

To: Board of Managers

From: Tom Schmidt – RCWD Public Drainage Inspector

Subject: Staff Report for May/June 2012

Date: June 20th, 2012

Highlights for Preceding Month(s)

- ✓ Continued to meet and talk with ACD 10-22-32 & ACD #15/AWJD #4 landowners concerning repair reports as well as other landowners on various drainage systems regarding drainage concerns (ongoing);
- ✓ Started AWJD #4 main branch clean-out through Houle/Hair (Scandia Trucking) (in-progress);
- ✓ Obtained quotes for Jordell Street culvert replacement plans and awarded project (in-progress);
- ✓ Contracted for the spreading of spoil banks on ACD #10-22-32 south of Pine Street and seeded (complete);
- ✓ Contracted with Scandia Trucking for repair of tile blowout on WCD #6 in Forest Lake (complete);
- ✓ Contracted with Scandia Trucking for minor maintenance on AWJD #4 south of Houle in Columbus (complete);
- ✓ Completed agreements and preparation for City of Blaine municipal drainage inspection program (ongoing);
- ✓ Assisted the City of Columbus on several culvert washouts related to the public drainage system
- ✓ Assisted staff with technical questions/data collection (ongoing).

Upcoming Activities

- Continued assistance and field inspections for repair reports for JD# 4 and ACD #10-22-32 (ongoing);
- Continued assistance for Houle Wetland Banking application/site preparation (ongoing);
- Complete planned maintenance projects on various drainage systems (ongoing);
- Prepare and present 2011 Public Drainage System Inspection report at second July Board meeting (ongoing);
- Assist staff with construction activities and data collection.

ITEMS FOR DISCUSSION AND INFORMATION

2. July Calendar

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

To: RCWD Board of Managers
 From: Theresa
 Date: June 20, 2012
 Subject: Significant Dates during Month of July 2012

- Wednesday, July 4** NO Advisory Committee Meeting
- Wednesday, July 4** Independence Day, Office Closed
- Monday, July 9, 3:30 p.m.** Board Workshop
RCWD District Conference Room
- Wednesday, July 11, 9:30 a.m.** Regular Board of Managers Meeting
at Shoreview City Hall Council Chambers
- Wednesday, July 25, 9:30 a.m.** Regular Board of Managers Meeting
at Shoreview City Hall Council Chambers

Deadline for submission of per diem claims is July 17