

RICE CREEK WATERSHED DISTRICT

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

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RCWD BOARD OF MANAGERS AGENDA

Wednesday, June 8, 2011, 9 a.m.

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

Agenda

- 1
- 2 **CALL TO ORDER**
- 3 **ROLL CALL**
- 4 **Present:** President Patricia Preiner, 1st Vice President Barbara Haake, 2nd Vice President John
- 5 Waller, Treasurer Rick Mastell
- 6 **Absent:** Secretary Harley Ogata (with prior notice)
- 7 **Staff Present:** Administrator Phil Belfiori, Permit Coordinator/Wetland Specialist Nick Tomczik,
- 8 Office Manager Theresa Stasica, Inspector Dave Bauer
- 9 **Consultants:** District Engineer Chris Otterness from Houston Engineering, Inc. (HEI); District
- 10 Attorney from Smith Partners
- 11 **Visitors:**
- 12 **SETTING OF THE AGENDA**
- 13 **APPROVAL OF MAY 25, 2011 REGULAR BOARD MEETING MINUTES**
- 14 **CONSENT AGENDA**
- 15 The following items will be acted upon without discussion in accordance with the staff recommendation and
- 16 associated documentation unless a Manager or another interested person requests opportunity for discussion:
- 17
- 18

19 **Table of Contents**

20 **PERMIT APPLICATIONS REQUIRING BOARD ACTION**

21 No.	Applicant	Location	Plan Type	Recommendation
22 11-023	City of Arden Hills	Arden Hills	Street & Utility Rehabilitation	CAPROC 5 items

23 *It was moved by Manager _____ and seconded by Manager _____, to approve the consent agenda as*
 24 *outlined in the above Table of Contents in accordance with RCWD District Engineer's Findings and Recommendations.*

25 **OPEN MIKE - LIMIT 12 MINUTES**

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

31 **PUBLIC HEARING ON CITY OF HUGO 2011 URBAN STORMWATER REMEDIATION**
 32 **PROGRAM COST-SHARE REQUESTS**

33 **ITEMS REQUIRING BOARD ACTION**

- 34 1. Consider 2011 Urban Stormwater Remediation Program Project Ordering & Certification
 35 (Phil Belfiori)
- 36 2. Consider Check Register dated 6/8/2011, in the amount of \$50,148.81 prepared by HLB
 37 Tautges Redpath

38 **ITEMS FOR DISCUSSION AND INFORMATION**

- 39 1. Demonstrate the permit database and the current on-line resources of the District – Houston
 40 Engineering
- 41 2. Staff and Engineer's Update and Timeline (Phil Belfiori and Chris Otterness)
- 42 3. Manager's Update

43 **ADJOURNMENT**

44 **WORKSHOP FOLLOWING MEETING**

- 45 1. Long Range Project Planning discussion.

**APPROVAL OF MAY 25, 2011 REGULAR BOARD
MEETING MINUTES**

DRAFT

For Consideration of Approval at the June 8, 2011 Board Meeting.
Use these minutes only for reference until that time.

REGULAR MEETING OF THE RCWD BOARD OF MANAGERS

Wednesday, May 25, 2011

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

Minutes

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ROLL CALL

- Present: President Patricia Preiner, 2nd Vice-Pres. John Waller, Secretary Harley Ogata, and Treasurer Rick Mastell.
- Absent: 1st Vice President Barbara Haake (with prior notice)
- Staff Present: Administrator Phil Belfiori, Permit Coordinator/Wetland Specialist Nick Tomczik, Water Resource Specialist Kyle Axtell, Office Manager Theresa Stasica, Inspector Dave Bauer
- Consultants: District Engineer Mark Deutschman, Brent Johnson, and Project Engineer Joe Lewis, Houston Engineering, Inc. (HEI); District Attorney Chuck Holtman from Smith Partners
- Visitors: Roger Schilling, Perry Wagamon

CALL TO ORDER

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

SETTING OF THE AGENDA

Motion by Manager Mastell, seconded by Manager Ogata, to adopt the agenda as presented. Motion carried 4-0.

READING OF THE MINUTES AND THEIR APPROVAL

Minutes of the May 9, 2011, Board of Managers Workshop Meeting. Motion by Manager Mastell, seconded by Manager Ogata, to approve the minutes as presented. Motion carried 4-0.

Minutes of the May 11, 2011, Board of Managers Meeting and Workshop Meeting. Motion by Manager Mastell, seconded by Manager Ogata, to approve the minutes as presented. Motion carried 4-0.

PERMIT APPLICATIONS REQUIRING BOARD ACTION

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

CONSENT AGENDA

No.	Applicant	Location	Plan Type	*Recommendation
09-037	Aeon	Roseville	Land Development	CAPROC 3 items

No.	Applicant	Location	Plan Type	*Recommendation
11-021	Powerhouse LP	White Bear Township	Land Development	CAPROC 6 items
11-029	Washington County Public Works	Forest Lake	Street & Utility Construction	CAPROC 4 items

Historic Files/Permits Requiring Board Action for Resolution

No.	Applicant	Location	Recommendation
02-122	Dave Gonyea	Roseville	Use Surety money to obtain a copy of the recorded plat (estimated \$75), remove all temporary BMP's on site (estimated \$500) and accept the infiltration basin as an extension of the pond. Authorize administrator to use surety to reimburse RCWD \$247.69 to cover staff time in permit compliance, returning the remaining balance of approximately \$2,700 to the applicant.

Manager Mastell asked if there was anything out of the ordinary in completing permit 02-122. Wetland Specialist Tomczik responded silt would need to be removed from the site, the event would be recorded, and the auditors would be informed as to the actions taken. He indicated the funds would be moved all at once when the activity takes place.

It was moved by Manager Mastell and seconded by Manager Ogata, 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. Motion carried 4-0.

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.

Roger Schilling, lives where Rice Creek enters Long Lake at the end of the Mississippi, stated his reason he was here today was because he had heard the future dredging where Rice Creek enters into the lagoon/cove would not happen. He stated the problem had to be fixed and could not be ignored. He had previously recommended minimizing the cove outlet and this would minimize the amount of sedimentation going into the cove. He would like the District to re-visit the situation. He believed that District should use the dredged sedimentation to grow the outlet side of the island. He stated with the high water it was very visible what was occurring. The narrowing of the outlet would reduce the flow of water. He invited someone to come out and look at the area. He requested another opinion. He asked this problem not be ignored.

President Preiner recessed the regular meeting and called the public hearing to order.

PUBLIC HEARING ON CITIES OF ARDEN HILLS, LINO LAKES AND SAINT ANTHONY 2011 URBAN STORMWATER REMEDIATION PROGRAM COST-SHARE REQUESTS ITEMS REQUIRING BOARD ACTION

President Preiner stated the public hearing was on the Rice Creek Watershed District's proposed selection of projects for funding through the District's Urban Stormwater Remediation Cost-Share Program.

86
87 She indicated the purpose of the hearing was to hear comments and take testimony from parties having an interest in the
88 proposed projects that the Board has tentatively approved for cost-sharing in the Cities of Arden Hills, Lino Lakes, and
89 Saint Anthony.

90
91 She asked Water Resource Specialist Axtell to provide a summary of the proposed projects.

92
93 Water Resource Specialist Axtell summarized the three projects selected for funding through the District’s Urban
94 Stormwater Remediation Cost-Share Program.

95
96 President Preiner stated the purpose of the hearing was to receive comments from interested parties and it was not
97 designed to get into a discussion with Board members. The Board members are to hear comments only. She invited the
98 public to the microphone for anyone wishing to make comments.

99
100 President Preiner opened the Public Hearing.

101
102 There were no comments made at the Public Hearing.

103
104 President Preiner closed the Public Hearing. Manager Waller requested re-opening the hearing so he could make a
105 statement.

106
107 President Preiner re-opened the Public Hearing.

108
109 Manager Waller asked who owns the property the projects are on. Water Resource Specialist Axtell responded City of St.
110 Anthony and the City of Lino Lakes were public City Park property. The City of Arden Hills project was in the road right-
111 of-way areas on a City parcel.

112
113 Manager Waller asked if the District received any tax revenue on the properties. District Administrator Belfiori stated staff
114 would look into this, but if they were public parcels were not subject to tax revenue.

115
116 Manager Waller stated to him there was a difference between using tax money and getting something in return and gifts.
117 He expressed concern there was no benefit and there would be no tax revenue coming back to the District over a time
118 period. He believed these needed to be recorded to the taxing authorities in the future.

119
120 President Preiner closed the Public Hearing.

121
122 President Preiner reconvened the regular meeting.

123
124 President Preiner recommended Manager Waller’s issue be brought to a workshop meeting for further discussion.
125

126 **ITEMS REQUIRING BOARD ACTION**

- 127 **1. Consider 2011 Urban Stormwater Remediation Program Project Ordering & Certification (Kyle Axtell)**
128 ***Motion by Manager Mastell, seconded by Manager Ogata, to approve Resolution 2011-14, Resolution for***
129 ***Ordering of 2011 Urban Stormwater Remediation Cost-Share Projects, Pursuant to Minnesota Statutes***
130 ***§103B.251.***

131
132 **ROLL CALL:**

- 133 **Manager Haake – Absent**
- 134 **Manager Mastell – Aye**
- 135 **Manager Ogata – Aye**
- 136 **Manager Waller – Aye**
- 137 **President Preiner - Aye**

138
139 **Motion carried 4-0-1.**

140
141 **2. Consider Hugo’s South Ethan Avenue Urban Stormwater Remediation Cost-Share Request (Kyle Axtell)**

142 Water Resource Specialist Axtell stated this proposal had been tabled from the last meeting for staff to bring forth
143 additional information as to how the funding of the project was currently anticipated to be split between
144 residents and other funding sources.

145
146 City of Hugo’s Engineer Pete Willenbring stated he was at the meeting to answer any questions the Board had
147 regarding the cost-share request. President Preiner asked if the project would be assessed to the property owners.

148
149 Mr. Willenbring stated there was an assessment program where the residents were generally paying approximately
150 half with the City paying for the remaining half for the improvements. He stated there were a lot of different
151 options available for were the funding would go from the District. He indicated they were open to any
152 suggestions.

153
154 Manager Waller stated this particular project benefitted private properties and the City would be making a notice
155 to the County Recorder regarding the improvements. He stated the City and County would then receive a
156 benefitted property to tax and there would be more revenue coming back in which the District would receive
157 their money back over a number of years. Mr. Willenbring responded that was correct. He noted the City was
158 encouraging proper abandonment of private wells which would improve the water quality.

159
160 Manager Waller believed this was a good program as the District would receive revenue over the long haul. He
161 stated he was interested in doing these projects with other cities in the watershed.

162
163 Manager Ogata stated he had also asked what had been done about this issue in the past and had the District
164 participated in the past. He stated he did not disagree with Manager Waller’s position regarding the water quality
165 benefits, but he wanted to know if it fit within the parameters the program was set up for and even if it fit within a
166 broad sense were they expanding the use of the program as it had not been used before. He asked if there would
167 be a drain on the funds available. Water Resource Specialist Axtell responded he had looked into the District’s
168 past use of funds and the District had done a project like this with the City of Hugo in 2007-2008. He stated that
169 was the only project he could find records on. He stated he had sent requests for information from various other
170 watershed districts but he only heard back from Valley Branch and Comfort Lake/Forest Lake. Neither had
171 programs like that but they both that projects like this had value.

172
173 Manager Ogata stated the District took the program and cut it half from the year before and now the District is
174 receiving a lot more participation. He asked for Water Resource Specialist Axtell opinion. Mr. Axtell responded
175 that each application is looked at for which project will bring the most value. Staff supports the approval of the
176 project because it is a significant area that will be sewerred and provide a significant increase in water quality. Mr.
177 Axtell believed there weren’t a lot of areas in the District like this Hugo project, maybe Bald Eagle area.

178

179 Manager Ogata stated he wanted to approach this beyond Bald Eagle if they had funding available. Water
180 Resource Specialist Axtell responded there was a benefit in doing the projects.

181
182 President Preiner recommended this issue be revisited at a future workshop.

183
184 Manager Waller stated he did not believe the issue should be revisited as this improved water quality. He stated in
185 his opinion this was an exception to the program as there would be a benefit received and the District would
186 eventually receive its money back. He stated the other applications made, the District would not have received its
187 money back. He believed government should have a helping hand with a return.

188
189 Manager Ogata stated the point made about this being site specific was a good point. He stated he originally
190 understood the money would not be returned to the landowners, but the letter indicated the funds would be pro-
191 rated back to the landowners. He stated he agreed that the Managers should look at this proposal further and
192 talking about it more would not hurt.

193
194 Manager Mastell stated the District could only do so much and there would always be a review process. He
195 indicated the best quality project would win and they were making up for a lot of lost time over the past 30 years.

196
197 ***Motion by Manager Waller, seconded by Manager Mastell, to preliminarily approve the City of Hugo South***
198 ***Ethan Avenue Street and Utility Improvements USWR Cost-Share project. Motion carried 4-0.***

199
200 ***Motion by Manager Waller, seconded by Manager Mastell, to hold the public hearing for the City of Hugo***
201 ***South Ethan Avenue Street and Utility Improvements USWR Cost-Share project at the next Board meeting on***
202 ***June 8, 2011 9 a.m. Motion carried 4-0.***

203
204 **3. Consider Long Lake Inlet Project – Authorize Bids (Phil Belfiori)**

205 District Administrator Belfiori recommended the Managers acknowledge receipt of the plans and specifications
206 and authorize bids for the Rice Creek/Long Lake Inlet Basic Water Management project.

207
208 Project Engineer Lewis summarized the project plans and specifications for the Board. He indicated soil borings
209 had been done. He noted one soil sample did show slight contamination and that was included in the bid. He
210 stated considerable amount of effort had been taken with the Ramsey County Park Department and their
211 disturbed property. He presented the plans- one for mechanical dredging and the other for hydraulic dredging
212 and he showed the areas being worked on. Hydraulic dredging could occur this summer or fall but mechanical
213 dredging would happen in either January or February of next year.

214
215 Manager Ogata asked if there would be a need for all of the items if the hydraulic method was done. Project
216 Engineer Lewis responded temporary chain link fence for several years would be excluded along with plantings.

217
218 Manager Mastell asked in the estimate if the sale of the dredged material was included. Project Engineer Lewis
219 responded that was not included in the estimate.

220
221 Manager Mastell believed the City requested fencing regardless. Project Engineer Lewis responded the City had
222 not made any comments.

223

224 District Engineer Deutschman stated the County wanted fencing for five years if the mechanical method was
225 chosen. He stated they have added into the documents some dates in terms of substantial delivery, so the
226 retainage money was not held onto for five years if something was necessary to deal with.

227
228 Manager Mastell asked where the contamination was found. Project Engineer Lewis pointed out the
229 contamination was adjacent to the island. He noted the contamination was barely above the threshold.

230
231 District Engineer Deutschman stated as mentioned the contamination was so small that they actually questioned
232 the laboratory regarding the accuracy of the analysis. He stated staff did some additional work in the area to
233 determine where the peat limits were to find the boundary of the level 1 material and level 2 materials.

234
235 President Preiner asked if the bidding would go out separately and would they be required to take the lower one.
236 District Administrator Belfiori responded that cost was just one of many factors the Board could use in selecting a
237 bid.

238
239 District Engineer Deutschman stated he believed the past decision of the Board was that they would maintain the
240 west cove inlet in the future, but not both inlets. He stated they were not closing down the west cove inlet as
241 requested because ownership of the island. He stated the island has two owners and the District did not have the
242 right to put sediment on the island to build it out. He stated the DNR also would not allow the putting of
243 sediment above the ordinary high water mark. He stated legal counsel was working on drafting an agreement with
244 Ramsey County Parks for access to the project. He stated they had received some questions from the Army Corp
245 of Engineers (ACOE) regarding permitting and a letter had been sent back to them. They did not anticipate any
246 permitting issues with the ACOE.

247
248 District Administrator Belfiori stated the agreement was currently under review and one of the things initially
249 stated was the inability to give a permanent type of easement or access, which might be a point of contention in
250 the future. He stated they had identified a date of July 15, 2011 for Ramsey County Parks to reply to if they
251 wanted the dredged material. Ramsey County Parks had verbally identified to the District that the date might not
252 be able to be met, which might also be a point of contention.

253
254 Manager Waller asked who owned the island. District Attorney Holtman responded the island was owned by the
255 state under the management of the County Auditor's office. He indicated this was tax forfeited land. He noted
256 the County had the authority over the island.

257
258 ***Motion by Manager Mastell, seconded by Manager Ogata, to acknowledge receipt of final project plans and***
259 ***specifications from Houston Engineering and authorize staff with assistance from Houston Engineering to***
260 ***solicit bids for project construction of the Rice Creek/Long Lake Inlet Basic Water Management Project. Motion***
261 ***carried 4-0.***

262
263 **4. Consider Anoka County Ditch 10-22-32 Resolution and Timeline/Status (Phil Belfiori)**
264 District Administrator Belfiori stated this project involved a significant timeline and if the Managers approve the
265 Resolution it would involve a 7-8 month ACD 10-22-32 repair proceedings. He reviewed the remaining tasks to be
266 completed.

267
268 District Engineer Deutschman summarized the addendum material including the map of the alternative/preferred
269 recommendation for the project and the recommended cost breakdown. He noted the project maintained the
270 irrigation function as it was an existing use. He stated in terms of the cost allocation, the main message was that

271 the current cost allocation was Manager Ogata’s recommendation. He stated a plan amendment would need to
272 be done to put the water management district in place. He indicated this would require a public hearing.

273
274 Manager Mastell asked if at the Jodrell Drive “dam” would the existing culvert be lowered and would two culverts
275 be installed. District Engineer Deutschman responded he did not recall, but he believed the culvert would be
276 lowered by tearing up the road and setting it down.

277
278 Manager Waller noted there was some pending legislation at the state. He asked what impact would that have on
279 projects. District Engineer Deutschman responded regarding wetland mitigation, the District was estimating
280 about \$28,000.00 acre per cost saving, which could be a substantial savings.

281
282 ***Motion by Manager Ogata, seconded by Manager Mastell, to approve Resolution No. 2011-15, Resolution***
283 ***Accepting the Engineer’s Repair Report Addendum for Anoka County Ditch 10-22-32 and Directing Further***
284 ***Repair Proceedings.***

285
286 **ROLL CALL:**
287 ***Manager Haake – Absent***
288 ***Manager Mastell – Aye***
289 ***Manager Ogata – Aye***
290 ***Manager Waller – Aye***
291 ***President Preiner - Aye***

292
293 ***Motion carried 4-0-1.***

294
295 **5. Consider Houston Engineering Inc. Task Order on Wetland Inventory Plan and Resolution (Phil Belfiori)**
296 District Administrator Belfiori stated this was a Task Order for wetland placement opportunity analysis pending
297 legislation. He stated the District would be the first do to this type of analysis and would be working closely with
298 BWSR staff.

299
300 ***Motion by Manager Mastell, seconded by Manager Ogata, to approve Resolution 2011-16, Resolution***
301 ***Authorizing Preparation of a Comprehensive Inventory of Replacement Opportunities and Watershed***
302 ***Conditions; Development of Alternative Legislation.***

303
304 Manager Waller stated he wanted a cost accounting kept of how much time was being put into this. He stated it
305 was best to keep these costs down.

306
307 **ROLL CALL:**
308 ***Manager Haake – Absent***
309 ***Manager Mastell – Aye***
310 ***Manager Ogata – Aye***
311 ***Manager Waller – Aye***
312 ***President Preiner - Aye***

313
314 ***Motion carried 4-0-1.***

315
316 **6. Consider Department of Natural Resources Request to Address Former Lamphrey WMA Deed issue (Phil**
317 **Belfiori)**

318 District Administrator Belfiori stated this was a request from the DNR to address an error in the DNR’s legal
 319 description and ultimately the parcels that were conveyed to the RCWD for the former Lamprey Pass WMA. He
 320 indicated this was simply an error that had been in place in the DNR documents. He recommended the District
 321 quitclaim back to the DNR the parcel just south and adjoining Hwy. 97 and in turn/concurrently that the DNR
 322 would convey to the RCWD the 3.2 acre parcel outlot next to/adjoining the “main” section/south unit of Lamprey
 323 Pass former WMA.

324
 325 Manager Mastell asked if this was recorded correctly. District Administrator Belfiori responded it had not been
 326 recorded correctly.

327
 328 Manager Waller asked if this parcel had been declassified by the legislature. District Administrator Belfiori believed
 329 it was no longer a WMA parcel. He noted the appraisal the Board authorized and approved by Clay Dodd
 330 appraised the “now” corrected area, so the District only paid for 50 acres. He stated the District paid for the
 331 correct amount of Lamprey Pass and no funds would need to be transferred.

332
 333 ***Motion by Manager Ogata, seconded by Manager Mastell, to authorize that the RCWD quitclaim back to the***
 334 ***DNR the parcel just south and adjoining Hwy. 97 (9.7 ac. In size) and in turn/concurrently that the DNR would***
 335 ***convey to RCWD the 3.2 ac. Parcel outlot next to/adjoining the “main” section/south unit of the Lamprey Pass***
 336 ***former WMA and authorize the Board President to execute the necessary documents. Motion carried 4-0.***

337
 338 **7. Consider Check Register dated 05/25/11, in the amount of \$341,063.09, prepared by HLB Tautges Redpath.**
 339 ***Motion by Manager Mastell, seconded by Manager Ogata, to approve check register dated 05/25/11, in the***
 340 ***amount of \$341,063.09, prepared by HLB Tautges Redpath. Motion carried 4-0.***

341

342 **ITEMS FOR DISCUSSION AND INFORMATION**

343 **1. Wetland Banking Discussion (Phil Belfiori, Tom Schmidt, and Mark Deutschman)**

344 District Administrator Belfiori presented the Wetland Mitigation Summary for RCWD Drainage System (planned)
 345 repairs. He stated staff was looking for direction as to acquisition of credits, bank versus creation and looking at
 346 metro vs. non-metro if the bank was something they wished to pursue.

347
 348 Manager Mastell asked if there would be an issue of holding the wetland credit out to the future. District
 349 Administrator Belfiori responded right now it was his understanding there had to be concurrent replacement
 350 before the impact was done.

351
 352 President Preiner asked if they proceeded with bank, would they have to have the credit before they could
 353 proceed. District Engineer Deutschman responded he believed the District Administrator was correct in that
 354 there had to be concurrent replacement. He stated it would be nice to have some credit purchased already to go
 355 and then develop bank sites at the same time so when those credits became available they could be used for other
 356 projects.

357
 358 District Attorney Holtman stated he believed there might be a distinction where if they were impacting wetlands,
 359 credits needed to be in the bank, but if the District was creating wetland offsite to create its own impacts, he
 360 believed the Rules would allow the impacts in advance with assurances for wetland credits. He stated this would
 361 need to be looked at further.

362
 363 Manager Waller stated this was ridiculous and if no net loss was such an important thing, then why not purchase
 364 the rights back directly. He noted this would cut out some of the paperwork.

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President Preiner stated she believed they should go ahead and find out what people were willing to sell for also.

Manager Mastell stated the age old question was what things cost and just because someone was asking a certain price, didn't mean that was what they would get.

2. Staff reports

There were no comments.

3. June Calendar

There were no comments.

4. Manager's Update

Manager Waller congratulated Manager Ogata for being fortunate enough to live on Bald Eagle Lake as that lake had been designed as the top walleye fishing lake.

President Preiner stated there had been some talk about the workshop timing and she asked if later would be better for the summertime. The Board decided to hold the workshop meetings at 4:30 p.m. The next workshop meeting would be held on June 13 at 4:30 p.m. at the office instead of June 6.

ADJOURNMENT

Motion by Manager Mastell, seconded by Manager Waller, to adjourn the meeting at 10:44 a.m. Motion carried 4-0.

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	Location	Plan Type	Recommendation
11-023	City of Arden Hills	Arden Hills	Street & Utility Rehabilitation	CAPROC 5 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 District Engineer's Findings and Recommendations.

**RICE CREEK WATERSHED DISTRICT
CONSENT AGENDA**

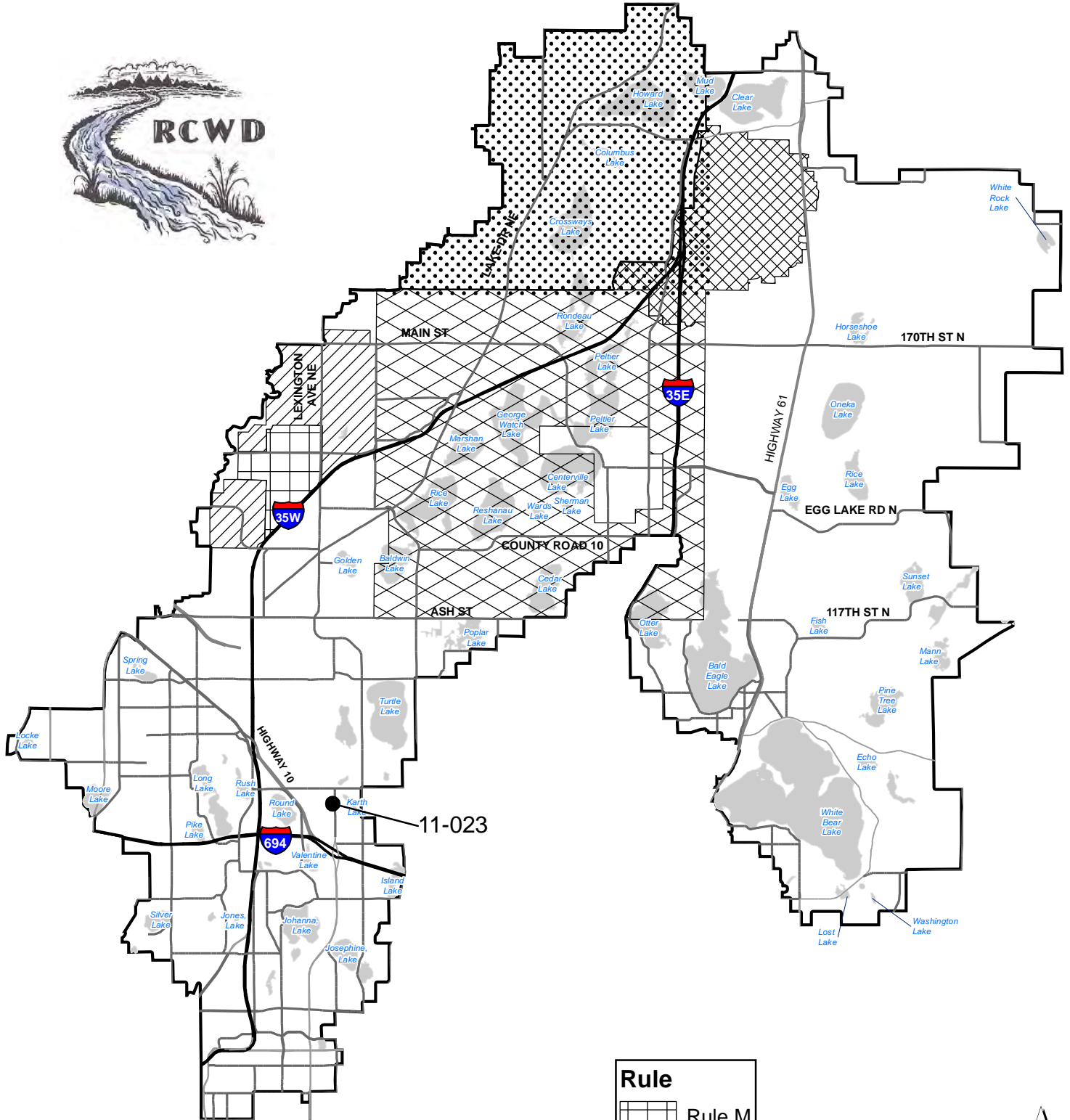
June 8, 2011

It was moved by _____ and seconded by _____ to Approve, Conditionally Approve Pending Receipt Of Changes, or Deny, 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 Report dated June 1, 2011.

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11-023	City of Arden Hills	16	CAPROC

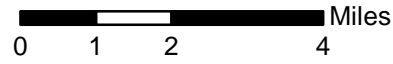
Rice Creek Watershed District



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



Permit Reviews
6/8/2011 Agenda



Maple Grove
P: 763.493.4522
F: 763.493.5572



Permit Application Number:

11-023

Permit Applicant Name:

2011 Pavement Management Program

Applicant:

Consultant:

Kristine Giga
City of Arden Hills
1245 W Highway 96
Arden Hills, MN 55112
Ph: 651-792-7849
Fx: 651-634-5137
Kristine.giga@ci.arden-hills.mn.us

Project Name: 2011 Pavement Management Program

Purpose: S&UC - Street and utility rehabilitation, watermain replacement, utility repairs and drainage improvements for approximately 2.2 miles of residential street within the City of Arden Hills.

Site Size: 2.2 miles of roadway, 8.92 acres of existing impervious surface, 8.90 acres (0.75 acres of reconstruction and 8.15 acres of rehabilitation) of proposed impervious surface and 9.03 acres of disturbed area.

Location: Project is located in the City of Arden Hills, Ramsey County, MN. Street and utility improvements are planned for the following residential streets:

- Amble Road (Hamline Avenue to dead end)
- Arden View Court (Arden View Drive to cul-de-sac)
- Arden View Drive Entrance/Exit (Hamline Avenue to Arden View Drive)
- Arden View Drive (Arden View Court to 761' east of Royal Hills)
- Colleen Court (Colleen Avenue to cul-de-sac)
- Dellwood Street (Nursery Hill Court to Amble Road)
- Janet Court (Lake Valetine Road to cul-de-sac)
- Nursery Hill Lane (Hamline Avenue to Nursery Hill Court)
- Nursery Hill Court (Nursery Hill Lane to cul-de-sac)
- Wyncrest Lane (Hamline Avenue to cul-de-sac)
- Wyncrest Lane (Wyncrest Court to Wynrdige Drive)
- Wynrdige Drive (Wyncrest Court to cul-de-sac)

T-R-S: Section 22, T30N, R23W

District Rule: C, D, F

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. Adequate pretreatment measures must be provided before discharge of runoff to the BMPs.

Rule D – Erosion and Sediment Control

2. Submit the following information per Rule D.4:
 - (b) Tabulation of the construction implementation schedule.
 - (e) Clear identification of all permanent erosion control measures such as outfall spillways and riprap, and their locations.
 - (g) Provide documentation that an NPDES Permit has been applied for and submitted to the Minnesota Pollution Control Agency (MPCA) if project disturbs 1 or more acres.
3. The NPDES permit and SWPPP shows a disturbed area of 8.65 acres while the narrative indicates a disturbed area of 9.03 acres. Applicant must verify correct disturbed area.

Rule F – Wetland Alteration

4. The defined area of “upland per RCWD 4/19/11” on sheets 16 and 22 extends beyond the flags placed by RCWD. The applicant must adjust the wetland line in the plans to represent only the flags placed by RCWD.

Administrative

5. A Draft Declaration of Maintenance must be provided by the applicant. However, since the applicant is a public entity they may enter into a maintenance agreement with the District in lieu of a Declaration of Maintenance. The public entity maintenance agreement with RCWD for the maintenance of the stormwater features must include the regular inspection and maintenance of the pre-treatment measures.

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

1. The applicant must provide an as-built survey and revised volume calculations based on the methods outlined in the findings for all stormwater management BMPs (infiltration features, trenches, swales, etc.). The final water quality and volume control debit or credit will be granted by the District based on the as-built information.

Exhibits:

1. 2011 Pavement Management Construction Plans (multiple pages - 31 pages) dated 1-31-2011 and received 3-23-2011. Plans include sanitary sewer, water main and street reclamation.
2. Revised 2011 Pavement Management Construction Plans (sheets 14-17, 22 and 25) dated 1-31-2011 and received 5-11-2011. Plan sheet replace sheets of 3-23-2011 submittal.

3. Rice Creek Watershed District permit application dated 3-18-2011 and received on 3-21-2011.
4. Narrative of the current project dated 3-18-2011 and received on 3-21-2011.
5. Houston rule clarification email dated 2-17-2011 and received 3-21-2011.
6. Geotechnical evaluation report dated 9-28-2010 and received on 3-21-2011.
7. Resubmittal narrative of the project dated 5-10-2011 and received on 5-10-2011.
8. Project corridor map not dated and received on 5-10-2011.
9. Table of BMP volume calculations not dated and received on 5-10-2011.
10. Outlet structure detail date 5-2011 and received 5-10-2011.
11. Ecosystem specifications not dated and received on 5-10-2011.
12. Signed NPDES permit application dated 5-5-2011 and received on 5-10-2011.
13. SWPPP not dated and received on 5-10-2011.
14. Hydrologic model for 2-, 10-, 100- and snowmelt event dated and received by email on 5-19-2011.
15. Revised project corridor map not dated and received on 5-24-2011.
16. Email narratives dated and received 5-24-2011.
17. Revised table of BMP volume calculations not dated and received on 5-24-2011

Findings:

1. Description – The project is classified as street and utility rehabilitation of a public linear project located within the City of Arden Hills at the aforementioned residential streets. The project consists of bituminous reclamation of the roadway with new bituminous pavement, isolated curb and gutter section replacement, roadway reconstruction of approximately 2,200 feet of water main and spot repair of sanitary sewer and storm sewer for approximately 2.2 miles of residential street within the City of Arden Hills. The proposed project will consist of 0.75 acres of reconstructed roadway and 8.15 acres of rehabilitated roadway. The City proposes to provide the required stormwater treatment for the project by using small scale infiltration features located within the public right-of-way boulevards adjacent to the curb or on City owned property.
2. Stormwater – The portion of the project along Arden View Drive and Arden View Court that includes reconstruction of the water main will disturb approximately 34% of the combined street impervious area for these two streets. This amount of impervious disturbance exceeds the incidental limits for these two streets. Water quality and volume control treatment is required for the portion of Arden View Drive and Arden View Court disturbed by watermain repair and the directly connected impervious surface area within the project corridor in the area of the watermain repair (i.e. 33,000 sq. ft. street impervious area disturbed by water main excavation and 53,980 sq. ft. of directly connected impervious area within the project corridor). The remaining streets within the project will receive a full-depth mill and overlay which is considered rehabilitation along with spot repairs of the curb and gutter, the sanitary sewer and the storm sewer. These areas of

spot repairs are considered incidental. Therefore, no water quality and volume control treatment is required for the areas of spot repair and rehabilitation.

Arden View Drive and Arden View Court are classified as subcollectors. The applicant must satisfy the infiltration standard of 0.8 inches of runoff from the reconstructed impervious surface and the directly connected impervious surfaces within the project corridor for a collector, subcollector or access road (Rule C.5(f)). The applicant has indicated the impervious area impacted by the water main includes 33,000 square feet of reconstructed and 53,980 square feet of directly connected impervious surface which equates to a water quality and volume control requirement of 5,220 cubic feet $((33,000+53,980)*0.8"/12*.9)$. The seven proposed BMPs provide a total of 5,296 cubic feet of water quality and volume control treatment through infiltration and biofiltration. The applicant has requested to bank any excess volume control credits. RCWD recognizes biofiltration water quality treatment as project specific credit that does not reduce the volume of stormwater runoff. Therefore, banking of excess biofiltration credit is not allowed.

The project will be served by two infiltration and five biofiltration BMPs. As indicated below, the geotechnical soil borings indicate a type D soil within the project. The project meets the order of BMP preference per District Rule C.5(e). The plans and narrative indicate that the BMPs are designed with a live storage depth that varies from six to eighteen inches and filter media depth of 30 inches (70/30 sand compost mixture). The two infiltration BMPs are proposed in an area of the site that doesn't allow for under drain connection to existing storm sewer. These two infiltration BMPs are designed 6 to 8 inches in depth so they drawdown within 48 hours from the end of a storm event and have a minimum of three feet of separation to the seasonal high water table. The biofiltration BMPs are designed with a 6-inch drain tile placed 6-inches above the bottom of the BMP. The proposed project treatment volume was calculated using the BMP live storage and the media storage assuming 33% void space. Adequate pretreatment measures must be provided before discharge of runoff to the BMPs.

Geotechnical analysis was completed throughout the project to document the existing groundwater elevation, to verify and corroborate the hydrologic soil types and to provide additional detail for specific soil layers. The borings indicate the soils consist of a layer of sandy lean clay which is characterized as hydrologic soil group D per Table C1 of District Rule C. The soil boring logs show that groundwater was encountered in two borings at a depth of 12 feet (approximate elevation of 876).

The construction plans show impervious areas and the locations of the BMP features for proposed conditions. The applicant has demonstrated that the project results in a slight decrease in impervious surface. The applicant has also demonstrated that existing stormwater flow patterns have not been altered. The basic inputs for a hydrologic model (drainage area, curve number, time of concentration, runoff storage and precipitation) demonstrate that a model to determine peak stormwater runoff control would indicate compliance with the RCWD rules based on:

- no changes to the drainage areas, time of concentration and precipitation
- slight decrease in impervious area
- no change in the curve number
- a net gain in runoff live storage

Based on the inputs, the complexity and rigor of a peak stormwater runoff control model for this type of project would not provide added value or information beyond what is already presented, so the applicant has satisfactorily demonstrated compliance with District rule C.3 and C.6.

Plans indicate an outlet control structure will be constructed for the wetland shown along Nursery Hill Court. The applicant has provided hydrologic calculations for the 2-year, 10-year and 100-year, 24 hour events and the 10-day snow melt event of this wetland. The hydrologic calculations indicate that peak elevations of the wetland are increased for the 2- and 10-year storm events and are reduced for the proposed 100-year storm event. The project meets District Rule C.4(c). The wetland was determined by District staff to be slightly susceptible to water level bounce. The increase in storm event bounce is less than 1 foot and the inundation period for the 10-year or greater storm event does not exceed 14 days. The project meets District Rule C.7(a).

3. Wetlands – The project proposes work near the existing storm sewer outfalls along Wynridge Drive, Janet Court and near Amble Road. These existing storm sewer outlets will be removed and replaced as part of this project. The applicant has indicated that the replaced storm sewer by the wetlands (flared end section and rip rap) will be limited to an area no larger than the existing storm sewer footprint area. This proposed work qualifies under the no loss of MN 8420.0415. The District Wetland Specialist concurs with this assessment.

The project also proposes stormwater BMPs near low areas. An upland area was delineated by District staff on April 19, 2011. The defined area of “upland per RCWD 4/19/11” on sheets 16 and 22 extends beyond the flags placed by RCWD. The applicant must adjust the wetland line in the plans to represent only the flags placed by RCWD. The proposed stormwater BMPs do not impact wetlands and the District Wetland Specialist concurs.

4. Floodplain – The site is not in a regulatory floodplain.
5. Erosion Control – The applicant is proposing silt fence, storm sewer inlet protection and sod as shown in plan details. These measures comply with RCWD Rule D standards. The applicant must clearly identify the location of these erosion control measures on the plans. This project disturbs greater than one acre. A signed NPDES permit and an SWPPP have been submitted.

The successful bidder and party responsible for the maintenance of all erosion and sediment control measures is:

Chad Hamann, Project Manager
Asphalt Surface Technologies Corporation
P.O. Box 1025
St. Cloud, MN 56302-1025
320-248-3108
Chad0824@yahoo.com

6. Documenting Easements and Maintenance Obligations – A Draft Declaration of Maintenance must be provided by the applicant. However, since the applicant is a public entity they may enter into a maintenance agreement with the District in lieu of a Declaration of Maintenance. The public entity maintenance agreement with RCWD for the maintenance of the stormwater features must include the regular inspection and maintenance of the pre-treatment measures.
7. Previous Permit Information – Permit 10-015 included the mill and overlay and repair of storm sewer to Janet Court. No previous permit information was found for the remaining streets.

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.

Brent H. Johnson 6-1-2011

Brent Johnson
MN Reg. No 20378

Greg Bowles 6-1-2011

Greg Bowles
MN Reg. No 41929

ITEMS REQUIRING BOARD ACTION

1. Consider 2011 Urban Stormwater Remediation Program Project Ordering & Certification (Phil Belfiori)

MEMORANDUM
Rice Creek Watershed District

Date: May 31, 2011
To: RCWD Board of Managers
From: Kyle Axtell, Water Resource Specialist
Subject: 2011 Urban Stormwater Remediation Program
Project Ordering & Certification

BACKGROUND

One project has been tentatively approved by the Board and requires certification after public hearing.

1. City of Hugo – **2011 Pavement Management Program** - \$50,000.00

Available project funding for the remainder of 2011 is \$59,041.27. Fully funded, this project would encumber \$50,000.00 leaving \$9,041.27 for the Board to allocate to additional approved applications received in 2011 pursuant to adopted program guidelines.

Proposed motion: Manager _____ moves to offer resolution 2011-17 and adoption, seconded by Manager _____.

Attachment: Draft Resolution

RESOLUTION 2011-17

**RICE CREEK WATERSHED DISTRICT
BOARD OF MANAGERS**

**RESOLUTION FOR ORDERING OF 2011 URBAN STORMWATER REMEDIATION COST-SHARE
PROJECTS, PURSUANT TO MINNESOTA STATUTES §103B.251**

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

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

WHEREAS the WRMP identifies a cost-share program to improve and remedy stormwater management systems in developed urban environments and, on December 8, 2010, the Board of Managers (“Board”) authorized staff to initiate the program and solicit proposals;

WHEREAS the City of Hugo South Ethan Avenue Street and Utility Improvements, involving the permanent elimination of 25 individual on-site sewer treatment systems in the riparian zone of Bald Eagle Lake (the “Project”) has been reviewed by District staff, the District citizens advisory committee and the Board and found to meet program criteria;

WHEREAS in accordance with Minnesota Statutes §103B.251, subdivision 3, the District held a duly noticed public hearing on ordering of the Project on June 8, 2011, at the Shoreview City Council Chambers, at which time all interested parties had the opportunity to speak for and against the Project;

WHEREAS the RCWD Engineer has evaluated the Project, including their technical elements and their cost-effectiveness, and the Engineer’s views have been fully considered by the Board;

WHEREAS the Board has reviewed and approved a cost-share agreement with the municipal entity proposing the project, providing generally that on the Board’s ordering of the Project and its construction by the associate municipal entity, the District will reimburse the municipal entity for 50 percent of the cost of its Project up to \$50,000; and that the municipal entity will maintain its project indefinitely in accordance with a maintenance plan approved by the District;

WHEREAS the Board finds that the Project, as constructed in accordance with the terms and responsibilities of the cost-share agreements, 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"/>
MASTELL	<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 8, 2011

* * * * *

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 8th day of June, 2011.

Harley Ogata, Secretary

ITEMS REQUIRING BOARD ACTION

2. Consider Check Register dated 6/8/2011, in the amount of \$50,148.81 prepared by HLB Tautges Redpath

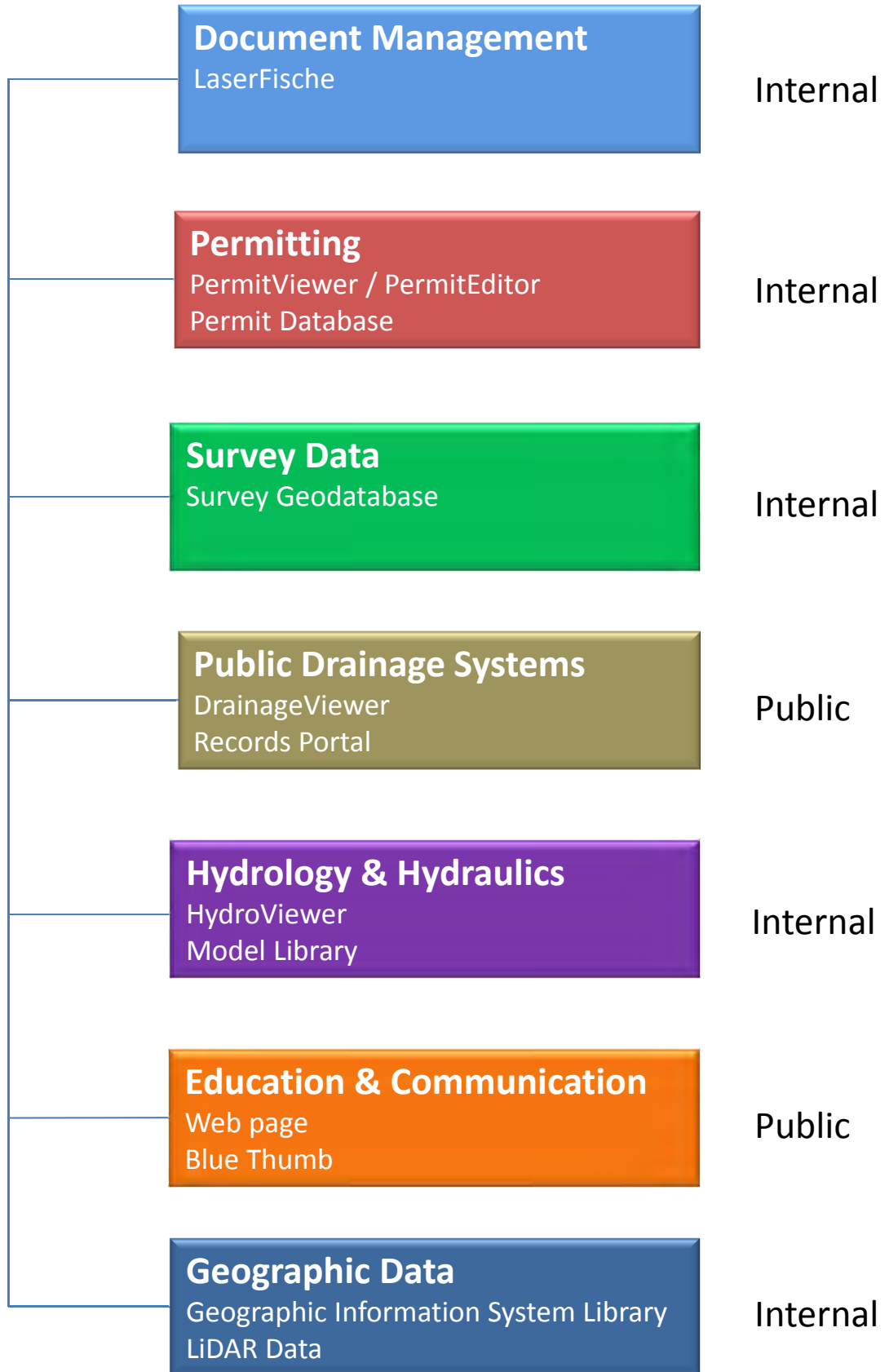
Rice Creek Watershed District
 Check Register
 May 26, 2011 - June 8, 2011
 To Be Approved at June 8, 2011 Board Meeting

Check #	Date	Payee	Description	Amount
17578	05/25/11	Washington Conservation District	VOIDED	\$6,294.32
17583	05/26/11	Washington Conservation District	Contracted Services-reissue	\$4,513.32 Issued 05/26/11
17579	05/25/11	Washington County Taxation Div.	VOIDED	3,327.00
17584	05/26/11	Washington County Taxation Div.	Professional Services-reissue	3,357.00 Issued 05/26/11
17585	05/26/11	MN DNR	Construction Expense-Long Lake permit	150.00 Issued 05/26/11
17586	05/26/11	SRF Consulting Group, Inc.	Engineering Expense-Hardwood Creek Proj	12,998.49 Issued 05/26/11
17587	06/01/11	MEPT Blaine, LLC	June Rent	5,638.91 Issued 06/01/11
17588	06/08/11	Mackenzie Consoer	Intern Payroll	416.17
Dir.Dep.	06/15/11	Kyle J. Axtell	06/15 Payroll	1,311.43
Dir.Dep.	06/15/11	David W. Bauer	06/15 Payroll	1,503.10
Dir.Dep.	06/15/11	Philip J. Belfiori	06/15 Payroll	2,372.60
Dir.Dep.	06/15/11	Dawn V. Pape	06/15 Payroll	771.29
Dir.Dep.	06/15/11	Matthew J. Kocian	06/15 Payroll	1,503.96
Dir.Dep.	06/15/11	Elizabeth M. Hosch	06/15 Payroll	1,520.48
Dir.Dep.	06/15/11	Thomas E. Schmidt	06/15 Payroll	1,891.93
Dir.Dep.	06/15/11	Theresa M. Stasica	06/15 Payroll	1,791.36
Dir.Dep.	06/15/11	Nicholas A. Tomczik	06/15 Payroll	2,125.48
EFT	06/15/11	Internal Revenue Service	06/15 Federal Withholding	4,420.28
EFT	06/15/11	Minnesota Dept. of Revenue	06/15 State Withholding	806.09
EFT	06/15/11	ING Retirement Services	06/15 Deferred Compensation	260.00
EFT	06/15/11	PERA	06/15 PERA	2,796.92
Total				<u>\$50,148.81</u>

ITEMS FOR DISCUSSION AND INFORMATION

1. Demonstrate the permit database and the current on-line resources of the District – Houston Engineering

Rice Creek Watershed District Data and Document Management System



ITEMS FOR DISCUSSION AND INFORMATION

2. Staff and Engineer's Update and Timeline (Phil Belfiori and Chris Otterness)



Date Prepared: 1-Jun-11
Prepared by: M. Deuschman

Monthly Project Report Through May 2011 - District Engineer Rice Creek Watershed District



Project Name	Estimated Budget	Cost to Date	Remaining Budget	Estimated Progress Based on Work Completed	Estimated Progress Based Upon Percent Budget Expended	Within Budget? (Y/N)	District Billed for Change in Services?	Initial Target Completion Date	Revised Target Completion Date	Items of Interest / Concern
Long Lake Inlet Sediment Removal - Plans, Specifications and Construction Management	\$69,300	\$59,115	\$10,185	85.0%	85.3%	Y		1-Jun-11	Not Applicable	Project is out for bids with a closing date of June 27, 2011. We request a Change in Scope from the District during May.
ACD 15 / JD 4 Repair Construction Plans, Bid Package and Construction Management	\$91,090	\$10,917	\$80,173	12.0%	12.0%	Y		End 2011	Not Applicable	The design is primarily waiting for completion of the survey data. We have "finalized" the alignment of the main trunk of JD 4 through the former Houle WMA.
ACD 15 / JD 4 Repair Survey	\$22,400	\$17,261	\$5,139	80.0%	77.1%	Y		15-Jul-11	Not Applicable	Most of the survey work is complete, with the exception of the some tile portions of the public drainage system.
Houle Property Wetland Bank Part A Application	\$213,000	\$39,521	\$173,479	19.0%	18.6%	Y		Ongoing	Ongoing	We continue to monitor hydrology using the installed equipment. Plans are to complete the wetland delineation field work and assessing wetland quality by the end of June.
Year 2 Implementation District Wide Modeling	\$250,000	\$237,494	\$12,506	100.0%	95.0%	Y		End of 2010	Not Applicable	The deliverables for this Task Order are complete and have been delivered to the RCWD.
Municipal Flood Plain Coordination	\$5,000	\$3,686	\$1,314	75.0%	73.7%	Y		Ongoing	Not Applicable	Presently waiting on a response from the City of Hugo for Cleanwater and Hardwood Creeks.
Year 3 Implementation District Wide Modeling	\$317,300	\$112,400	\$204,900	35.0%	35.4%	Y		End of 2011	Not Applicable	We completed another week of survey on Ramsey County Ditches No. 2, 3, 4 and 5. The analysis of lake levels is complete for Long Lake, Pike Lake, Lake Johanna, Silver Lake, Turtle Lake and White Bear Lake. We continue working on the models for the remaining portion of the District.
Oasis Pond (Permitting, Plans, Specifications and Construction Observation)	\$79,945	\$77,214	\$2,731	98.0%	96.6%	Y		End of 2010	Spring 2011	Final site stabilization was delayed due to weather. We are scheduling the final inspection with DNR prior to closing out the project. We still need to finish the as-constructed drawings.
Century Farms Technical Analysis	\$9,800	\$12,998	(\$3,198)	100.0%	100.0%	Y		Ongoing	Not Applicable	We are waiting on agreement by the parties involved.
Upgrades to Permit Database	\$27,293	\$27,517	(\$224)	100.0%	100.8%	N		end of 2010	Not Applicable	The permit database has been completed and has been operationally deployed for use by RCWD and HEI permitting staff.



**Monthly Project Report Through May 2011 - District Engineer
Rice Creek Watershed District**



Date Prepared: 1-Jun-11
Prepared by: M. Deuschman

Project Name	Estimated Budget	Cost to Date	Remaining Budget	Estimated Progress Based on Work Completed	Estimated Progress Based Upon Percent Budget Expended	Within Budget? (Y/N)	District Billed for Change in Services?	Initial Target Completion Date	Revised Target Completion Date	Items of Interest / Concern
ACD 53/62 Repair Report	\$65,000	\$8,084	\$56,916	12.0%	12.4%	Y		1-Oct-11	Not Applicable	We are currently working on establishing the as-constructed and subsequently improved condition (plan, profile and geometry) for the portions of the system north of 109th Avenue. We expect to finish this late summer.
Repair Report for 10/22/32	\$181,000	\$166,787	\$14,213	99.0%	92.1%	Y		End of 2009	15-Dec-10	We will begin on developing the Water Management District language for the Watershed Management Plan amendment.
City of Hugo Planning	\$113,500	\$117,792	(\$4,292)	100.0%	103.8%	N	N	Middle 2010	Early 2011	RCWD obligations are completed for this project, with the exception of providing guidance on developing Opinions of Probable Cost.

Considered within budget if \pm 10%.

The "overage" for those projects shown as "over budget" is not billed to the District. The cost to date column reflects HEI's actual internal cost.

Monthly Progress Report (Actual Estimated Progress)
Through May 2011
District Engineer

