

**MINUTES OF THE FEBRUARY 8, 2013 MEETING  
OF THE  
WATERSHED IMPROVEMENT REVIEW BOARD**

**Appointed Members in Attendance**

Robert Ballou, Chairperson, Iowa Soybean Association  
Jolee Belzung, Iowa Association of Water Agencies  
Jim Gillespie, Iowa Department of Agriculture and Land Stewardship  
Larry Gullett, Iowa Association of County Conservation Boards  
Susan Heathcote, Iowa Environmental Council  
Steve Hopkins, Iowa Department of Natural Resources  
Lisa Walters, Iowa Rural Water Association  
Jane Weber, Conservation Districts of Iowa

**Appointed Members Absent**

Larry Alliger, Iowa Farm Bureau Black, State Senator  
Dennis Black, State Senator  
Dave Coppess, Agribusiness Association of Iowa  
David Johnson, State Senator  
Debra Karwal, Iowa Pork Producers  
Jarad Klein, State Representative  
Roger Thomas, State Representative

**Staff and Guests**

Mary J. Baker, IDALS, Division of Soil Conservation  
Jerry Neppel, IDALS, Division of Soil Conservation

Greg Brenneman, Iowa State University, Technical Advisor  
Wayne Petersen, Iowa Department of Agriculture and Land Stewardship, Technical Advisor  
Laurel Foreman, USDA-NRCS, Technical Advisor  
Dr. Michael Castellano, Iowa State University

**Call to Order**

The meeting of the Watershed Improvement Review Board (WIRB) was called to order at 10:06 a.m. on Friday, February 8, 2013, by Chairperson Ballou.

**Approval of Agenda**

*Motion 2013-200 Moved by Gillespie and seconded by Belzung to accept the agenda, and the motion was unanimously approved.*

**Treasurers Report**

The discrepancy was a misfiling of a deposit for the Animal Agriculture Compliance Fund Penalties and a project refund which has been resolved. The balance from the Iowa Infrastructure account is \$847,735.70. The IJOBS balance is \$70,680.00 (\$67,562.00 plus \$3,118.00 from a recent refund).

**Watershed Improvement Fund**  
**Iowa Infrastructure Account (D81)**  
**Revenue & Expenses -- Fiscal Year 2013 as of January 31, 2013**

<u>Revenue Collected:</u>			
Intra State Transfers	SFY 2013	\$	1,000,000.00
Animal Agriculture Compliance Fund Penalties	SFY 2013	\$	51,357.26
Watershed Improvement Fund Refunds		\$	407,724.84
5005-002 Farmers Creek	\$	14,279.33	
6003-002 Upper Calfish Creek	\$	3,130.73	
6033-015 Fox River	\$	19,065.46	
7008-002 Yellow River	\$	8,059.42	
7021-008 Sand Creek	\$	25,972.00	
7033-013 Dry Run Creek Sub-watershed	\$	377.18	
7042-016 Kettle Creek Watershed	\$	65,790.00	
8005-002 Silver Lake	\$	76,810.80	
8011-007 Ludlow Creek	\$	15,665.92	
8019-011 Staff and Beaver Creeks	\$	69,448.00	
8024-014 Duck Creek	\$	38,983.00	
8027-016 Compeline Creek	\$	70,243.00	
Interest			
June Interest	\$	1,200.03	
July Interest		746.82	
August Interest		903.47	
September Interest		1,125.76	
October Interest		1,377.66	
November Interest		1,250.29	
December Interest		1,386.74	
January Interest		1,163.30	
February Interest			
March Interest			
April Interest			
May Interest			
Total Interest			9,154.07
Total Revenue Collected from July 1, 2012 through January 31, 2013			1,468,236.17
<u>Expenditures:</u>			
Intra State Transfers (Administrative Support in SFY 2013 originates from a different fund)			-
WIRB Per Diem and Expenses		2,179.69	
Funding Requests Approved by Board: (8-17-12, 11-2-12, 1-17-13)		1,041,055.53	
Total Expenditures from July 1, 2012 through January 31, 2013			1,043,235.22
Revenue minus Expenditures		\$	425,000.95
Fund Balance forward from FY 2012		\$	3,909,633.38
Fund Balance as of January 31, 2013		\$	4,334,634.33
<u>Allocations and Interest available less funds set aside for existing projects</u>			
Revenues			
Appropriations			
State Fiscal Years 2006, 2007, 2008, 2009, 2010 and 2012		\$25,000,000.00	
	SFY 2013	\$	1,000,000.00
Animal Agriculture Compliance Fund Penalties	SFY 2013	\$	51,357.26
Interest Accrued			
State Fiscal Years 2006, 2007, 2008, 2009, 2010, 2011 and 2012		\$1,300,572.17	
SFY2013 (to 1-31-2013)	SFY 2013		\$9,154.07
Total Revenue Collected through January 31, 2013			\$27,361,083.50
Expenses and Funds Set Aside			
Intra State Transfers (IDALS)			
State Fiscal Years 2006, 2007, 2008, 2009 and 2010		\$250,000.00	
WIRB Per Diem and expenses SFY 2009, 2010, 2011 and 2012		\$6,689.64	
WIRB Per Diem and expenses (paid by Treasurer)	SFY 2013	2,179.69	
Subtotal		\$258,869.33	
Funds Set Aside For Approved Projects			
State Fiscal Years 2006, 2007, 2008, 2009, 2010 and 2012		\$25,406,214.37	
8/17/2012	SFY 2013		\$868,264.00
Subtotal		\$26,274,478.37	
Total Expenses or Obligations			\$26,533,347.70
Funds Available as of January 31, 2013			\$827,735.80

Watershed Improvement Fund  
Revenue Bonds Capitals II Fund (DT4)  
Revenue & Expenses  
Fiscal Year 2013 as of January 31, 2013

Revenue Collected:

Appropriations	SFY13	\$	-
Watershed Improvement Fund Refunds		\$	-
			-
Total Revenue Collected from July 1, 2012 through January 31, 2013			

Expenditures:

Funding Requests Approved by Board			
8/17/2012	SFY13		18,000.00
8/17/2012	SFY13		233,120.00
1/17/2013	SFY13		30,950.00
Total Expenditures from July 1, 2012 through January 31, 2013			282,070.00
Revenue minus Expenditures			\$ (282,070.00)
Fund balance forward from SFY2012			\$ 921,305.00
Fund Balance as of January 31, 2013 (Treasurers Office)			\$ 639,235.00

Appropriations	SFY11	\$	2,000,000.00
Total Funds Available			\$ 2,000,000.00
Expenses and Funds Set Aside			
Funds Set Aside For Approved Projects (7-23-2010 and 11-5-2010)	SFY11	\$	1,853,750.00
(8-17-2012)	SFY13	\$	78,688.00
Total Expenses or Obligations			\$ 1,932,438.00
Funds Available as of January 31, 2013			67,562.00

**Motion 2013-201** Moved by Belzung and seconded by Weber to approve the Treasurers Report and the motion was unanimously approved.

**Request for Applications**

Three applications did not meet minimum criteria and were not sent out for review.

ID	Project Name	WIRB Request	Funded	Discussion
1234	Honey, Lindsey and Dry Run Creeks	\$100,000.00	\$100,000.00	The applicant is bringing MRBI dollars to the project. There is no mention of interested landowners. The applicant is using drinking water nitrate standards for the stream water standards, but there is no nitrate standard for streams in Iowa. Goals are mainly nutrient related.
1240	Little Bear Creek	\$99,999.00	\$99,999.00	The applicant provided a very good assessment, shows good urban support and identified urban and agriculture practices. There is a concern that part of the creek has an aquatic impairment and no assessment on aquatics is provided. The goals

ID	Project Name	WIRB Request	Funded	Discussion
				and objectives could be more aggressive.
1246	Middle Buffalo Creek	\$100,000.00	\$100,000.00	This is similar to the last Buffalo Creek project. The applicant's goals will reduce nutrients, improve aquatic habitat, reduce sediment delivery, and perform water quality monitoring. Students assist with the monitoring.
1231	Twelve Mile Lake	\$97,350.00	\$97,350.00	Grade stab structures, sediment basins, terraces, grassed waterways and rock chute wetlands are identified practices to correct the issue. There are math errors on the 2013 budget sheet, terraces line item. Currently, the lake is not impaired but there is evidence of declining water quality caused by sediment and phosphorus. This is a water supply for seven southwestern counties.
1245	West Tarkio Watershed	\$100,000.00	\$100,000.00	The assessment is good, there is no landowner survey, and the proposed practices will likely be effective. The applicant plans to use WIRB, EQIP, WSPF and WPF funds for this project. Landowner contribution is not shown on the budget.  Brenneman, TA – The projected efficiency is 40% reduction in nitrate when bioreactors are used.
1242	Lake Meyer	\$63,570.00	\$63,570.00	This was in our last RFA and was missing the letter of support from the SWCD. A TMDL was developed for the lake in 2005. They are implementing final practices (e.g. rock chute wetland, grade stabilization, information and education, administration, engineering/layout) for the lake project. Iowa DNR staff is having discussions on the efficiency of rock chute wetland to trap sediment. The Board discussed splitting costs for practices between the IJOBS and WIRB funding.
1248	Dry Run Creek	\$99,750.00	\$99,750.00	A bacteria assessment shows multiple potential sources of bacteria in the stream and the stream is on the 2008 Iowa DNR 303(d) Impaired Waters List. Cooperator participation was discussed. The proposed funding sources are WIRB, Iowa State University, Luther College (in-kind and cash) and cooperator (in-kind and cash). One goal is to improve runoff controls at five feedlots but there is no information on farmer participation.
1243	Fox River	\$100,000.00	\$100,000.00	This application is well written, the goals focus on sediment issues, and there is a great amount of interest in this watershed. The Fox River is listed on the Iowa DNR 303(d) impaired waters list for low biotic index and indicator bacteria.
1228	Center Lake	\$100,000.00	\$100,000.00	The applicant plans to reduce phosphorus from entering Center Lake through the installation of paver systems. Other funding sources are Iowa

ID	Project Name	WIRB Request	Funded	Discussion
				DNR 319, Lake Restoration Programs, The Water Quality Commission and the City of Spirit Lake.
1229	Little Lick Creek	\$98,550.00	0	The applicant will cancel this project if funding is not awarded to 1230 Upper Lick Creek too.
1233	Miller Creek	\$59,075.00	\$59,075.00	Miller Creek is listed on the 2008 Section 303d Impaired Waters List. This is the final phase of the creek project to reduce soil loss, nutrient runoff, sediment delivery, and improve water quality and wildlife habitat. The application details clear goals, targeted processes and good documentation from landowners.
1241	Swan Lake	\$39,940.00	\$39,940.00	This is a nine element watershed plan. The main cause of the impairment is internal recycling of phosphorus from lake bottom sediments. Constructing a sediment basin on the main inlet stream will reduce both sediment and soluble nutrient delivery by allowing more sediment storage in the basin. The Board would like to see more local investment in the application.
1239	Lake McKinley	\$100,000.00	0	This is a continuation of work in Hurley Creek. The applicant has good community support and leveraging. A number of support letters are dated 2011.
1236	Lake Icaria	\$100,000.00	0	
1247	North Fork Maquoketa River Headwaters	\$100,000.00	0	
1237	West Branch Wapsinonic River	\$58,100.00	0	
1230	Upper Lick Creek	\$98,720.00	0	
1232	Walnut Creek	\$100,000.00	0	

**Motion 2013-202** *Moved by Gillespie and seconded by Weber to approve funding for 1234 Honey, Lindsey and Dry Run Creeks, 1240 Little Bear Creek Watershed, 1246 Middle Buffalo Creek, 1242 Lake Meyer, 1248 Dry Run Creek, 1243 Fox River, 1228 Center Lake, and 1233 Miller Creek, and the motion was unanimously approved.*

**Motion 2013-203** *Moved by Belzung and seconded by Weber to approve \$97,350.00 for the 1231 Twelve Mile Lake Project. The motion was approved and Walters abstained.*

<u>Board</u>	<u>Yea</u>	<u>Nay</u>	<u>Abstain</u>
Belzung	X		
Gillespie	X		
Gullett	X		
Heathcote	X		
Hopkins	X		
Walters			X
Weber	X		

**Motion 2013-204** Moved by Gullett and seconded by Walters to approve 1245 West Tarkio for \$100,000 (\$78,672 from WIRB funds and \$21,328 when funds become available). The motion was unanimously approved.

**Motion 2013-205** Moved by Heathcote and seconded by Hopkins to approve 1241 Swan Lake when funds become available, and the motion was approved.

<u>Board</u>	<u>Yea</u>	<u>Nay</u>	<u>Abstain</u>
Belzung	X		
Gillespie		X	
Gullett		X	
Heathcote	X		
Hopkins	X		
Walters	X		
Weber		X	

**Motion 2013-206** Moved by Hopkins and seconded by Gullett to offer \$26,146 to 1239 Lake McKinley and the motion failed.

<u>Board</u>	<u>Yea</u>	<u>Nay</u>	<u>Abstain</u>
Belzung		X	
Gillespie		X	
Gullett	X		
Heathcote		X	
Hopkins	X		
Walters		X	
Weber		X	

**Soil Nutrient Mass Balance Study, Presentation by Dr. Michael Castellano, Iowa State University**  
 Dr. Castellano summarized the Soil Nutrient Mass Balance Study funded by the WIRB a year ago.

**Approve Minutes of January 17, 2013**

**Motion 2013-207** Moved by Gillespie and seconded by Heathcote to approve the meeting minutes and the motion was unanimously approved.

**Final Reports**

<b>Project Name</b>	<b>Discussion</b>
7020-007 Hurley Creek	Eight rain gardens were constructed. Originally, the homeowners were contributing toward the project but the extension service provided 25% of in-kind support for the rain gardens. The project is finished.
8009-005 Storm Lake	No comments.
9011-008 Walnut Creek	No comments.

**Motion 2013-208** Moved by Gillespie and seconded by Belzung to approve the final reports and the motion was unanimously approved.

**Progress Reports**

**Group 1**

The reports are acceptable.

**Group 2**

Competine Creek is ahead of process.

Twelve Mile Lake is behind in some practices.

Upper Buffalo Creek Project will not achieve the reduction in sediment delivery if practices are not completed.

Duck Creek began construction in November.

**Group 3**

The reports are acceptable.

**Group 4**

The reports are acceptable.

**Funding Request Forms**

Project Name	Requested Amount	Funded Amount	Discussion
9002-001 Indian Springs Pond	\$7,668.42	0	There was an amendment request approved at the last meeting, so this final funding request is now out of date. The request is for the remaining money and it exceeds the 10% retainage.
9005-002 Silver Creek Watershed	\$57,000.00	\$57,000.00	
9006-003 Bear Creek Watershed	0	0	
9007-004 Upper Buffalo	\$42,453.00	\$42,453.00	
9008-005 Hewitt Creek Watershed	\$16,595.00	\$16,595.00	
9009-006 Lost Creek Watershed	\$44,580.00	0	The requested amount exceeds the 10% retainage.
9010-007 Hawthorn Lake	\$6,250.00	\$6,250.00	The applicant is waiting for permits from the US Army Corps of Engineers before construction can begin. They applicant is working with the Lake Restoration Program.
9012-009 Little River Lake Watershed	0	0	The budget is at 90%. This project received a one-year extension at the last meeting.
9014-010 Lytle Creek	\$230,850.00	\$191,675.00	The applicant is requesting the remainder of the funds which exceeds the 10% retainage. Construction is expected to be complete by June 30, 2013.  <i>Motion 2013-209 Moved by Gillespie and seconded by Belzung to approve \$191,675.00 of the funding request and the motion was unanimously approved.</i>
9020-012 Fox River Watershed	\$68,000.00	\$68,000.00	
9029-015 Otter Creek Watershed	\$148,166.00	\$148,166.00	
9032-017 Miller Creek Watershed	0	0	

Project Name	Requested Amount	Funded Amount	Discussion
9033-018 Camp Creek Watershed	0	0	
1011-006 Competine Creek Partnership Watershed	0	0	
1012-007 Yellow River Headwaters	\$16,666.00	\$16,666.00	
1014-008 Walnut Creek Watershed	0	0	
1015-009 Indian Creek Watershed	0	0	
1022-013 Dry Run Creek Watershed	0	0	
1102-001 Twelve Mile Creek Watershed	0	0	
1109-003 Coe Creek Watershed	0	0	
1112-004 Price Creek Watershed	0	0	
1113-005 Duck Creek Watershed	\$131,156.00	\$101,156.00	<i>Motion 2013-210 Moved by Gillespie and seconded by Weber to approve the funding request in the amount of \$101,156.00 and the motion was unanimously approved.</i>
1114-006 Walnut Creek Watershed	\$77,540.00	\$77,540.00	
1118-007 Lake Hendricks Watershed	\$6,086.00	\$6,086.00	
1119-008 Lake Icaria Watershed	\$39,035.00	\$39,035.00	
1224-012 Competine Creek Watershed	\$44,000.00	\$44,000.00	

**Motion 2013-211** *Moved by Belzung and seconded by Weber to not approve the funding requests for 9002-001 Indian Springs Pond and 9009-006 Lost Creek Watershed and the motion was unanimously approved.*

**Motion 2013-212** *Moved by Belzung and seconded by Weber to approve the funding requests for 9005-002 Silver Creek Watershed, 9007-004 Upper Buffalo, 9008-005 Hewitt Creek Watershed, 9010-007, Hawthorn Lake, 9020-012 Fox River Watershed, 9029-015 Otter Creek Watershed, 1012-007 Yellow River Headwaters, 1114-006 Walnut Creek Watershed, 1118-007 Lake Hendricks Watershed, 1119-008 Lake Icaria Watershed, and 1224-012 Competine Creek Watershed and the motion was unanimously approved.*

**2013 January – June Funding Requests Continued**

**Motion 2013-213** *Moved by Belzung and seconded by Walters to approve payment to Iowa State University and the motion was unanimously approved.*

**Project Annual Review Meetings**

Neppel handed out the schedule for annual reviews of projects hosted and funded by DSC and DNR. WIRB is invited to attend.

**Administrative Update—Neppel**

February 12, 2013, Dr. Mike Castellano will present to the Iowa Subcommittee on Agriculture and Natural Resources.

February 28, 2013, WIRB was requested to present to the Water Resource Coordinating Council.

March 14, 2013, Iowa Groundwater Association Spring Meeting. Registration is \$60.00. WIRB projects are on the agenda.

March 18, 2013, Water Day at the Iowa State Capitol. WIRB invited to participate.

April – The selection of WIRB Board appointments will be sent to legislature. Karwal, Iowa Pork Producers, resigned but will stay on the Board until replaced; Iowa Association of Water Agencies and Iowa Soybean Association are up for reappointment.

Ballou – handed out a draft letter to Representative Lee Hein, Iowa Legislature, requesting \$50,000 from state cost share to assist WIRB administration. The Board was asked to return comments to Ballou.

**Motion 2013-214** *Moved by Belzung and seconded by Heathcote to approve reimbursement of mileage and expenses to attend project-related events, and the motion was unanimously approved.*

**Schedule Future Meetings**

Neppel will send out a Doodle Poll to set the date for the next meeting and select tour locations.

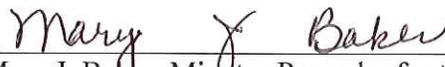
**Adjournment**

**Motion 2013-215** *Moved by Chairperson Ballou and seconded by Weber to adjourn the meeting at 4:15p.m. and the motion was unanimously approved.*



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Robert Ballou, Chair  
Watershed Improvement Review Board



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Mary J. Baker, Minutes Recorder for the  
Watershed Improvement Review Board