

“Team Up for Clean Waters”
Itasca Waters
Quarterly Board Meeting
Monday, April 15, 2019 4:00 pm
J135, Itasca County Courthouse

Attendance

Board members present (quorum 8): Jan Sandberg, Jan Best, Dave Lick, Pat Leistikow, Shirley Loegering, Bill Marshall, Brian Whittemore, Lynn Moratzka, Kathy Cone, Bill Grantges

Technical Board present: Eric Raitanen

Board absent: Megan Christianson, John Downing, Tim Scherkenbach, Davin Tinquist, Ben Benoit

Technical Board absent: Andy Arens, Dan Swenson

Guests: Sandy Anderson, Jesse Davis (appointed to Board during meeting)

A quorum at all the meetings of the Board of Directors shall consist of 50 percent of the voting members of the whole board. Beginning in May 2019, the quorum will be eight.

1. Administrative Items

a. Agenda distributed in advance of the meeting

Motion to approve the agenda as circulated before the meeting with the addition the May 3rd First Friday event and an item from Dave Lick about NCROC. (Shirley Loegering, Pat Leistikow) M/S/U

b. Minutes from Quarterly Board meeting January 28, 2019 distributed in advance of the meeting

Motion to approve the minutes from the January 28, 2019 Quarterly meeting. (Jan Best, Brian Whittemore) M/S/U with Pat Leistikow abstaining due to absence

c. Financial Reports (circulated in advance of the meeting)

Pat reviewed her four attachments (Attachment #1-4). There has not been a lot of activity in the first quarter. IW lost an employee but with the new hire expenses will resume. We received funds from the Bush Foundation at beginning of April. Note that within the budget (Attachment #3), there are five buckets reflecting funding source. Pat has not asked for We are Water for reimbursement for wages. At one point it looked like we needed to accrue \$3,000 in expenses before reimbursement but since we provide an abundance of detail, Pat will make a request for \$1,400. Attachment #4 reflects Pat's interpretation of the Bush Foundation budget, working with John Connelly; Laura Connelly has seen this also. Both the 2019 Bush and 2018 Blandin grants will cover brochures, video expenses fall under Bush.

In-kind contributions need to be tracked (Bill Marshall is taking the lead on this for the Bush grant). *Pat will work with Laura Connelly, Ed Zabinski and Bill Marshall to pull together a policy about in-kind contributions.*

Motion to approve the financial report. (Shirley Loegering, Lynn Moratzka) M/S/U

d. Ratify Past Actions of the Executive Committee (circulated in advance of the meeting)

Motion to approve the actions of the Executive Committee for February and March 2019. (Pat Leistikow, Brian Whittemore) M/S/U

e. Appoint New Board Member to Shared Term Ending in 2022: Sandy Anderson/Jesse Davis, (bios below)

Jesse Davis: A native of Colorado, Jesse Davis and his husband are 4th generation family farmers in Trout Lake Township. Active in local farmers' markets and the local food community and principal viola in the Itasca Symphony, Jesse also is a Realtor with the Move It Real Estate Group. Jesse feels that healthy lakes and waters are integral to the economic, cultural and social sustainability of the Greater Itasca area.

Sandy Anderson: Sandy moved to Minnesota in the early 80's and to Grand Rapids in 2001. With a Masters in Geography and a GIS certificate, Sandy worked as a site location analyst for Dayton-Hudson Corp. for years before starting Lakehomes.com Realty in 1999 with her husband, Dan. With a family cabin on Lake Ontario and Dan's experience growing up on Rainy Lake, they brought their love of lake property to the business. In 2013 Lakehomes.com Realty grew into the Move It Real Estate Group keeping a strong emphasis on waterfront sales. With a strong history of waterfront sales in Northern Minnesota, she and Dan understand the importance of clean waters on the environment and a community's growth potential.

Motion to appoint Sandy Anderson and Jesse Davis to a shared term on the Itasca Waters Board, term to expire in 2022. (Brian Whittemore, Bill Marshall) M/S/U

f. Confirm Membership of the Executive Committee

Motion to confirm the current membership of the Itasca Waters Executive Committee with the addition of Sandy Anderson/Jesse Davis to a shared position. (Shirley Loegering, Brian Whittemore) M/S/U

Jan S will contact Ben Benoit about his interest in serving on the Executive Committee including possible attendance conflicts and possibility of including him in the Executive Committee communications without immediate membership.

Jan will send Jesse and Sandy information documents typically shared with new Board members.

g. President's Report (report at meeting)

The meeting began short of a quorum, so Dave updated those present on the many projects currently in motion that are stressing our resources—Bush, Blandin, We are Water, LCCMR, and more.

LCCMR: devise demonstration plots for public scrutiny including salt impact, revegetation alternatives, rain event analysis. The City of Grand Rapids is in as the financial authority and has also involved the City of Cohasset. The total budget about \$259,000. Itasca Waters will be involved through outreach efforts.

2. Projects

a. Coordinator Search (report circulated before meeting, vote at meeting)

Lynn Moratzka reported on the candidate interviews last week of the candidates who ranked highest based on feedback from the Executive Committee. Rankings were made of those submitting resumes that appeared reasonable. From interviews, two candidates rose to the top: Zack Simpson and Caitlyn Otto. The search committee formally recommends Zack, and he has agreed to attend the retreat. He is working on a GIS certificate—classes are primarily online which increases his flexibility. He can start almost immediately. We would turn over the computer and phone and Pat would arrange for a credit card.

Motion to hire Zack Simpson for the half-time position (about 20 hours per week) at Itasca Waters Coordinator at a base salary of \$20,000 per year without benefits, starting date to be determined. (Jan Best, Brian Whittemore) M/S/U

The committee suggests that we keep the name of Anne Queenan in the hopper as a possible consultant for outreach projects.

b. Board Retreat (report at meeting)

The retreat is scheduled for May 23rd at Timberlake Lodge, about 3:30 pm – 8:30 pm and includes dinner. Fifteen Board members responded to the survey.

c. Shoreland (report at meeting)

Dave reported that close to 30 persons have agreed to be advisors. Karen Terry has provided a quote of \$3800 (Attachment #6). The training venue will be at North Central Research and Outreach Center (NCROC), Friday evening, May 31 They have arranged the venue permit and Barb Shack will do catering.

The next day, the advisors and the public (RSVP required) will be invited to four sites on Wabana Lake (Dave is one) that demonstrate various intensities of restoration: minimal, somewhat more expensive, resort, ice ridge abatement. Before the event they will send a letter to the 235 respondents to the Morris survey inviting participation as adviser and June 1 event. Jan Best noted that ICTV is interested in doing something similar for property closer to Grand Rapids (to save on travel costs). Discussion that phones are capable of good recordings for YouTube and similar. We might be able to use a camera from ICTV as Bill M did for the Septic Secrets event last year.

Motion to approve up to \$5,000 (\$3,806 in costs for Karen Terry and additional expenses for catering and venue) for the May 31-June 1 events. (Jesse Davis, Pat Leistikow) M/S/U

d. We are Water (report at meeting)

Brian and Jan visited We are Water exhibit in Duluth. The information was good, but the display was disappointing. We now have five good event possibilities and need to pick four for reimbursement: (1) Chamber Luncheon – possibly someone like environmentalist/economist Paul Radomski to talk on the value of water quality to lakes—see Attachment #7 for the abstract of his recent study “Prioritizing lakes for conservation in lake-rich areas”; (2) Circle of Healing -- Becky LaPlant for Anishinaabe Day (date change, not July 5) with KAXE; (3) Youth Water Summit—Pat and Jan S had concerns about supplanting if reimbursed but could still be an event; (4) May 31 shoreland meeting; (5) Arts Council sculpture project--Lynn will produce a writeup for Brian to share with Humanities.

Bill G noted that the economic impact concept can be tricky for Itasca County --some groups in the county are very sensitive to the issue.

Jan B mentioned the possibility of a water bar during We are Water, possibly at Klockow. Samples could include several tap waters, other (Buhl?). It could cost \$1,000 but Humanities would pay for this. Think about a mini water bar for dogs if at Klockow.

e. University of Morris—Survey for Blandin Grant (report at meeting)

Shirley cleaned up the email list.

f. Bush Foundation Community Innovation Grant (report at meeting)

Bill Marshall is working with Laura as the recorder for Itasca Waters on what is happening to date with the grant.

g. Logo—update current, modify current, research new option (report circulated before meeting)

Jan B reviewed some past problems with the logo—scalability, readability, colors. See Attachment #8. Jan contacted Amber Powers to do some conversions which have been completed and are stored in Dropbox with instructions.

Motion to approve payment of \$140 to Amber Powers for logo work. (Dave Lick, Kathy Cone) M/S/U

h. ICTV Programs (report at meeting)

Brian announced that Wednesday of this week at 7 pm see Dave Lick as the featured guest in the first installment. We will be linking this program to our website and Facebook. Today they taped program #2 with Paul Radomski. There are four programs to go. Cost will be billed as the programs air.

It was suggested that we start a YouTube channel--ask the new coordinator to set this up.

i. May 3rd First Friday Event at Central School

Jan S will staff a table at the school with 15 other water related folks for First Friday – 4 pm – 7 pm. Sandy said that Move-It (office opposite Wells Fargo) can also distribute materials and Guides. *Send handout materials to Sandy.*

j. NCROC/County Fair

North Central Research and Outreach Center (NCROC) has an annual event August 22—see Attachment #9 for a report from last year’s event. Dave thinks it would be a good place for us to do a demo and share information. His contacts are Vince Fritz and Betsy Norgard—they are looking for projects that deal with sustainability.

Bill thinks that IW may need its own booth next door if they want to continue to have a presence at the County Fair. *Discuss whether to have a booth at the Fair at the May Executive Committee meeting.*

3. Committee Reports

a. Education:

Eric R reported that we will need another person for the Youth Water Summit invertebrate demo as he is on a 120-day detail starting at the end of April. He did approach Dave Weitzel—Dave L will follow up.

Kathy has contacted all the media sources and it was recommended to do again the week before the event.

Adjourned 5:55 pm

2019 Meetings

Quarterly Board meetings are held at 4 pm in J135, Itasca County Courthouse unless noted otherwise

July 15, October 21

Executive Committee meetings are the second Thursday at 4:30 pm at the Central Square Mall meeting room. Agendas and minutes are distributed to all Board members and all Board members are invited to attend the Executive Committee meetings.

Occasionally meetings must be changed but a notice will be emailed in advance. All meetings are posted in Google calendar—please contact Jan Sandberg for access. Minutes from each meeting will include a link to a recording from the meeting.

Upcoming Executive Committee meetings for 2019 are: May 9, June 13, July 11, August 8, September 12, October 10, November 14, and December 12

ATTACHMENT #1

Itasca Water Legacy Partnership								Youth		
Detail Fiscal Year 2019								Summit		
April 7, 2019										
			IWLP	IWLP	Bush	Blandin	WE ARE	Blandin		
			Operating	Memorial	Foundation	Shoreland	WATER	IWLP		
Beginning Balances 01/01/2019			58,294.68	1,896.36		34,061.71	(1,417.09)	17,068.89	109,904.55	
Check #	Date	Name	Amount							
2204	1/2/2019	Card Service Center	648.10	648.10					648.10	
2205	1/2/2019	AT&T Mobility	146.47	146.47					146.47	
ACH	1/2/2019	Donor Snap on line giving	15.00	15.00					15.00	
2206	1/8/2019	GR Area Community Foundation	250.00				250.00		250.00	
2207	1/14/2019	KirkGilbertson CPA	130.60	130.60					130.60	
2208	1/15/2019	Carissa Anderson	763.58				763.58		763.58	
ACH	1/15/2019	Withholding	69.75				69.75		69.75	
2209	1/31/2019	Carissa Anderson	763.58				763.58		763.58	
ACH	1/31/2019	Withholding	70.75				70.75		70.75	
2210	1/21/2019	ICTV	250.00	250.00					250.00	
2211	1/31/2019	Central Square Mall	231.00				231.00		231.00	
ACH	2/4/2019	Donor Snap on line giving	15.94	15.94					15.94	
2212	2/6/2019	Timberlake Lodge	175.00		175.00				175.00	
2213	2/6/2019	AT&T Mobility	145.28	145.28					145.28	
2214	2/12/2019	KirkGilbertson CPA	354.60	354.60					354.60	
2215	2/15/2019	Carissa Anderson	761.58				761.58		761.58	
ACH	2/15/2019	Withholding	70.75				70.75		70.75	
2216	2/24/2019	Itasca County	500.00					500.00	500.00	
2217	2/28/2019	Carissa Anderson	762.58				762.58		762.58	
ACH	2/28/2019	Withholding	70.75				70.75		70.75	
2218	2/28/2019	Central Square Mall	231.00				231.00		231.00	
ACH	3/4/2019	Donor Snap on line giving	15.00	15.00					15.00	
2219	3/8/2019	AT&T Mobility	140.57	140.57					140.57	
2220	3/5/2019	Card Service Center	21.26				21.26		21.26	
2426	3/6/2019	ForestLakeRestaurant	200.00				200.00		200.00	
2221		VOID	-						-	
2222	3/22/2019	KirkGilbertson CPA	105.60	105.60					105.60	
2223	3/27/2019	Carissa Anderson	204.44				204.44		204.44	
	3/27/2019	Withholding	16.94				16.94		16.94	
2224	3/31/2019	Post Office	100.00	100.00					100.00	
2225	3/29/2019	Minnesota Lakes and Rivers	150.00	150.00					150.00	
2226	3/31/2019	Central Square Mall	231.00				231.00		231.00	
2227	3/29/2019	Itasca SWCD	500.00	500.00					500.00	
									-	
			0.10	0.10					0.10	
		Employer Unemployment	8.00	8.00					8.00	
		Employer FICA share	255.00				255.00		255.00	
									-	
Total Expenditures			8,374.22	2,725.26	-	175.00	4,973.96	-	500.00	8,374.22
Receipts										
	1/5/2019	Memberships	75.00	75.00					75.00	
	1/11/2019	Memberships	130.00	130.00					130.00	
	1/11/2019	Memberships on line	2.00	2.00					2.00	
	1/22/2019	Memberships	20.00	20.00					20.00	
	1/24/2019	Western National Refund	5.00	5.00					5.00	
	1/24/2019	Memberships	200.00	200.00					200.00	
	1/28/2019	Cash Donation	10.00	10.00					10.00	
	1/28/2019	Memberships	70.00	70.00					70.00	
	1/28/2019	Wabana Chain	100.00	100.00					100.00	
	1/31/2019	Interest	27.76					27.76	27.76	
	2/12/2019	Memberships	100.00	100.00					100.00	
	2/14/2019	Memberships	160.00	160.00					160.00	
	2/20/2019	Memberships	180.00	180.00					180.00	
	2/20/2019	Donation Blandin Match	200.00	200.00					200.00	
	2/28/2019	Interest	25.08					25.08	25.08	
	3/4/2019	Donor Snap on line giving	71.00	71.00					71.00	
	3/6/2019	Memberships	110.00	110.00					110.00	
	3/8/2019	Donor Snap on line giving	119.00	119.00					119.00	
	3/11/2019	Memberships	30.00	30.00					30.00	
	3/26/2019	Memberships	80.00	80.00					80.00	
	3/31/2019	Interest	27.78					27.78	27.78	
									-	
									-	
Total Receipts			1,742.62	1,662.00	-	-	-	-	80.62	1,742.62
Current Balance			103,272.95	57,231.42	1,896.36	(175.00)	29,087.75	(1,417.09)	16,649.51	103,272.95

ATTACHMENT #3

2019 Budget															
Budget Summary															
March 31, 2019															
	Actual 2018	Budget 2019	Actual 2019	Actual 2018	Budget 2019	Actual 2019	Actual 2018	Budget 2019	Actual 2019	Actual 2018	Budget 2019	Actual 2019	Budget 2019	Actual 2019	
	Itasca Waters Operating			Blandin Old - Youth Summit			Blandin New - Shoreland			We Are Water			Bush Foundation		
Revenues															
Memberships and Donations	6,241.28	7,000.00	1,655.00				1,200.00			0	10,000.00				
Misc Grants	974.02	1,000.00													
Private Grants							60,000.00	50,000.00					114,040.00		
Memorials	75.00	400.00													
Edward Jones stock donation	328.35														
Edward Jones Sale	(508.75)														
Interest and Dividends	35.80	30.00		234.63	100.00	80.62									
Administrative fee	-	3,000.00													
Miscellaneous	(5.48)														
Total Revenue	7,140.22	11,430.00	1,655.00	234.63	100.00	80.62	61,200.00	50,000.00	-	-	10,000.00	-	114,040.00	-	
Expenditures															
Contracted Services	2,000.00	1,000.00		815.44	1,700.00		4,375.00	10,000.00					87,000.00		
Board Development													7,000.00		
Salaries and Wages							7,782.06	20,000.00	3,554.70	1,384.57	4,583.00				
Employer paid benefits	8.00	20.00	8.00				541.23	2,386.00	255.00	32.52					
Telephone	2,074.03	1,728.00	432.42												
Accounting Fees	2,698.10	2,700.00	590.80												
Dues and Memberships	1,670.00	1,500.00	400.00												
Equipment															
Fuel and Oil															
Grant Administration Fee							-	3,000.00							
Insurance	2,785.00	3,000.00	(5.00)												
Interest and bank fees	48.24	25.00													
Mileage and Travel							27.24	1,000.00					540.00		
Registration Conferences															
Postage	143.98	150.00		50.00	100.00		410.00	500.00							
Program Supplies	288.31	300.00		2,959.89	3,200.00		455.00	5,000.00			4,000.00		3,500.00		
Promotion	383.49	400.00	500.00	472.56	500.00		3,017.03	5,000.00	450.00				11,000.00		
Membership Drive	1,193.42	1,200.00	760.06												
Rental and Storage		2,158.00		500.00	500.00	500.00	1,386.00	614.00	693.00				5,000.00	175.00	
Repair and Maintenance															
Office Supplies	255.29	100.00					2,335.23		21.26						
Printing	46.49	100.00					6,013.75	1,000.00							
Website	71.96	1,500.00	31.98	4,149.75			2,295.75	1,500.00							
Total Expenditures	13,666.31	15,881.00	2,718.26	8,947.64	6,000.00	500.00	28,638.29	50,000.00	4,973.96	1,417.09	8,583.00	-	114,040.00	175.00	
Revenues over(under) Expenditures	(6,526.09)	(4,451.00)	(1,063.26)												

ATTACHMENT #4

Bush Grant
2019-2021
Pat Leistikow, Treasurer Interpretation

	Bush	Blandin	WeAreWater	IN Kind	Total
Revenue	114,040.00	40,000.00	10,000.00	35,000.00	199,040.00
Expenses					
Community Engagement					
Space Rental	4,000.00				4,000.00
Materials	500.00		500.00		1,000.00
Food	500.00		500.00		1,000.00
Volunteers/Participants				35,000.00	35,000.00
Consultant	75,000.00				75,000.00
Operating/Overhead					
Staff		21,650.00	6,000.00		27,650.00
Rent	1,000.00	10,000.00	1,000.00		12,000.00
Travel	540.00	540.00			1,080.00
Office Supplies		500.00	500.00		1,000.00
Postage		500.00	500.00		1,000.00
Pilot/Implementation					
Brochures	2,000.00	1,310.00			3,310.00
Video	5,000.00				5,000.00
Radio		1,500.00			1,500.00
Billboard	4,000.00				4,000.00
Stipends	3,000.00				3,000.00
Engage Arts Community	9,000.00		1,000.00		10,000.00
T-shirts	2,500.00	4,000.00			6,500.00
Board Development	7,000.00				7,000.00
	114,040.00	40,000.00	10,000.00	35,000.00	199,040.00

ATTACHMENT #5

Summary of Past Executive Committee Actions—February 2019 – April 2019

Administrative items such as the approval of agenda, consent agenda, minutes and financial reports are not included. Full minutes and attachments are sent to all Board members after each Executive Committee meeting.

February 2019

Motion to approve \$900 from the Bush Foundation grant to pay for ancillary costs for the May 23rd Board Retreat. (Jan Sandberg, Dave Lick) M/S/U

Motion for Carissa to approach MN Humanities to get permission for use of one of the \$1000 grants for the project with Grand Rapids Arts and Culture Commission. (Pat Leistikow, Brian Whittemore) M/S/U

Motion to give Carissa permission to approach MN Humanities for \$1,000 for the July 5 Downtown Community Picnic. IW will be lead organization for this event. (Brian Whittemore, Dave Lick) M/S/U

March 2019

Motion to approve the \$150 for MN Lakes and Rivers membership (originally listed as 4.h. on the agenda, Attachment #3) (Dave Lick, Brian Whittemore) M/S approved with one no vote (she gets the newsletter elsewhere).

Motion to approve \$100 for postage for membership mailings paid to USPS and to be expended by Shirley Loegering. (Dave Lick, Lynn Moratzka) M/S/U

Motion to approve a contract with unTapped for a maximum of \$75,000 for the two years of the Bush grant agreement as described in the attached contract (Attachment #5). (Dave Lick, Shirley Loegering) M/S one abstention

Motion to take the logo issue forward to the April quarterly meeting with Jan Best to help prepare information (current, old, new) in advance. (Tim Scherkenbach, Jan Best) M/S/U

Motion to (1) invite Sandy Anderson and Jesse Davis to join the IW Board sharing a position for a term ending in 2022 and (2) recommend appointment for a shared position to the IW Executive Committee (Dave Lick, Brian Whittemore) M/S/U

Motion to contribute \$500 for the Itasca Area Lake Service Provider Summit. (Tim Scherkenbach, Dave Lick) M/S/U

April 2019--cancelled

ATTACHMENT #6



Jan Sandberg <jan.f.sandberg@gmail.com>

Fwd: Shoreland Advisors Tier 1 Training

David Lick <wabana54@gmail.com>

Mon, Apr 15, 2019 at 8:11 AM

To: Jan Sandberg <jan.f.sandberg@gmail.com>, Pat Leistikow <PatandRodLeistikow@gmail.com>, Jesse Davis <jesse@moveitrealestate.com>, Sandy Anderson <sandy@lakehomes.com>, "Loegering, S." <pershirl@gmail.com>, Brian Whittemore <brwhit44@gmail.com>, William Marshall <marsh323@gmail.com>, "Cone, Kathy" <kiffyl@hotmail.com>, Andy Arens <andy.arenas@itascaswcd.org>, Benjamin Benoit <benjamin.benoit@llojibwe.org>, Lynn Moratzka <lgm7739@me.com>, "W.F. Grantges" <Bill@grantges.net>, "Downing, J." <limnoguy@gmail.com>, Megan Christianson <megan@visitgrandrapids.com>, Daniel Swenson <Daniel.Swenson@co.itasca.mn.us>, "Tinquist, Davin" <davin.tinquist@co.itasca.mn.us>, "Steward, D." <dan.steward@state.mn.us>

Good morning.

This is a cost breakdown for U of M extension providing educational services for the shoreland program. Please review prior to the meeting today so you can vote. Thanks hope to see a bunch of you today.

Dave

----- Forwarded message -----

From: **Karen Terry** <kterry@umn.edu>

Date: Sun, Apr 14, 2019 at 10:20 PM

Subject: Shoreland Advisors Tier 1 Training

To: Dave Lick <wabana54@gmail.com>, Jan <jbest51@yahoo.com>, Tim and Deena Scherkenbach <tdscherkenbach@gmail.com>

Hi Dave, Jan, and Tim,

Based on our 4/2 conversation and a follow-up call with my business manager last week, below is a budget for the Tier 1 training that we discussed. This includes four trips (12/11/18, 3/6, ~5/24, and 5/31-6/1), two back-to-back workshops (5/31-6/1), one webinar (Score Your Shore), and a preliminary version of the reference guide.

Travel: \$756 (4 trips, 1304 miles@ \$0.58/mile)

Hotel and per diem for 5/31-6/1: \$200

Time: \$2100 (prep: 40 hours, travel: 24 hours, and on-site: 10 hours)

Printing and supplies: \$750

Total: \$3806

I understand that you have a meeting tomorrow and plan to discuss this. I am available tomorrow morning and most of the afternoon so please feel free to call me at 218-770-9301 if you have any questions. I'd be happy to discuss this with you.

Thank you,

Karen

Karen L. Terry

Extension Educator, Water Resources

University of Minnesota Extension

West Central Research and Outreach Center

46352 State Highway 329

Morris, Minnesota 56267

218-770-9301

kterry@umn.edu

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**The University of Minnesota Extension Water Resource team's mission is to make a difference by connecting community needs and University resources to address Minnesota's critical water resource issues by providing and modeling effective education to ensure safe and sustainable water resources.**

## ATTACHMENT #7

<https://www.tandfonline.com/doi/abs/10.1080/10402381.2018.1471110?journalCode=ulrm20>

Radomski P, Carlson K. Prioritizing lakes for conservation in lake-rich areas. *Lake Reserve Manage.* 34:401–416.

Published online: 25 Sep 2018

**Abstract:** Identifying lakes in which to invest water quality conservation efforts can help more effectively target efforts and more efficiently utilize limited resources. The objective of this study was to compare different approaches to prioritize Minnesota lakes primarily for water quality protection or restoration. Lakes were objectively ranked using a multi-criteria values-based model that included phosphorus-loading resilience, level of watershed degradation, and feasibility of water quality protection or restoration. We explored how the list of priority lakes might change when incorporating benefit:cost ratios that used a hedonic model to predict land value increases with total phosphorus loading reductions. In addition, we examined the influence of including data on lakes with unique or high-quality biological communities. The multi-criteria values-based model was moderately correlated with the benefit:cost ratio approach; however, the exclusion of benefits and cost in the prioritization would likely result in the loss of a modest amount of potential benefit (~20%). A focus on impaired waters would likely result in considerable forgone benefit (~80%) and substantially higher costs. We provide recommendations on how to combine prioritization approaches along with a peer review process to produce lake priority lists that are both defensible and practical.

## UPDATING OF ITASCA WATERS LOGO

**Amber Powers, from Creative North Graphic Design, provided us with 50 updated logo vector files so we have a lot of choices and formats from which to choose depending on our needs: website, letterhead, powerpoint, tv, business cards, billboards, etc. She has also given us an instruction sheet as to what files to use depending on our needs.**

**Some of the choices on the files are: two color, black and white, icon only, “itasca waters” by itself. Here’s the Dropbox link so you can look at the logos.**

**<https://www.dropbox.com/sh/2voig8slvt27i38/AABEp-0Ubiko5LlwBUsaXPQja?dl=0>**

**If anyone wants to revisit the logo issue, I suggest we postpone it until fall. However, I think we reached a good compromise that we can live with. We used the updated logo on the ICTV set last week and it worked perfectly.**

**Here are the instructions Amber gave us as to when to use the various logos.**

Congratulations on your new logo!



# ITASCA WATERS

## *Team Up for Clean Waters*

Below are the details of your logo:

- Formats saved and emailed to you: .eps, .ai, .tif, .jpg, pdf, png  
*(tif and png have a transparent background-however, it is not guaranteed to work on all programs)*
- Your main PMS colors are: PMS 540 (blue) and PMS 370 (green)
- Your fonts are: Myriad Pro and Bodoni

File formats for print & web use

**AI** illustrator – TOP quality vector logo design format. Unlimited DPI / unlimited size.  
Used mainly for: large print, huge signs, billboards, printing logo on trucks and cars, laser printing, T-Shirts.

**EPS** – TOP quality vector logo design format. Unlimited DPI / unlimited size.  
Used mainly for: special prints, laser printing, selective printing, T-Shirt.

**PDF** – most versatile and flexible file.  
Used mainly for: small – medium print as business cards, stationery, letterhead, multiple pages print.

**PNG** – Transparent logo without background. Limited DPI / Limited size.  
Used mainly for: website logo, social media, email, PowerPoint presentations, video production.

**TIF** – Transparent logo without background. Limited DPI / Limited size.  
Used mainly for: small – medium print as business cards, stationery, letterhead

**JPG** – Very versatile and flexible image file. Limited DPI / Limited size.  
Used mainly for: small print, website logo, email, social media.

Please call if I can assist you with anything else.  
Thank you for your business.

Sincerely,  
Amber Powers

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**ATTACHMENT #9**

FEATURED

## VISITOR'S DAY AT NCROC

Aug 28, 2018

The University of Minnesota's North Central Research and Outreach Center in Grand Rapids hosted its annual Visitor's Day on Aug. 23. The event opens the center's gardens to the public with tours, informational presentations, expert advice tables, displays and more. Originally established in 1896, NCROC is one of six U of M agricultural experiment stations located throughout the state. The location's original purpose was to facilitate agricultural development of the "cut over" forested areas of northeast Minnesota. It's goals are now broadened to include ongoing research into specific horticultural endeavors. Cold hardiness is tested in woody ornamentals and apples, along with fruits and vegetables, chrysanthemums and annual flowers. It was designated an All American Selection Display Garden in 1990. Plants are set out in rows or plots or hanging baskets rather than in more garden-like mixed beds. All plants are labeled.

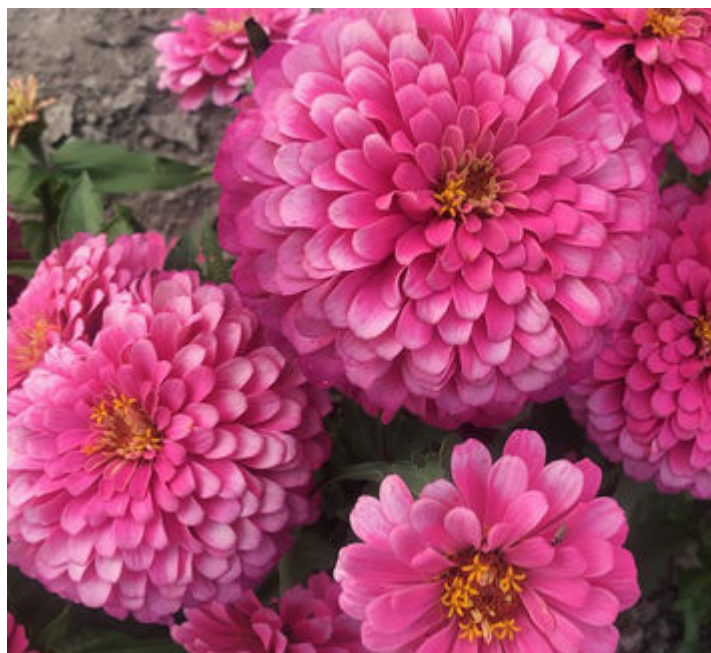
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Photo by Britta Arendt | Herald-Review