

Notice: Use of this form is required by the DNR for any application filed pursuant to ch. NR 198, Wis. Adm. Code. Personal information collected on this form, including such data as your name, address, phone number, etc., will be used for management and enforcement of DNR programs, and is not intended to be used for any other purpose. Information may be made accessible to requesters under Wisconsin's Open Records laws (s. 19.32-19.39, Wis. Stats.) and requirements.

Section I: Application Type

Check one:

- Education, Prevention & Planning Early Detection & Response Established Infestation Control

Legislative District Numbers		To determine your legislative district, go to http://165.189.139.210/WAML/ Type in complete address, next screen shows information.
Senate	Assembly	
26	78	

Section II: Applicant Information

Applicant River Alliance of Wisconsin			Type of Eligible Applicants		
Waterbody Name St. Croix River			<input type="checkbox"/> County	<input type="checkbox"/> Tribe	<input type="checkbox"/> Other Gov't Unit
Project County/Township/Section/Range Polk, St. Croix, Burnett, Washburn, Pierce, Douglas, Sawyer			<input type="checkbox"/> City	<input type="checkbox"/> Sanitary Dist.	<input checked="" type="checkbox"/> Nonprofit Org.
Authorized Representative Named by Resolution Denny Caneff			<input type="checkbox"/> Village	<input type="checkbox"/> Dist.	<input type="checkbox"/> College, School, etc.
Authorized Representative Title Executive Director			<input type="checkbox"/> Town	<input type="checkbox"/> Assoc.	<input type="checkbox"/> Federal
Address 306 East Wilson St. Suite 2W			Project Contact Name Laura MacFarland		
City Madison			Project Contact Title Director, River Alliance AIS Program		
State WI			Address 306 East Wilson St. Suite 2W		
ZIP Code 53703			City Madison		
Daytime Phone (area code) (608) 257-2424			State WI		
Evening Phone (area code)			ZIP Code 53703		
E-mail Address dcaneff@wisconsinrivers.org			Daytime Phone (area code) (608) 257-2424		
			Evening Phone (area code)		
			E-Mail Address lmacfarland@wisconsinrivers.org		

Mail Check to: (if different from applicant)

Name and Title		Address	
Organization		City	State
		ZIP Code	

<i>For DNR Use Only</i>			
Application Type	Date Received <i>1/28/14</i>	Date Reviewed (AIS/LC/RC) <i>2-20-14</i>	AIS/Lake /River Coordinator Approval /Date
Waterbody ID#	Adequate Public Access <input type="checkbox"/> Yes <input type="checkbox"/> No	Environmental Grants Specialist Approval / Date	
Eligible Project <input type="checkbox"/> Yes <input type="checkbox"/> No	Eligible Applicant <input type="checkbox"/> Yes <input type="checkbox"/> No	Project Priority Rank	Research / Demo Project <input type="checkbox"/> Yes <input type="checkbox"/> No
Prior Grant Award(s) <input type="checkbox"/> Yes <input type="checkbox"/> No	Fiscal Year(s)	Amount Received To Date \$	Project Awarded <input type="checkbox"/> Yes <input type="checkbox"/> No

Aquatic Invasive Species (AIS) Control Grant Application

Form 8700-307 (12/11)

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Section III: Project Information

Project Title St. Croix River AIS Planning, Prevention and Outreach	Proposed Ending Date 12/31/16
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Other Management Units	Letter of Support	Other Management Units	Letter of Support
1. National Park Service	<input checked="" type="checkbox"/>	4. Polk County Land and Water Dept.	<input checked="" type="checkbox"/>
2. St. Croix Basin Team	<input checked="" type="checkbox"/>	5. St. Croix County Resource Management Dept.	<input checked="" type="checkbox"/>
3. Wisconsin Extension	<input checked="" type="checkbox"/>	6. Burnett County Land and Water Dept.	<input checked="" type="checkbox"/>

Section IV: Public Access

Number of Public Vehicle Trailer Parking Spaces Available at Public Access Sites:	200
Number of Public Access Sites Including Boat Launches and Walk-ins:	20

Section V: Cost Estimate and Grant Request

Section V must be completed or application will be returned. Details in support of Section V are welcome.

Section V must be completed or application will be returned. Details in support of Section V are welcome.	Project Costs		
	Column 1 Cash Costs	Column 2 Donated Value	DNR Use Only
1. Salaries, wages and employee benefits	135,000.00	50,000.00	
2. Consulting services	3,000.00		
3. Purchased services--printing and mailing	4,000.00		
4. Other purchased services (specify):	4,000.00		
5. Plant material			
6. Supplies (specify)			
7. Depreciation on equipment			
8. Hourly equipment use charges		1,500.00	
9. State Lab of Hygiene (SLOH) Costs			
10. Non-SLOH Lab Costs			
11. Other (specify)	4,000.00		
12. Subtotals (sum each column)	150,000.00	51,500.00	
13. Total Project Cost Estimate (sum of column 1 plus sum of column 2)	201,500.00		
14. State Share Requested (up to 75% of total costs may be requested)	156,125		

Subject to the following maximum grant amounts:

- Education, Prevention and Planning Projects--up to \$150,000
- Early Detection and Response Projects--up to \$20,000
- Established Infestation Control Projects--up to \$200,000

Use of Federal funding as match: (check box below if applicable)

We are using or planning to apply for Federal funds to be used as match.

If known, indicate source of funding: National Park Service staff wages match

Aquatic Invasive Species (AIS) Control Grant Application

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Section VI: Attachments (check all that are included)

A. For all applicants: (Refer to instructions for applicability.)

- 1. Authorizing resolution
- 2. Letters of support
- 3. Map of project location and boundaries
- 4. Lake map or river segment with public access sites identified (per Section IV of this application and page 20 of the guidelines)
- 5. Itemized breakdown of expenses
- 6. For projects that entail sending samples to the State Laboratory of Hygiene (SLOH) only: a completed SLOH Projected Cost Form
- 7. Project scope/description:
 - a. Description of project area
 - b. Description of problem to be addressed by project
 - c. Discussion of project goals and objectives
 - d. Description of methods and activities
 - e. Description of project products or deliverables
 - f. Description of data to be collected, if applicable
 - g. Description of existing and proposed partnerships
 - h. Discussion of role of project in planning and/or management of lake
 - i. Timetable for implementation of key activities
 - j. Plan for sharing project results
 - k. Other information in support of project not described above

B. For applicants that are Lake Management Organizations (LMOs), River Management Organizations (RMOs) or Qualified Non-profit Organizations:

- 1. For first time applicant LMOs/RMOs only: A completed Form 8700-226 (Lake Association Organizational Application) or 8700-287 (River Management Organization Application)
- 2. For first time applicant Qualified Nonprofit Organizations only: Copy of IRS 501(c)(3) determination letter and copies of your Articles of Incorporation and Bylaws
- 3. List of national and/or statewide organizations with which you are affiliated
- 4. List of board members' names, including municipality and county of residence. Designate officers
- 5. Documentation of current financial status
- 6. Brochures, newsletters, annual reports or other information about your organization

C. Education, Prevention and Planning Projects: (No additional attachments required.)

D. Early Detection and Response Projects:

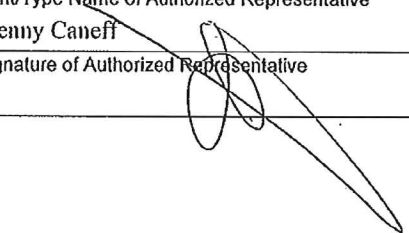
- 1. APM Permit application

E. Established Infestation Control Projects:

- 1. Management Plan
- 2. APM Permit application

Section VII: Certification

I certify that information in this application and all its attachments are true and correct and in conformity with applicable Wis. Statutes.

Print/Type Name of Authorized Representative Denny Caneff	Title of Authorized Representative Executive Director
Signature of Authorized Representative 	Date Signed 12/4/14

Attachment F. Itemized Breakdown of Expenses

Expense	Grant Cash	Donated Match
Salary & Wages		
River Alliance Administration	\$7,500	
SCRA AIS Coordinator (new full time position)	\$120,000	
SCRA Executive Director	\$7,500	
NPS technician, AIS staff		\$50,000
Consulting services		
Educational and outreach material design	\$3,000	
Purchased Services- Printing and mailing		
Project RED Materials	\$500	
Newsletters	\$1,500	
Recruitment materials and mailings	\$1,000	
Other printing and mailing	\$1,000	
Supplies		
AIS signage and installation supplies	\$200	
Disinfection kits, stations	\$500	
Bait dealer toolboxes, information	\$500	
Other education and outreach materials	\$2,800	
Hourly equipment use charges		
Canoes, kayaks and watercrafts		\$1,500
Other		
Travel (mileage, conferences, meals)	\$1,000	
Office supplies	\$500	
Workshop and event expenses	\$2,500	
Totals	\$150,000	\$51,500
Project total	\$201,500	

St. Croix River AIS Planning, Prevention & Outreach

Project Summary

The overall objective of this project is to create a strategic plan for controlling aquatic invasive species (AIS) in the St. Croix River and its watershed. The appearance of zebra mussels, Asian carp, Japanese knotweed, and other non-native invaders have alarmed many of the agencies and organizations working on behalf of the St. Croix, and the tributaries within the watershed. There is clear need for a coordinated effort to reduce the impacts and slow or prevent the devastation caused by AIS. If awarded this Aquatic Invasive Species Control Grant, the River Alliance of Wisconsin acting on behalf of the St. Croix River Association (SCRA) will enable the SCRA to provide a coordinator to:

- Coordinate the St. Croix River basin stakeholders in achieving the prevention, containment, and control of AIS and their impacts.
- Inventory existing AIS programs and identify gaps where work is needed; identify threats within St. Croix River basin; develop a plan with strategies specific to river systems to direct AIS prevention, detection, and rapid response activities.
- Engage river people; coordinate information and outreach to targeted audiences and high value areas regarding invasive species.

Description of project area

One of the original eight nationally designated wild and scenic rivers, the St. Croix is the cleanest tributaries to the Mississippi River. It is a high value fishery, and the healthy, diverse ecosystem includes 38 species of mussels, several of which are rare or endangered. This complex system is threatened by aggressive invasive species. As the only watershed wide organization within its 7,770 square mile watershed, the SCRA has played a vital role in networking, facilitating and organizing water quality protection activities and management. This project proposes to focus on the main stem and major tributaries to the St. Croix River, and identify priorities areas in Douglas, Washburn, Sawyer, Burnett, Polk, St. Croix, and Pierce counties. See *Attachment D. Project Location*

Description of problem

The St. Croix River has high quality natural ecosystems, beautiful scenery, striking geologic feature, unique cultural resources, and abundant recreation opportunities. At the confluence of the St. Croix and the Mississippi rivers near Prescott, there is a clear designation in the rivers by water color. But that “line” gives a false sense of security. Pioneer populations of parrot feather, Asian carp, water lettuce, hyacinth, Asian clams and quagga mussels are not widespread in Wisconsin but are present in the Mississippi River. Boaters travel between the Mississippi River and the St. Croix River on a daily basis. Without a more coordinated effort there is nothing to stop them from moving up river or to inland waterbodies. Known aquatic and terrestrial invasive species infestations within the St. Croix River include Eurasian watermilfoil, curly-leaf pondweed, zebra mussels, yellow iris, garlic mustard, purple loosestrife, oriental bittersweet and Japanese knotweed.

Annually, over one million people use this wild and scenic river for recreation. The St. Croix River has more than the minimum public boating access as defined in s. NR 1.91(4). The Wisconsin Department of Natural Resources (WI DNR) has inventoried approximately 20 boat launches on the main stem of the St. Croix River. The National Park Service identifies 32 public boat launches on the mainstem. There are dozens more access points at various private marinas, resorts, youth camps and sportsmen's clubs. In addition, there are significant alternative public access and use opportunities, including city, county and state parks, campgrounds, picnic areas and fishing piers. See *Attachment E. Public Access Sites*

For these reasons, the WI DNR considers the St. Croix River a "superspreader". According to the WI DNR Statewide Strategic Plan for Invasive Species, (2012-2016), "*The St. Croix River basin is at risk of being deeply and negatively impacted by a suite of harmful AIS, due to both its physical connection with the Mississippi River a "source waters" of an estimated 135 invasive species (US Geological Survey, 2009), and its status as a regional recreational destination*".

For years stakeholders within the St. Croix River basin have recognized aquatic invasive species as a threat to the overall health of the river's ecosystem and resource management throughout the watershed. Invasive species impact the ecology of a water body by degrading water quality, reducing species diversity and altering the food web resulting in a change in game fish populations. Dense infestations and nuisance growth of AIS also affect recreational opportunities such as boating, swimming and fishing. Local economies depend on the pristine nature of the river for the multimillion dollar recreation and tourism business brought to the area by boaters, paddlers, wildlife watchers, cold and warm water anglers and many others.

Recognizing the true threat of AIS on the St. Croix National Scenic Riverway, the National Park Service (NPS) publishes an annual action plan for the Lower Portions of the St. Croix River. According to the 2012 Action Plan "*The introduction of non-native aquatic invasive species (AIS) into Minnesota and Wisconsin waters threatens the ecology of the region's and states' water resources, and may harm industrial, recreational and subsistence use of the infested waters.*"

While agencies have committed time and energy to combat invasive species, these same agencies have expressed the need for additional resources and a coordinated effort.

Goals, Objectives, Activities, and Deliverables

Goal 1: Expand the St. Croix AIS Partnership Team

Objectives and Activities:

1. Provide an AIS coordinator to work across current political boundaries to identify and recruit additional stakeholders within the basin. See existing and proposed partnership section below for a known list of stakeholders.
2. Working collaboratively with the core project partners, especially the NPS as the project is within park boundaries, the coordinator will report to the SCRA Executive Director.

3. The coordinator will create an atmosphere in which people are willing to share information, ideas and resources to meet common goals.
4. Commitment will be gained from stakeholders dedicated to shape strategies, plans and activities related to AIS within the basin.

Deliverables:

1. Increased membership of the SCRA AIS task force to include at least six new entities.
2. A diverse group of stakeholders that meets regularly and actively participates in the AIS partnership team activities.

Goal 2 : Development of AIS Strategic Plan

Objectives and Activities:

1. Compile existing information related to AIS management, including but not limited to water access points, AIS locations and inventories, current programs and management plans.
2. Identify threats and impacts of AIS including ecological, economic and cultural impacts within St. Croix River basin.
3. Identify the informational and programmatic gaps, future work to be accomplished, and support the work already underway.
4. Develop a strategic plan specific to river systems to direct AIS prevention, detection, and rapid response activities. The plan will include:
 - a) Background information and overview of all NR40 prohibited species that threaten the St. Croix River and its Watershed.
 - b) Identification of priority AIS concerns by watershed partners.
 - c) Evaluation of the current strategies for AIS prevention, detection and control.
 - d) Recommended strategies to detect AIS infestations and prevent their spread, with an emphasis on protecting critical native habitat. Strategies may include changes to local ordinances and rules that govern water bodies.
 - e) Procedures for rapid response, containment and management of newly identified AIS infestations.

Deliverables:

1. A comprehensive AIS Strategic Plan for St. Croix River watershed that meets the specifications of s.NR 198.43 (1).
2. A central data base that includes all known access points and AIS locations within the St. Croix River basin.

Goal 3: Community engagement and outreach

Objectives and Activities:

1. Carry out prevention, detection, and control activities identified in the AIS Strategic Plan.
2. Actively engage river people by coordinating outreach activities targeted at specific audiences and high value areas to be identified through the strategic planning process.
3. Implement the Bait Dealer Initiative to increase the "AIS aptitude" of marinas and bait dealers.
4. Train volunteers to identify AIS and conduct surveillance monitoring for early detection through the Project RED program.
5. Organize and launch the Clean Boats, Clean Waters Program along the mainstem of the river and conduct volunteer trainings.
6. Conduct other complimentary source containment activities (ie boat washing stations, clean stations, etc) as deemed necessary through strategic planning.
7. Offer technical support to river and watershed groups by providing trainings, workshops, local implementation plans, signage, brochures, and educational materials.
8. Ensure there is adequate AIS signage at priority access points along the river.

Deliverables:

1. Expanded volunteer base and activities for AIS detection and prevention programs maximizing outreach efforts with partner agencies.
2. Performance of outreach activities including, but not limited to:
 - a. Provide all bait shops along the mainstem of the river with the opportunity to participate in the Bait Dealer Initiative and provide them with toolkits.
 - b. Two Project RED trainings for volunteer AIS monitoring. Newly identified infestations will be mapped and documented using WI DNR protocols, such as point intercept surveys. All data collected through the program will be entered into the SWIMS database.
 - c. 200 hours of Clean Boats, Clean Waters program watercraft inspections at priority boat launches on the St. Croix River where AIS are found. All data CBCW data will be entered into the SWIMS database.
 - d. At least four complimentary source containment activities as deemed necessary by the strategic plan (ie boat washing stations, cleaning stations, ect.)
3. Install up to 10 new State AIS signs at boat landings as needed.

St. Croix River Association's Past and Present Actions:

The mission of the St. Croix River Association is to protect, restore and celebrate the St. Croix River and its watershed. The SCRA has actively pursued and managed several watershed restoration activities including, but not limited to, a \$500,000 Minnesota Pollution Control Agency grant to reduce phosphorus loading in the watershed through the implementation of urban and agricultural best management practices, a \$125,000 US Forest Service project promoting forest planning and forestry

best management practices for water quality, and a \$120,000 Legislative-Citizen Commission on Minnesota Resources (LCCMR) grant project to prioritize resources within the St. Croix Basin.

The SCRA has yet to receive a Wisconsin DNR AIS grant, but has experience with two Wisconsin DNR River Planning grants for the Lower Apple River watershed. Through these two River Planning grants, the SCRA has showed the ability to fulfill grant requirements on a timely manner and manage successful projects. When the Asian carp threat became clear, the SCRA created an AIS Task Force which included members of our board, the National Park Service, Polk County Land and Water Department, and the River Alliance of Wisconsin. That group quickly expanded the scope beyond just carp to include other AIS. In 2013 this SCRA Task Force held two Project RED trainings, participated in the Minnesota Asian Carp Task Force created by Governor Dayton, and co-sponsored an Asian Carp Summit in Lacrosse, WI. This proposed project will enhance and expand upon the SCRA's previous work to detect and control AIS within the St. Croix River Basin.

For over a year the SCRA has been working closely with the Wisconsin DNR to bring AIS activities and management to the St. Croix River Basin. Patrick Sorge, the Northwest Regional Lake Management Coordinator for the Wisconsin DNR has been actively involved in reviewing and developing this proposal.

Description of data to be collected:

Data to be collected for this project will include locations of AIS in targeted areas outlined in the Strategic Plan. Additional information will include supplementary information on public access sites.

Description of existing and proposed partnerships (*Existing Partners)

*National Park Service

County Land and Water Departments –Douglas, Washburn, Sawyer, Burnett, * Polk, St. Croix, and Pierce

*River Alliance of Wisconsin

Wisconsin Department of Natural Resources

US Geological Survey

*St. Croix Basin Team

US Fish and Wildlife Service

University of Wisconsin Extension

The Nature Conservancy

Hunting/Fishing Clubs- Muskies Inc, Indianhead Bassers, Game Unlimited

YMCA Camp St. Croix

Marinas

Bait Dealers

Local Civic Groups- such as Rotary, Lions

Local Lake and Rivers Association

Plan for sharing project results

Project status, products and information will be shared with all partners, posted on the SCRA website, various social media outlets such as St. Croix 360 and Facebook, as well as SCRA newsletters, eBlasts and routine communications with partners via meetings, presentations and conferences. All AIS related data collected will be entered into the SWIMS database as applicable. The project evaluation component will also be shared with all partners. SCRA, through River Alliance, will submit a quarterly reports and request for reimbursement from the WI DNR, or as requested.

Timeline: April 1, 2014 – December 31, 2016. Refer to *Attachment G. Project Timeline* for specifics.

Existing plans or management efforts related to or of similar scope:

Lower Wisconsin River Basin Aquatic Invasive Species Strategic Plan. January 2012, River Alliance of Wisconsin

Asian Carp Action Plan. <http://www.nps.gov/sacn/naturescience/upload/Asian-Carp-action-plan-11-2-2011-Final.pdf> (accessed 7/29/2013)

Statewide Strategic Plan for Invasive Species, WI DNR (2012-2016)

2012 Annual Action Plan for the Lower the St. Croix River, the St. Croix National Scenic Riverway, the NPS

Strategic and Operational Plan for the Long Term Resource Monitoring Program on the Upper Mississippi River System, Fiscal Years 2010-2014.

http://www.umesc.usgs.gov/trmp/ateam/strategic_operational_plan_final_30june2009.pdf (accessed 7/29/2013)

Action Plan to Minimize Ecological Impacts of Aquatic Invasive Species in the Mississippi River Basin.

http://micrarivers.org/images/stories/AIS_Action_Plan/MICRA_AIS_Action_Plan.pdf (accessed 7/29/2013)

Attachments:

- A. Authorizing Resolution – River Alliance of Wisconsin
- B. Authorizing Resolution – St. Croix River Association
- C. Letters of Support
- D. Project Location
- E. Public Access Sites
- F. Itemized Breakdown of Expenses
- G. Timetable
- H. National and/or State Affiliations – River Alliance of Wisconsin
- I. National and/or State Affiliations – St. Croix River Association
- J. Board Members – River Alliance of Wisconsin
- K. Board Members – St. Croix River Association
- L. Current Financial Status – River Alliance of Wisconsin
- M. Current Financial Status – St. Croix River Association

Attachment A. Board Resolution River Alliance of Wisconsin

Aquatic Invasive Species Control Grant

Resolution # 2014-2

RESOLUTION OF River Alliance of Wisconsin, County of Dane on behalf of the St. Croix River Association

WHEREAS, the St. Croix River and its watershed are important resources used by the public for recreation and enjoyment of natural beauty; and

WHEREAS, public use and enjoyment of all of Wisconsin's rivers are best served by protection from infestation of aquatic invasive species; and

WHEREAS, we recognize the need to provide information or education about aquatic invasive species; and

WHEREAS, we are qualified to carry out the responsibilities of an aquatic invasive species control project.

NOW, THEREFORE, BE IT RESOLVED THAT the River Alliance of Wisconsin requests grant funding and assistance available from the Wisconsin Department of Natural Resources under the "Aquatic Invasive Species Control Grant Program" and hereby authorizes the executive director to act on behalf of the River Alliance of Wisconsin to:

- submit an application to the State of Wisconsin for financial aid for aquatic invasive species control purposes;
- sign documents;
- take necessary action to undertake, direct, and complete an approved aquatic invasive species control grant; and
- submit reimbursement claims along with necessary supporting documentation within six months of project completion date.

BE IT FURTHER RESOLVED THAT the St. Croix River Association through the River Alliance of Wisconsin will meet the obligations of the aquatic invasive species control project including timely publication of the results and meet the financial obligations of an aquatic invasive species grant, including the prompt payment of our 25% commitment to aquatic invasive species control project costs.

Adopted this 14th day of January 2014

By a vote of: 10 in favor 0 against 0 abstain

BY: Marcia Kraus
Chair



NOTE: Management Unit as defined in s. 281.68, Wisconsin Statutes, or defined in s. 281.70, Wisconsin Statutes, are counties, cities, towns, villages, town sanitary districts, public inland lake protection and rehabilitation districts, qualified lake associations, qualified river management organizations, nonprofit conservation organizations, or other local governmental units established for the purpose of lake management or river management.

The management unit's representative must be indicated by naming a position or a person who is either an official or employee of the management unit. By naming a position instead of a specific person, a new resolution does not have to be submitted to the DNR if there is turnover in the position. A contracted consultant to the sponsor cannot be the authorized representative. The resolution may not pass on grant responsibility to another group or organization.

Attachment B. Board Resolution St. Croix River Association

St. Croix River Association Resolution

RESOLUTION OF THE ST. CROIX RIVER ASSOCIATION

WHEREAS, the St. Croix River is an important resource used by the public for recreation and enjoyment of natural beauty; and

WHEREAS, public use and enjoyment of the St. Croix River is best served by protection of the St. Croix River from infestation of aquatic invasive species; and

WHEREAS, we recognize the need to provide information or education about aquatic invasive species; and

WHEREAS, we are qualified to carry out the activities of the aquatic invasive species control project.

NOW, THEREFORE, BE IT RESOLVED THAT the St. Croix River Association requests the funds and assistance available from the Wisconsin Department of Natural Resources under the Aquatic Invasive Species Control Grant Program and will complete all the requirements laid out in the River Alliance of Wisconsin resolution #2014-2, and intent of the proposal.

Adopted this day 14 of January, 2014

Passed unanimous

BY: Gary Noren

A handwritten signature in cursive script that reads "Gary Noren".

Chair of St. Croix River Association