

## ADMINISTRATION SERVICES AND SUPPORT

- Maintained BQRAP office – communications, technical, and administrative
- Budget management, agreements, contracts, proposals, reports
- Coordinated monitoring, technical, and science projects on the Bay of Quinte
- Continued work outlined in BQRAP De-listing Workplan - approved by Restoration Council
- Identification of projects and funding requirements to complete RAP objectives
- 3 Restoration Council meetings
- 2 Delisting Steering Committee conference calls
- Numerous conference calls and emails with Technical Working Groups
- 8 BQRAP administration meetings
- Water Quality Monitoring meeting
- Meeting with AOC Leads and identification of BQRAP Priority Actions
- Developed workplan based on BQRAP Priority Actions

## TECHNICAL PROJECTS AND MONITORING ON THE BAY OF QUINTE BY RAP PARTNERS AND BQRAP STAFF

- Project Quinte ecosystem monitoring at long-term offshore stations
- Water sample collection for algal communities and toxin analysis in tributaries and open water locations in bay
- Annual offshore fish population monitoring
- Monitoring of aquatic invertebrates, water quality, and submerged aquatic vegetation in fifteen coastal wetlands in the Bay of Quinte
- Monitoring of near-shore fish communities
- Monitoring water temperatures for Fish Habitat model

- Coordinating and tracking progress of Technical Working Groups in BUI criteria development/confirmation and status
- Septic Stewardship Program, Habitat Enhancement Program, Healthy Soils Program

## COMMUNICATIONS

- Participated in the Hastings County Plowing Match and Farm Show, Quinte Children's Water Festival, Quinte Farm Show, Walleye World, and Trenton Woodlot Conference
- Displays, presentations, and workshops to community stakeholders and the public e.g Mohawks of the Bay of Quinte, Bay of Quinte Tourism, Healthy Soils Workshop
- 12 monthly newsletters
- Promoted interactive History Journal on website
- Promoted invasive species awareness – water soldier
- Completed 5 BUI videos
- BQRAP advertising- Quinte Mall, Quinte Sports Centre (arena boards)
- Promotion of the Habitat Enhancement, Septic Stewardship, and Healthy Soils Programs
- Produced videos for Healthy Soils and Habitat Enhancement programs
- Print ads - EMC, Piction Gazette, Napanee Beaver, Intelligencer
- Interview in Watershed Magazine
- 8 press releases
- Radio interviews – County Naturally, Quinte Envirochat
- Continued updating of BQRAP website
- BQRAP on Facebook and Twitter - Digital awareness campaign
- Summer of Science on the Bay
- Attended Great Lakes Conference
- Photo Contest with a Twist 3
- Bay of Quinte Interpreted 3

## RESTORATION COUNCIL

- Lower Trent Conservation • Quinte Conservation • Environment and Climate Change Canada
- Ontario Ministry of the Environment and Climate Change • Ontario Ministry of Natural Resources and Forestry
- Fisheries and Oceans Canada • Ontario Ministry of Agriculture, Food and Rural Affairs
- Mohawks of the Bay of Quinte • CFB Trenton • City of Quinte West • Deseronto • Public representative

## STAFF

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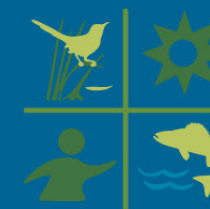
## ADMINISTRATION OFFICE

Bay of Quinte Remedial Action Plan  
c/o Lower Trent Conservation, 714 Murray St, RR 1, Trenton, ON K8V 5P4

WHEN YOU ARE IN DOUBT, BE STILL, AND WAIT; WHEN DOUBT NO LONGER EXISTS FOR YOU THEN GO FORWARD WITH COURAGE. SO LONG AS MISTS ENVELOP YOU, BE STILL; BE STILL UNTIL THE SUNLIGHT POURS THROUGH AND DISPELS THE MISTS -AS IT SURELY WILL. THEN ACT WITH COURAGE.

-PONCA CHIEF WHITE EAGLE

# 2016 ANNUAL REPORT



Bay of Quinte  
Remedial Action Plan

[www.bqrap.ca](http://www.bqrap.ca)

**1**  
Invasive species  
Water Soldier in  
Trent River moving  
downstream

**2**  
**Algal Blooms**  
In 2016, there were two  
algal sightings that met  
the algae density criteria  
to be called blooms.

**Marsh Monitoring  
Program**  
**60**  
Citizen scientists monitoring local  
wetlands for amphibians and  
wetland birds

**Habitat Enhancement  
Program**  
**31,600.**  
dollars allocated  
1 - Alternate watering project  
3 - Livestock fencings  
2 - Shoreline naturalizations  
6 - Waterway planting projects

**Coastal Wetland  
Monitoring**  
**15**  
Monitored for fish, aquatic  
invertebrates, water  
chemistry, and  
vegetation

**Be Septic Savvy**  
**40**  
Educational visits, septic  
system pump outs and  
inspections

**Healthy Soils Check-up  
Program**  
Free soil sampling  
provided for  
**3,845** acres  
**Cover Crops**  
**1,164**  
acres planted

**2**  
Environmental challenges sent  
to the Federal and Provincial  
governments for approval to  
change status to unimpaired  
• Fish Tumours and other deformities  
• Restrictions on dredging  
Formal approval received  
Status changed - Unimpaired

11 - BUIs - A Beneficial Use Impairment is a condition that interferes with the enjoyment of a water use.

**2016 STATUS SUMMARY - BENEFICIAL USE IMPAIRMENTS**

**BENEFICIAL USE STATUS: IMPAIRED - UNDERGOING REDESIGNATION**  
BUI 3 Degradation of fish and wildlife populations  
BUI 6 Degradation of benthos  
BUI 9 Restrictions on drinking water or taste and odour problems  
BUI 10 Beach closures  
BUI 11 Degradation of aesthetics  
BUI 14 Loss of fish and wildlife habitat

**BENEFICIAL USE STATUS: IMPAIRED**  
BUI 1 Restriction on fish and wildlife consumption  
BUI 8 Eutrophication or undesirable algae  
BUI 13 Degradation of phytoplankton and zooplankton populations

**BENEFICIAL USE STATUS: UNIMPAIRED**  
BUI 4 Fish tumours and other deformities - **Unimpaired**  
BUI 7 Restrictions on dredging activities - **Unimpaired**


**#4 - Fish Tumours and  
other Deformities**  
In 1993, identified as needing  
more scientific research.  
Detailed study completed -  
determined not a concern in the  
Bay of Quinte.  
**Status changed - Unimpaired**

**#7 - Restrictions on  
Dredging Activities**  
Today, there are federal and  
provincial guidelines in place to  
regulate all dredging activities.  
**Status changed - Unimpaired**

**A Summer of Science  
on the Bay**  
Every summer a lot of scientific  
research happens on the Bay of  
Quinte. Numerous BQRAP partner  
agencies are on the water  
monitoring and collecting data.  
See our web site for partners and  
projects in 2016. [www.bqrap.ca](http://www.bqrap.ca)

**Long-term Monitoring  
Program**  
Bi-weekly water samples  
collected and analyzed  
for general water chemistry  
including phosphorus, algal  
toxins, and algal species  
identification.

**Stormwater Projects**  
In 2016, there were 3 on-going  
projects to implement retrofit  
stormwater management facilities  
in urban areas (Herchimer Ave,  
Belleville, Picton and Deseronto).  
As well, opportunities to  
enhance stormwater treatment  
for phosphorus removal were  
investigated.

**Data Base**  
Pilot project to input data from  
BQRAP partners in a central  
data base. e.g. Project Quinte  
& Algae Watch. The data is  
now accessible to all BQRAP  
partners.  


**Photo Contest with  
a Twist 3**  
92 photos entered  
10 winning photos chosen.  
  
Justin Anderson

**Bay of Quinte  
Interpreted 3**  
19 artists interpreted the  
winning photos.  
  
Cynthia Solomon

**Environmental Challenge  
Videos**  
Our environmental challenge  
videos explain the history and  
current status of each challenge.  
