

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 enewsletters
- 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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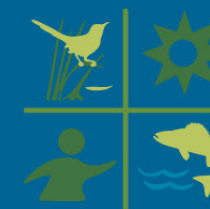
ADMINISTRATION OFFICE

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

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

**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.
