



News from Crystal Lake Conservancy

Spring 2016

The Crystal Lake Conservancy is dedicated to preserving and protecting Crystal Lake for the benefit of the public by promoting and supporting the enjoyment of the lake and the lake's unique natural beauty.

Come Join Us for An Afternoon of Fun on Crystal Lake!!

"PADDLES AND PETALS"

Sunday, June 5, 2016

(Rain Date: Sunday, June 12, 2016)

1:00pm-5:00pm

20 Rogers Street, Newton Highlands, MA

Support Crystal Lake Conservancy's efforts to keep Crystal Lake healthy

\$10 donation per canoe/kayak/paddleboard

Refreshments and Related Vendor Booths

Flower for Home Planting

Sponsors: Whole Foods and Star Market

Enjoy a lovely canoe, kayak or paddleboard ride on Crystal Lake!

The Crystal Lake Conservancy and the Newton Parks and Recreation Department invite you to join us for a Sunday afternoon of activities on Crystal Lake. Participants may sign up for half hour slots between 1-4:00pm to enjoy the pleasures of canoeing/kayaking/paddle boarding. A lifeguard will be on duty and all participants will be required to wear life jackets and sign a waiver. Children under 16 must be accompanied by an adult while on the water.

View our vision of a new Bathhouse

**Learn about the Conservancy's ongoing watershed activities
to protect Crystal Lake!!**

Visit our website at www.CrystalLakeConservancy.org or call Janice Bourque at 617-967-0797.

Volunteers are needed to help that day! Go to our website to volunteer or go directly to

VolunteerSpot: <http://vols.pt/phQ6GH>

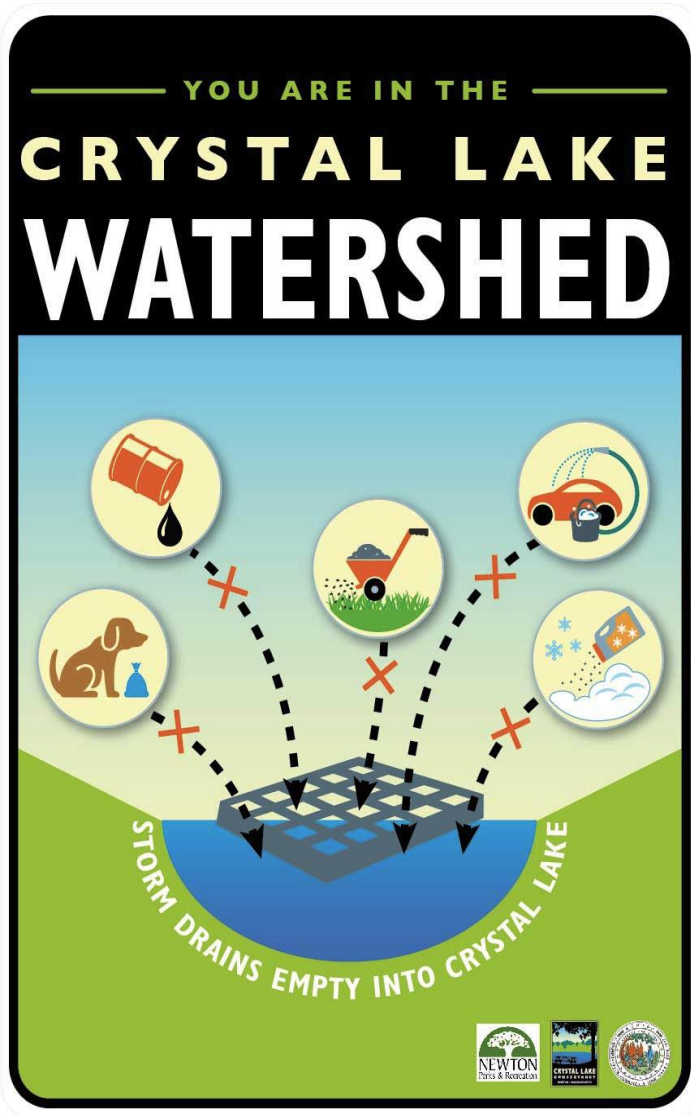
For more information visit our website at www.CrystalLakeConservancy.org



Reminders on Keeping Crystal Lake Healthy for the Summer

Your household is in the Crystal Lake Watershed area. What does that mean? All the runoff from homes in the watershed including lawn treatments, (chemical or manure), car washing detergents, and household chemicals are washed down the street into the City catch basins (storm drains). Contents in the catch basins then drain into Crystal Lake via seven different outfall areas. The sign below is a reminder to both residents and visitors what NOT to put in the storm drains. **IF YOU HAVE A SIGN ON YOUR STREET - YOU ARE IN THE CRYSTAL LAKE WATERSHED!**

WHAT YOU DO EVERY DAY ON OR AROUND YOUR PROPERTY WILL IMPACT CRYSTAL LAKE!



Storm Drains

No dog waste, no oil, no fertilizer, no car washing detergent and no road salt should find its way into the storm drains.

State Law- NO Phosphorus in Lawn Fertilizers!

The law prohibits the sale and use in Massachusetts of lawn fertilizers containing phosphorus, effective since January 2014. Phosphorus in fertilizers contributes to algae blooms in rivers, streams, lakes and ponds and has impacted Crystal Lake directly from storm runoff from surrounding watershed properties. Phosphorus is only permitted if a new lawn is being established. **Lawn care companies and property owners must ensure that no fertilizers containing phosphorus are being used.** Fines and penalties may be issued for those selling or using inappropriate fertilizers. "Organic" does NOT imply there is no phosphorus. **Please check the labels and products used by your landscapers as some may still have products containing phosphorus!**

Newton Highlands Village Day

Please visit our booth and take a chance with our rubber duck contest!

Sunday, June 12, 2015

Lincoln St, Newton Highlands

Village Center

12 noon - 4pm

Come learn more about the Conservancy's efforts. Pick up a copy of our newsletter, provide your email so we can keep you informed, and you can find out how to become involved, become a member or sign up to volunteer! Find that unique gift of note cards, a mug, poster, or T-shirt.

For more information visit our website at www.CrystalLakeConservancy.org



Crystal Lake Storm Water Projects

Watershed storm water and rainwater are the only sources of water for Crystal Lake. This creates a great deal of pressure on Crystal Lake as all the runoff from the surrounding watershed and all of its pollutants and nutrients flow directly into the lake year round. The City completed an analysis of the storm drains on Lake Ave, on the specific retrofitting to accommodate the filters along with an analysis for storm water management and drain reconstruction work on Lake Terrace, Cronin's Cove and Levingston Cove.

The Crystal Lake Conservancy walked Lake Ave with the City to review the locations for additional phosphorus filters in the catch basins and the key drainage areas at Lake Terrace, Cronin's Cove and Levingston Cove which handle the largest amount of storm water load from the watershed

Cronin's Cove

Maria Rose, the City's Environmental Engineer, and HighPoint Engineering established that the park part of Cronin's cove is too small to install bio-swales. They plan to reconstruct the catch basin to accept the bio-filters. Bio-swales will be installed at the corner of Trowbridge and Norwood and they will be working with the neighbors in that area.

Lake Terrace

The Engineering Division will prepare the plans and specifications for a storm water treatment system at the end of Lake Terrace. The City's Professional Land Surveyor has already completed the surveying work and there is an initial conceptual design. The Utilities Division plans to pay for the construction of the Lake Terrace project. The project will need to be added to the list of Storm water Capital Projects and approved.

Levingston Cove

The pitch of the streets near Levingston Cove (Lakewood and Berwick) causes increased velocity of the storm water street runoff as it runs to Lake Ave. The velocity forces the runoff hitting the curbs alongside Levingston Cove to "jump the curb" causing significant erosion and flow of nutrient rich soil into Crystal Lake.

CLC will be working with the City of Newton Parks and Recreation Department to develop a plan to address the run off and subsequent erosion at Levingston Cove. With the help of Larry Beals of Beals Associates it appears that an attractive and well-designed terracing of the area will allow the runoff that hits and jumps the curb to be controlled and allowed to drain into the soil with the support of native plants for a terraced rain garden / storm water management project.

The \$88,000 in State funds that the CLC helped obtain for the Newton Parks and Recreation Department under the MA Department of Conservation and Recreation (DCR) section of the budget may potentially be used for the remedial work at Levingston Cove.

For more information visit our website at www.CrystalLakeConservancy.org



PLEASE DELIVER TO:

Local Postal Customer

PRSR STD
ECRWSS
U.S. POSTAGE
PAID
EDDM RETAIL

Spring 2016

The Crystal Lake Conservancy is dedicated to preserving and protecting Crystal Lake for the benefit of the public by promoting and supporting the enjoyment of the lake and the lake's unique natural beauty.

Webmaster and Email Administrator Needed!

The CLC is in need of a volunteer who would like to participate in the stewardship of Crystal Lake by helping the organization effectively communicate to the public. Person would be supervised by the board Co-Presidents.

Individual will managed all website content and has full design control. Website responsibilities include:

- maintenance of the home page to ensure content is current and relevant;
- posting of content and notices for upcoming events;
- ensuring content is "web friendly"; archiving of older information;
- utilization of design and layout skills and hyperlinks as needed;
- maintenance of the domain registration.

Email administration includes:

- utilizing Vertical Response for membership and interested citizens;
- maintenance of email lists and managing email blasts and communication.

A minimal understanding of Hypertext Markup Language (HTML) is preferred since emails are displayed in browser format. If you are willing to contribute your skills, please contact Co-President Janice Bourque (617-967-0797).

SOIL TESTING –BEFORE YOU USE FERTILIZER

Before applying fertilizers, test your soil to find out what your lawn or garden really needs. Our water bodies are under siege from too much phosphorus. Low cost soil tests are available through the University of Massachusetts, Soil and Plant Nutrient Testing Laboratory. Website: <https://soiltest.umass.edu/ordering-information>.