



Cleanup Chronicle

19TH ANNUAL SOURCE TO SEA CLEANUP
SEPTEMBER 25 & 26, 2015



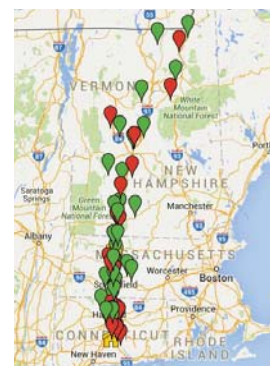
What is the Source to Sea Cleanup?

The Source to Sea Cleanup is a yearly trash cleanup of the Connecticut River and its tributaries in the four-state river basin (NH, VT, MA, CT). Volunteer group leaders coordinate local cleanup sites where participants of all ages and abilities spend a few hours picking up trash. We all have a responsibility to solve this trash problem—individuals, manufacturers, businesses, and government. By participating in the Source to Sea Cleanup, you are part of the solution for cleaner rivers. Want more information and details on getting involved?

Visit www.ctriver.org/cleanup.

You + 2,500 River Friends = True Impact

Did you know that when you join your local cleanup group to participate in the Source to Sea Cleanup, you are part of something much larger? You are joining about 2,500 other volunteers in more than 100 other cleanup groups across four states.



Source to Sea Cleanup volunteers join thousands of others across all four river states.

The map to the right shows all the registered cleanup groups this year. You really do cover the Connecticut River from its source near the Canadian border to where it enters the sea at Long Island Sound, as well as many smaller rivers and streams along the way.

Think about the pile of trash your local cleanup group gathered. Now multiply that by 100 and you start to get an idea of the impact you are making by joining the Source to Sea Cleanup. Over time, **Cleanup volunteers have removed 947 tons of trash** from in and around our rivers.

And your hard work is paying off! CRWC received multiple reports from group leaders this year that their regular cleanup locations were much cleaner than usual. Some sites were so clean that the group had to find a new area to work. This is great news!

Thank you for all that you do for our rivers!

TRASH TALLY 2015

Hardworking Source to Sea Cleanup groups haul so much trash from in and around our rivers and streams that it is impossible to account for everything. Actual numbers/weights are likely much higher than listed here.

Item	Quantity Reported
Scrap metal	17,615 lbs.
Construction materials	1,608 lbs. carpet, 23 paint cans, 5 bags nails, 3 buckets tile, truckload wood scrap, ladder
Styrofoam	240 lbs., 8 dock floats
Pharmaceuticals & personal care	133 diapers, 28 needles
Mattresses	18
Automotive	13 oil containers & 3 gallons motor oil, 5 bumpers, 3 car batteries, 2 car seats, 1 child safety seat, 40+ pieces of metal & plastic car parts
Electronics & appliances	41 batteries, 16 TVs, 5 grills, 3 phones, 2 washing machines, radio, computer & monitor, laptop, microwave, window fan, refrigerator door, plug in car vacuum
Furniture	23 chairs, 2 toilets, 2 sinks, corner shelf, drawer, ottoman, wooden cabinet, table legs, metal folding bed, bath tub
Toys	46 balls, 14 balloons, frisbee & stuffed animals





UPPER WATERS

New Hampshire & Vermont –

52+ miles of riverbanks, shoreline, islands and trails cleaned

Students Dive Into Cleaner Rivers

This year's most northern cleanup was a group of about 100 students and teachers

from Colebrook Academy in Colebrook, NH. Students worked in and along the banks of the Connecticut River to collect loads of scrap metal, tires and other trash. Three local fly-fishing guides donated use of their drift boats and New Hampshire Fish and Game brought a motor boat. Together the four boats acted as floating barges, loading trash as fast as students could collect it. On shore, two TransCanada employees unloaded the boats into a waiting dump truck for disposal.

This is an experienced group of cleaners. Ken Hastings, cleanup group leader and Colebrook Academy teacher, notes that on a prior cleanup, "we removed a snow machine, bicycle, rear axle with wheels, road signs, and more."



Top: A proud SeVWA crew with their trash haul and buried canoe in Dummerston, VT.

Left: Hypertherm employees celebrate their massive trash discoveries in Hartland, VT.



SeVWA Mascot: Grimy Garbage Gremlin

What's Your Cleanup Mascot?

The Southeastern VT Watershed Alliance (SeVWA) adopted the Grimy Garbage Gremlin as their mascot, found during their 2012 cleanup. This little creature kept watch over their crew as the group retrieved a buried canoe along the West River near the covered bridge in Dummerston, VT. Only about four feet of the nose was sticking out; the rest of the boat was buried in the sandy river bank. Hardworking volunteers dug out the boat piece by piece until they had removed the whole thing. Another success was seeing that the heavily used Indian Love Call swimming area on the West River had very little trash this year. Maybe the gremlin had something to do with that? Who knows, but a very happy finding! Congratulations to SeVWA on their seventh year of joining the Source to Sea Cleanup!

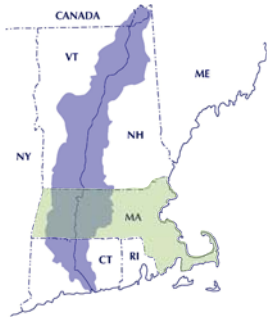
PARTICIPATING GROUPS

Ammonoosuc Trout Unlimited
Ashuelot River Local Advisory Committee
Black River Action Team
Boy Scout Troop 220
Brattleboro Union High School Preserve Our Planet
Cheshire County Conservation District
City of Keene
Colebrook Academy
Connecticut River Watershed Council staff, board, trustees, friends
Cub Scout Pack 447
Daisy Girl Scout Troop 13073
East Valley Academy
Greenwood School
Hypertherm*

Ibex Outdoor Clothing
Keene State College
Keene Young Professionals
Kendal at Hanover*
King Arthur Flour Company*
Lyme School
Marlboro College
Milone & MacBroom, Inc.*
Moosewood Ecological Services
Nature Lovers
New Hampshire Fish & Game
Plymouth State University
Putney Rowing Club
Redstart Forestry
Southeastern Vermont Watershed Alliance

St Johnsburry Academy
The Grammar School (Putney, VT)
TransCanada - NEH Upper Connecticut Hydro*
Trashy Trippers
Vermont Academy
Vermont Law School
Vermont Woods Studios Green Team
White River Partnership
Other fantastic family & individual volunteers

*Source to Sea sponsor cleanup groups



MID - WATERS

Massachusetts –
56+ miles of riverbanks, shoreline, islands and trails cleaned

That Dock is Going Down!

Cleaning up an illegal, abandoned and broken dock in Northampton, MA on the shore of the Connecticut River took both days of the Source to Sea Cleanup. On Friday, CRWC was joined by the Massachusetts Environmental Police and their boat to float the dock downstream to the docks at Elwell State Park. On Saturday, the Yankee Rowing Club and UMass Women’s and Men’s Rowing teams joined forces to tear apart the dock and collect loads of trash. This collaborative effort was topped off by the Northampton DPW hauling it all away in a 15-yard dumpster. Great teamwork!

This is the first year that Yankee Rowing Club and the Environmental Police have joined the Source to Sea Cleanup. The UMass Rowing teams, on the other hand, have participated for multiple years as part of the UMass Amherst’s Mass Impact Day of Service. Mass Impact is one-day event that connects UMass volunteers to local organizations for a day of service, fun and community.



UMass Women & Men rowing teams tear the dock apart.



MA Environmental Police helped remove a broken dock in Northampton, MA.

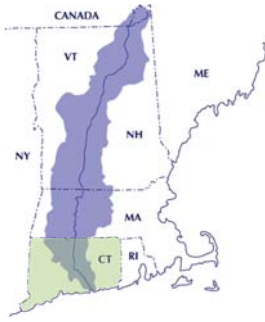


Boy Scouts join the Cleanup in Springfield, MA.

PARTICIPATING GROUPS

- | | | |
|---|---|---|
| <ul style="list-style-type: none"> 2nd Congregational Church Agawam High School Agawam Rotary Club BEST of Lake Wallace Biocitizen Corps Carando Foods Center Church, South Hadley Chicopee 4 Rivers Watershed Council Coca Cola Refreshments* Connecticut River Watershed Council staff, board, trustees, friends Covanta Energy* Cub Scout Pack 303 Davenport Construction Deerfield Academy Eaglebrook School Erving Explorers FirstLight Power Resources Four Rivers Charter School Franklin County Sheriff's Department | <ul style="list-style-type: none"> Franklin County Solid Waste Management District Franklin County Technical School - Landscape & Horticulture Shop Franklin County Youth Football Gill - Montague Super Group Green River Cleanup Green River School Greenfield Middle School Water Warriors Greenfield's Math and Science Academy Hampshire County Sheriff's Department Haydenville UCC Youth Group Holyoke Rows Jewish Community of Amherst Kestrel Land Trust LANE Construction Leinenkugel Brewing Company* MA Department of Conservation & Recreation MA Trial Court Community Service Program | <ul style="list-style-type: none"> Mohawks Northfield Mount Hermon School, Outdoor Team Palmer Conservation Commission PeoplesBank* Pioneer Valley Riverfront Club PVPC Land Use/Environment Staff Stoneleigh Burnham School UMass Women's and Men's Rowing Teams Unitarian Universalist Society of Amherst United Water – Holyoke* United Water – Springfield* US Fish and Wildlife Service Westfield River Watershed Association Westfield State University Yankee Rowing Club Other fantastic family & individual volunteers |
|---|---|---|

*Source to Sea sponsor cleanup groups



LOWER WATERS

Connecticut –

61+ miles of riverbanks, shoreline, islands and trails cleaned

Family Fun & Year-Round Stewardship

Rather than focus their cleanup efforts into one day or one weekend, Mitch Sadoski's family

cleanup group spreads their work over the whole trout fishing season. In fact, their cleanup efforts cover many trout fishing rivers and streams throughout Massachusetts and Connecticut. Thanks to their ability to handle both a rod and a trash bag, the sites they visit match their group name: 'Clean, Clean & Free Flowing.' Last year, they pulled the steel frame of a piano from the water. This year, they collected nearly 1,400 pounds of metal, over 500 pounds of glass, 15 pounds of copper wire and pipe, 12 pounds of PVC pipe, and much more.



CT River Academy students sort collected trash for recycling.

Making a Difference and Making Connections

"Our magnet school's standards include 'contributing to a just and sustainable world,'" notes Michele Saulis, Environmental Theme Coach and cleanup leader for the Connecticut River Academy in East Hartford, CT. "The Source to Sea Cleanup is an important opportunity for students to practice giving back to their community." Since 2012, Saulis has led groups of students to clean the Connecticut River, located right outside the school's doors. This year, participation has grown to almost 200 students who collect and sort trash in small groups throughout the school day.

Working along the river picking up trash, students connected their work with state and local policy. They reflected on state laws such as the bottle bill, which is one of the few in the nation to include water bottles, and proposed legislation on banning plastic grocery bags. These policies are meant to keep litter from ending up in our rivers.

This is a great example of including the Source to Sea Cleanup in a fun, family activity. Hiking, hunting, wildlife viewing, and boating are other activities that pair well with the Source to Sea Cleanup. Which will you choose?

Left: The Sadoski's with a 90 pound steel block they pulled from the river. They believe this was some sort of weight or counter-balance.



M. SADOSKI

PARTICIPATING GROUPS

Alfred Benesch & Co.
Beat Bike Blog
Boy Scout Troop 146
Boy Scout Troop 50
Boy Scout Troop 8
Boy Scout Troop 880
Boy Scout Troop 74
CDM Smith*
Chase Collegiate School
Cromwell High School ECO Club
City of Middletown
Clean, Clear and Free Flowing
CME Associates
Connecticut River Watershed Council staff, board, trustees, friends
Connecticut Valley Hospital
Connecticut River Academy
Cub Scout Pack 135
East Hartford Hockanum River Commission
Enfield Conservation Commission
Enfield Department of Public Works

Farmington River Watershed Association
Friends of the Windsor Locks Canal
Fuss & O'Neill*
GEI Consultants*
Gilead Community Services
Glastonbury TechnoTerminators FLL Team
Goodwin College
Great Meadows Conservation Trust
Green Travelers
Haddam Neck Spirit
Hockanum River Linear Park Committee
International League of Muslim Women - New England Chapter
Kids Service Team (KST)
Kleinfelder*
Leinenkugel Brewing Company*
The Metropolitan District Commission*
Meriden Motor Boat Club
Middlesex Community College
Middletown High School Rowing Club
Milone & MacBroom, Inc.*

NRG*
Park Watershed
Pratt and Whitney*
Pequabuck River Watershed Association
RICOH USA
Rocky Hill High School Lend a Paw
Scantic River Watershed Assoc.
Sigma Gamma Epsilon Earth Science Honor Society
Trinity College
UJL Holdings Corporation (UI, SCG, and CNG)*
Unitarian Society of New Haven
USA Hauling*
Wesleyan University
Wethersfield High School Environmental Club
Wethersfield High School freshman
Wethersfield High School National Honors Society
Windsor Locks Conservation Commission
Other fantastic family & individual volunteers

*Source to Sea sponsor cleanup groups

CRWC



Jim Dina's hand-made reed boat

Flotilla of Friends

Sometimes there's just no better way to grab that tire, hunk of metal or other piece of trash from the water than by boat. Boats are a critical piece of the Source to Sea Cleanup every year. Not only do they get volunteers out to the trash, they also help haul that trash to shore. Many thanks to all our boating friends and their assortment of vessels – canoes, kayaks, motor boats, pontoon boats, rowing barges, electrofishing and air boats, and even a handmade reed boat.

If you want to volunteer your boat next year, email cleanup@ctriver.org or call 860-704-0057.

CRWC



UMass rowing barge

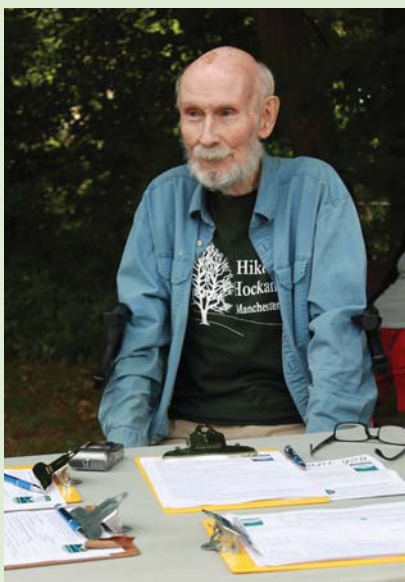


US Fish & Wildlife Service air boat

CRWC

45 YEARS OF CARING FOR OUR RIVERS

Forty-five years is a long time to do anything, particularly cleaning up after others. But Doug Smith and the Hockanum River Linear Park Committee have been happily cleaning up our rivers in Connecticut since 1970. Doug and his committee meet three times per week all year long to walk trails and pick up litter. Doug notes: "We have fun, enjoy it, clean for a while and then go get coffee together." Thank you Doug for all your hard work and many years of taking care of our rivers.



Doug Smith and the Hockanum River Linear Park Committee have been cleaning our rivers for 45 years.

CRWC

UNUSUAL ITEMS FOUND

- **Bowling ball** – Norwich, VT
- **Air gun** – Hartland, VT
- **Enameled Chamber Pot** – Deerfield, MA
- **Air rifle** – Northampton, MA
- **Wheelchair** – Westfield, MA
- **Pellet air gun** – East Hartford, CT

If you find anything that may have been part of a crime, like the air gun pictured here, leave it alone and call the police.



CRWC

CONGRATULATIONS to the winners of the 2015 Source to Sea Cleanup Photo Contest!

The Grand Prize photo was taken in Haddam Neck, CT and submitted by Brooks Nablo. To see all winners and submitted photos, visit www.ctriver.org/cleanup and click on the photo contest link.



LEAD SPONSORS



NRG is leading a customer-driven change in the U.S. energy industry by delivering cleaner and smarter energy choices, while building on the strength of the nation's largest and most diverse competitive power portfolio. A Fortune 200 company, "we create value through reliable and efficient conventional generation while driving innovation in solar and renewable power, electric vehicle ecosystems, carbon capture technology and customer-centric energy solutions. Our retail electricity providers serve almost 3 million residential and commercial customers throughout the country." More information is available at www.nrgenergy.com.



Pratt & Whitney, a United Technologies Corp. company, is a world leader in the design, manufacture and service of aircraft engines and auxiliary power units.



TransCanada owns or has interests in over 10,900 megawatts of power generation in Canada and the United States. Visit www.transcanada.com or www.blog.transcanada.com to learn more.

With more than 60 years' experience, TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure, including natural gas and liquids pipelines, power generation and gas storage facilities. A growing independent power producer,

WATERSHED SPONSORS



Brookfield Renewable Energy Partners operates one of the largest publicly-traded, pure-play renewable power platforms globally. Diversified across 74 river systems and 14 power markets in North America, Latin America and Europe, its portfolio is primarily hydroelectric and totals more than 7,000 megawatts of installed capacity.



The MDC is a nonprofit municipal corporation chartered by the Connecticut General Assembly in 1929. The MDC provides water, sewer and household hazardous waste collection services to its member municipalities. The mission of the MDC is to provide our customers with safe, pure drinking water, environmentally protective wastewater collection and treatment and other services that benefit the member towns.



CDM Smith provides lasting and integrated solutions in water, environment, transportation, energy and facilities to public and private clients worldwide. As a full-service engineering and construction firm, we deliver exceptional client services, quality results and enduring value across the entire project lifecycle. For more information visit www.cdmsmith.com



All American Waste and USA Hauling & Recycling are locally-owned and operated companies specializing in dumpster rentals for use in commercial or residential projects, garbage collection and demolition services in the Connecticut and Springfield, MA area. As green companies since 1974, we recognize and embrace our role in the community.



MAINSTEM SPONSORS



RIVER SPONSORS



STREAM SPONSORS

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 Concept2
 Connecticut Water
 GEI Consultants, Inc.
 Greenfield Savings Bank
 Kendal at Hanover
 Lake Sunapee Bank

Ledyard National Bank
 Milone & MacBroom, Inc.
 New England Environmental, Inc.
 North Country Enterprises LLC
 Pike Industries
 West River Marina
 VSECU

2016 SPONSORSHIP OPPORTUNITIES AVAILABLE

Sponsoring the Source to Sea Cleanup is a great way for your business to help our environment. Contact Dana Gillette at dgillette@ctriver.org or 413-772-2020 ext.202.

IN-KIND SUPPORTERS

Adventure Park at Storrs
 Aerial Adventure Park At Jiminy Peak
 All American Waste, USA Hauling & Recycling
 Alternative Recycling
 American Rivers
 Aubuchon Hardware
 Big Y – Greenfield, MA
 Billings Farm and Museum
 Brian Fitzgerald
 Cabela's
 Chief Crushing & Excavation
 City of Easthampton, MA
 City of Hartford, CT
 City of Holyoke, MA DPW
 City of Greenfield, MA DPW
 City of Middletown, CT
 City of Northampton, MA DPW
 City of Palmer, MA
 City of Westfield, MA
 Clean and Green Junk Removal
 Coldwater Fisheries Biologists

Confluence Outdoors
 Connecticut Science Center
 Dan & Whit's General Store
 Denis Walter
 Dartmouth College Facilities and Maintenance
 Friendly's Ice Cream Corporation
 Great River Outfitters
 Greenfield, MA Fire Dept.
 HB Energy Solutions
 Jim Norton
 John Howe
 LANE Construction
 Ledyard Canoe Club
 MA Environmental Police
 Mount Washington Resort
 North Country Lodge and Cabins
 North Star Canoe Livery
 Ocean Conservancy International Coastal Cleanup
 Outdoor Ventures
 Redstart Consulting
 Shop-Rite – Manchester, CT

Shop-Rite – East Hartford, CT
 Shop-Rite of Enfield, CT
 Silvio O. Conte National Fish & Wildlife Refuge
 South Hadley's Tower Theaters
 Sportsman's Marina
 Stop & Shop – Springfield, MA
 Town of Deerfield, MA
 Town of East Hartford, CT
 Town of Enfield, CT
 Town of Glastonbury, CT
 Town of Groton, VT
 Town of Hartford, VT Parks & Recreation
 Town of Hartland, VT
 Town of Springfield, VT
 Town of Windsor Locks, CT
 US Fish & Wildlife Service, Connecticut River Coordinator
 US Geological Survey S.O. Conte Anadromous Fish Research Center
 Windham Solid Waste Management District
 Zoar Outdoor



Individuals like you have helped to transform the Connecticut River from "the best landscaped sewer in the nation" into a nationally-recognized treasure. Since our founding in 1952, CRWC members have come together to form a powerful force for positive environmental change in New England.

Please join us today.

Yes! I want to help protect and preserve the Connecticut River and its watershed.

- Enclosed is my gift of \$ _____
 I'd like to become a sustaining member with a monthly gift of \$ _____

Payment method: Check Visa Mastercard

Card # _____ exp. ____/____

Signature _____

Name(s) _____

Address _____

City, State, Zip _____

Email _____ Phone _____

Checks: payable to CRWC.

Donate online: www.ctriver.org

- Send me more information about making a bequest, gift annuity, or other legacy gift and joining the Long River Society.

New Member Special

Join today with a new gift of \$35 or more and receive the 2016 Connecticut River Calendar.



Working for Cleaner Rivers All Year Long

One day we hope to cancel the Cleanup because there's no more trash or debris in our rivers. To help get there, CRWC works all year round to solve trash pollution before it reaches our rivers.

Current efforts are focused on getting rid of trash tires. Every year you help pull hundreds and hundreds of tires from our rivers. This year there were even more because CRWC partnered with LANE Construction and volunteers from the Green River Cleanup in Greenfield, MA to remove almost 1,000 tires from a tire dump along the Deerfield River in Massachusetts. And that's only part of what remains, so work will continue there. In addition to these tires, Source to Sea Cleanup volunteers reported collecting at least 437 tires across the four states.

CRWC is working with river states to eliminate the reason many tires and other items are thrown into our rivers—the cost of disposal. Programs called extended producer responsibility (EPR) systems will make producers responsible for free and easy disposal by consumers of items like tires, paint cans and appliances. In Vermont, CRWC helped create and pass legislation forming the Scrap Tire Management Stakeholder Group, tasked with recommending solutions for “legacy” scrap tire piles and reducing persistent improper scrap tire disposal.

Unfortunately, proposed legislation in Connecticut did not pass. CRWC will continue working on this and other pollution solution issues throughout the watershed.

CRWC also supports:

- phasing out and finding replacements for Styrofoam products—especially Styrofoam dock supports, in favor of enclosed foam or non-foam dock materials,
- reducing the use of and increasing the recycling of plastic bottles and plastic bags,
- and increasing the ease, access, and scope of recycling programs.

“We all have a responsibility to solve this problem—individuals, manufacturers, businesses, and government,” says Andrew Fisk, CRWC Executive Director. “Healthy rivers are so important because they contribute so much, both to our economies and the beauty and enjoyment of our communities.”



This year 1,437 tires were pulled from our rivers during the Cleanup.



CRWC works to protect the watershed from source to sea. As stewards of this heritage,

we celebrate our four-state treasure and collaborate, educate, organize, restore and intervene to preserve the health of the whole for generations to come. Our work informs our vision of ecological and economic abundance.

CRWC is a membership organization and relies on your support to protect our rivers. Visit our website, www.ctriver.org, to become a member and sign up for our e-news.

15 Bank Row (Headquarters)
Greenfield, MA 01301
413-772-2020

Lower Valley 860-704-0057
Upper Valley 802-869-2792
North Country 802-457-6114

Employee Cleanup Groups on the Rise

Many companies encourage their employees to participate in community service and many of them are choosing to join the Source to Sea Cleanup. It's good for the businesses, it's good for the communities, plus it's fun! For more information on how to get your company's employee group involved, contact us at cleanup@ctriver.org or 860-704-0057. We make it easy to help make a difference!

34 Employee Groups

“Coca-Cola Refreshments always looks forward to the annual Source to Sea event, which helps keep our beautiful waterways clean for everyone. CRWC does fantastic stewardship work with this volunteer clean-up program!”

Ron VandenDolder,
Environmental Manager,
Coca-Cola Refreshments

including

12 New Employee Groups

“One way we can help our community is to support the CRWC's efforts to maintain the trails and riparian corridors we enjoy every day. Being able to take part in the Town of Manchester's efforts right in our backyard is an exciting way to accomplish this!”

Phil Forzley, Vice President,
Fuss & O'Neill