

2007 Annual Report Wood-Pawcatuck Watershed Association



Recreation



Research



Education



Stewardship

To promote and protect the integrity of the lands and waters of the Wood-Pawcatuck Watershed

Wood-Pawcatuck Watershed Association 2007 Annual Report

(Published May 2008)

Congratulations to

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2008 recipients of

The Salomon Award

Presented in recognition of exemplary efforts to preserve, protect and conserve the natural resources of the Wood-Pawcatuck Watershed, in furtherance of the goals of the Mitch and Betty Salomon Endowment

and to

Lori Urso WPWA Executive Director Emeritus

Recipient of the 2008

Trustees Award

in recognition of the many contributions she has made in influencing the creation, shape, and effectiveness of the Wood Pawcatuck Watershed Association

> Presented at WPWA Annual Meeting May 21, 2008

Cover photos:

Charlie Hickox leading a hike in Champlin Glacial Park
Fish sampling on Parris Brook
Curtis Corner Middle School students on a field trip at Browning Mill Pond
Sign for the John "Jay" Cronan River Access crafted by Lori Urso

Wood-Pawcatuck Watershed Association 203 Arcadia Road Hope Valley, RI 02832 www.wpwa.org

Wood-Pawcatuck Watershed Association 2007 Annual Report

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Garden maintenance

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Town of West Greenwich \$400

Richmond & Hopkinton have also exempted property taxes on WPWA public access areas.

\$427,000 (granted in 2008)

USDA Natl. Resource

Conservation Service (WHIP)

Shannock Fishway Restoration

\$97,000

US Fish and Wildlife Service Shannock Fishway Restoration

Bradford Fishway Rehabilitation

\$60,000

RI Dept. of Transportation (TEA-

Switch Road Landing River Access

\$35,000

RICRMC Coastal Estuarine

and Habitat Trust Shannock Fishway Restoration \$24,000

USDA Natl. Resource

Conservation Service (WHIP) Switch Road Landing River Access

\$5000

RI State Senate

Water Quality Monitoring

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№ PROGRAM ACCOMPLISHMENTS **№**

SCIENTIFIC RESEARCH AND DATA COLLECTION

Fish Passage and River Continuity

The report on the Shannock Fish Passage Feasibility Study, completed by the engineering firm Milone and MacBroom, was published in August. Findings were presented at a final public workshop and posted on the WPWA website. The purpose of the study is to assess anadromous fish passage and riverine habitat restoration at the upper three dams on the Pawcatuck River. This comprehensive study looks at the condition of the dams and sites and the associated hydraulics, the cultural and historic aspects, local fish populations and target species, and alternatives for fish passage. The report is the study basis for funding proposals to implement the fish passage alternatives in coming years.

Milone and MacBroom handled the alternatives assessment, including the hydraulic modeling of river conditions before and after possible alteration scenarios. The Cultural and Historic Assessment was conducted by Public Archaeology Laboratory, Inc.

US Fish and Wildlife Service and NOAA collaborated on sediment sampling and analysis. URI Geology Lab provided sediment analysis. WPWA deployed YSI data loggers at each site, to archive preimplementation conditions, and conducted a one-time water column test at the Kenyon Dam.

Partners in the project include the Towns of Richmond and Charlestown, National Oceanic and Atmospheric Administration, RI Coastal Resources Management Council, US Fish and Wildlife Service, American Rivers, Narragansett Bay Estuary Project, and RI Dept. of Environmental Management. Funding for the study, with a total cost of \$130,000.00, has been provided by RI Coastal Habitat Estuary Trust, NOAA-American Rivers Partnership, WPWA and US Fish and Wildlife Service.

The Pawcatuck Watershed Stream Continuity Project has largely been completed, thanks to the efforts of Lawson Cary and other volunteers from Trout Unlimited. WPWA partnered with RI RC&D, USDA-NRCS, and Trout Unlimited, to map and assess obstructions at road crossings of small streams throughout the region. Over 400 crossings were mapped and have been prioritized for remediation to allow for better passage by fish. Two possible remediation projects are under review at this time.

Stream Study and Data Loggers

Stream temperature studies were conducted by WPWA in Rhode Island on the Tomaquag Brook in Hopkinton, the Mastuxet Brook in Westerly, and the Glen Rock Brook in Richmond, Exeter, and South Kingstown during the summer of 2007. These projects were undertaken as part of a continuing investigation into brook trout habitat in the Pawcatuck Watershed. Data from iButtons provided maximum daily stream temperature information for a total of eight sites. While ambient temperatures for July and August were just below the average of the previous 35 years, precipitation was well below average from June through September which had an impact on the stream conditions. Four sites had no water flow in early October when the iButtons were retrieved. However, there is no indication from the data that low precipitation increased stream temperatures. Only two sites had significant number of days with high temperature

readings, both of which are below impoundments and both had very high stream temperatures recorded in 2006. A report on this study will be published shortly.

Based on information obtained from the stream temperature study and visual stream assessments, it was decided that Mastuxet Brook has only limited practicability as brook trout habitat. While there is a small viable population presently in the stream, there are major obstacles, both natural and manmade, that prevent the brook trout from accessing much of the stream.

WPWA re-deployed two YSI data loggers above and below the dam at Kenyon Industries to followup on studies done the previous year. Temperature, dissolved oxygen, and pH were recorded every 15 minutes for three weeks in August. In 2006 data recorded during this same time period showed very low dissolved oxygen levels both above and below the dam. The data from this summer shows dissolved oxygen levels that fall within a more average summer range. More follow up may be done next summer.

Biological Control of Purple Loosestrife (Lythrum salicaria L.)

WPWA completed its third year of an ongoing effort to employ biological methods to safely control the spread of invasive Purple Loosestrife, a Eurasian ornamental plant, into our natural waterways. This method involves the use of *Galerucella sp.* beetles as a biological control for the invasive plant Purple Loosestrife, *Lythrum salicaria L*. Studies have been conducted on the beetles' effectiveness at controlling the target species, as well as their impact to non-targeted plants since 1992.

This year WPWA released an additional 6000 beetles into the study area that was initiated in 2005. The study site was revisited in the fall to document leaf damage, re-count stems of *L. salicaria*, and look for the presence of newly emerged beetles, beetle larva, and eggs. Visual inspection and data from the fall documentation indicate that there was very little damage done to any of the L. salicaria plants in the study site. One thought is that the wet spring prevented adult emergence, thereby reducing the number of eggs laid and larval damage in the summer. It is hoped that beetles released in the summer will provide a new generation in the spring of 2008 that will continue to control the L. salicaria growth. Further evaluation of this site will continue.

Information gathered from volunteers of the 2006 L. salicaria survey of the Wood and Pawcatuck Rivers was used to prioritize future biological control sites. Areas along the Pawcatuck in Shannock Village have been targeted as the next release sites for Galerucella beetles. This is a project that will be combined with fish passage restoration projects at these same sites in the next few years.

Through this effort we plan to make a measurable impact on the control of invasive species in our rivers and wetlands without the use of herbicides in our surface waters, and draw attention to the use of biological controls to eradicate invasive plants from our wetlands. WPWA intends for other watershed councils to use our protocols as a model for similar projects on their affected rivers.

Surface Water Quality in Ponds, Lakes, Rivers and Streams

WPWA completed twenty years of ambient water quality monitoring under the URI Cooperative Extension Watershed Watch program. The 2007 monitoring season had forty-two volunteers who monitored fourteen ponds and twenty-three river sites in the watershed. For lakes and ponds data on water clarity, dissolved oxygen, temperature, and chlorophyll levels were collected weekly; bacteria and nutrient levels were collected monthly. Rivers and streams were monitored monthly for dissolved oxygen, nutrients, and bacteria. This information, provided to local, state and federal agencies, is used by RIDEM to help write the annual State of the State's Waters report and the Federal List of Impaired Waters, which is required under the Clean Water Act.

Watershed Watch started its first monitoring season in 1988 with twenty-eight volunteers recruited by WPWA to monitor thirteen ponds. Since that first year, over 200 volunteers have collected data on eighteen ponds and thirty-five stream and river sites around the watershed. All of the original ponds are still being monitored, two by the same volunteers. This has provided WPWA with invaluable data

regarding the general water quality in the Wood-Pawcatuck Watershed. Our goal for the coming year is to develop a data management system using GIS in order to better analyze water quality trends at individual sites and produce clear, functional reports to all watershed stakeholders.

The locations and various types of water quality and habitat monitoring conducted by WPWA are itemized in the following spreadsheet:

2005-07 WPWA Monitoring and Study Sites in CT and RI by Town

CONNECTICUT:	2005	2006	2007		
North Stonington Asseconk Brook Green Falls Brook Shunnock River	WQ Sampling 2 sites WQ Sampling 3 sites WQ Sampling 2 sites	WQ Sampling 2 sites WQ Sampling 3 sites WQ Sampling 4 sites Macroinvertebrate 2 sit Fish Assemblage 2 sites			
Stonington Lewis Pond Outlet	WQ Sampling 1 site	U	1 8		
RHODE ISLAND					
Charlestown Pasquiset Pond Pawcatuck River	Lake Sampling WQ Sampling 5 sites	Lake Sampling WQ Sampling 3 sites Data Logger 3 sites	WQ Sampling 4 sites Data Logger 1 site		
Watchaug Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Exeter Boone Lake Breakheart Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Browning Mill Pond Eisenhower Lake Yawgoo Pond Falls River Fisherville Brook	Lake Sampling Lake Sampling WQ Sampling 4 sites WQ Sampling 1 site	Lake Sampling Lake Sampling WQ Sampling 4 sites	Lake Sampling Lake Sampling WQ Sampling 4 sites		
Glen Rock Brook Locke Brook Queen River	WQ Sampling 1 site WQ Sampling 4 sites Temp Study 5 sites Macro Study 5 sites	WQ Sampling 1 site WQ Sampling 4 sites Temp Study 20 sites	Temp Study 3 sites WQ Sampling 1 site WQ Sampling 4 sites Temp Study 1 site Macro Study 1 site		
Sherman Brook	Fish Assemblage 3 sites WQ Sampling 1 site	WQ Sampling 1 site	WQ Sampling 1 site		
Hopkinton Alton Pond Locustville Pond Wincheck Pond	Lake Sampling Lake Sampling Lake Sampling	Lake Sampling Lake Sampling Lake Sampling	Lake Sampling Lake Sampling Lake Sampling		
Wyoming Pond Ashaway River Brushy Brook Moscow Brook	Lake Sampling WQ Sampling 2 sites WQ Sampling 2 sites WQ Sampling 1 site	Lake Sampling WQ Sampling 1 site	WQ Sampling 2 sites		
Parameter Brook Pawcatuck River Tomaquag Brook	WQ Sampling 3 sites WQ Sampling 2 sites	WQ Sampling 3 sites WQ Sampling 1 site	WQ Sampling 2 sites WQ Sampling 3 sites WQ Sampling 2 sites		
Wood River		Data Logger 2 sites	Temp Study 5 sites Macro Study 3 sites		

<i>Richmond</i> Alton Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Browning Mill Pond	Lake Sampling	Lake Sampling Lake Sampling	Lake Jampinig		
Meadowbrook Pond	Lake Sampling	Lake Sampling	Lake Sampling		
White Brook Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Wyoming Pond	Lake Sampling	Lake Sampling			
Beaver River	Macro Study 1 site		Macro Study 3 sites		
	Temp Study 5 sites				
Canob Brook	Fish Study 2 sites	Data I aggar			
Carlob Brook		Data Logger Boron Sampling			
Meadow Brook	Macro Study 3 sites	boron sampling	Macro Study 1 site		
Pawcatuck River	WQ Sampling 2 sites	WQ Sampling 2 sites	WQ Sampling 2 sites		
	r 6	Data Logger 3 sites	Data Logger 1 site		
Taney Brook	WQ Sampling 1 site		00		
White Brook		WQ Monitoring 1 Site	WQ Monitoring 1 Site		
		Data Logger 2 sites			
Wood River	Macro Study 3 sites	Data Logger 3 sites	Macro Study 3 sites		
South Kingstown					
Barber Pond	Lake Sampling				
Hundred Acre Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Usquepaug Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Worden Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Yawgoo Pond	Lake Sampling	Lake Sampling	Lake Sampling		
Chipuxet River Glen Rock Brook	WQ Sampling 1 site	WQ Sampling 1 site	WQ Sampling 1 site		
GIEN KOCK Drook	WQ Sampling 1 site	WQ Sampling 1 site Temp Study 1 site	WQ Sampling 1 site Temp Study 4 sites		
Pawcatuck River	WQ Sampling 1 site	WQ Sampling 2 site	WQ Sampling 2 sites		
Queen River	WQ Sampling 1 site	WQ Sampling 1 site	WQ Sampling 1 site		
		Temp Study 2 sites	Macro Study 1 sites		
Sherman Brook	WQ Sampling 1 site	WQ Sampling 1 site	WQ Sampling 1 site		
TA7 . 1		Temp Study 1 site			
Westerly	I also Campalin a				
Chapman Pond Mastuxet Brook	Lake Sampling	Tomn Ctudy A sites	Toma Childry 1 sites		
masiuxei diook		Temp Study 4 sites Fish Assemblage 2 sites	Temp Study 4 sites		
Pawcatuck River	WQ Sampling 4 sites	WQ Sampling 4 sites	WQ Sampling 4 sites		

Research Publications

- Poyer, D., and M. Hetu. *Maximum Daily Stream Temperature in the Queen River Watershed and Mastuxet Brook Summer* 2006. Wood-Pawcatuck Watershed Association, Hope Valley, RI. December 11, 2006
- Poyer, D., and M. Hetu. *Maximum Daily Stream Temperatures in the Queen River Watershed and Mastuxet Brook, Summer 2006.* Wood-Pawcatuck Watershed Association, Hope Valley, RI. December 11, 2006
- Poyer, D., and M. Hetu. *Investigation of Biological Control of Lythum Salicaria (Purple Loosestrife) on the Pawcatuck River*. Wood-Pawcatuck Watershed Association, Hope Valley, RI. Feb. 9, 2007.

Other Publications on WPWA Website

Malone and MacBroom, Inc. Shannock Fish Passage Feasibility Study, Pawcatuck River, Richmond and Charlestown Rhode Island. MMI #2989-01. Cheshire, CT. August 10, 2007. 284 pages.

Park, Eugene. Charbert Project Follow-up Report #2. Feb. 1, 2007

RECREATIONAL PROGRAMS

Hundreds of recreationists participated in paddle, hike, and fishing programs sponsored by WPWA in 2007. Participant ages ranged from children as young as three learning to fish during the Family Fun Fishing program to energetic elders enjoying a paddle or hike. The 2007 Calendar of Events follows this section.

Late fall and winter hikes led by Program Assistant Danielle Aube continued to grow in popularity, with participation remaining well into the double-digits for each event. Among the many popular paddling events the annual Source to Sea paddles in June continued to be the most attended event of the season. WPWA also started a new program, the Floating Lunch Club, in August. Using WPWA kayaks, paddlers had a chance to take a leisurely trip up the Wood River and enjoy their brown bag lunch while listening to birds and watching dragonflies dart over aquatic vegetation.

Summer camp exploration programs offered kayak instruction, aquatic exploration, and navigational guidance on the Wood River. Almost 200 campers from Roger Williams Park Zoo, Denison Pequot Nature Center, and Audubon Society of RI participated over the course of ten weeks. In addition, WPWA provided kayaks and instruction for the Tomaquag Museum Summer Camp program, the RYSE School, and the Lighthouse for Youth.

Fishing education programs in 2007 included two Family Fun Fishing programs at the Carolina Hatchery, held in conjunction with the Aquatic Resource Education Center at RIDEM. United Fly Tyers and Trout Unlimited collaborated with WPWA for another successful year of fly fishing and fly tying workshops held at our campus.

Wood-Pawcatuck Watershed Association **2007 CALENDAR OF EVENTS**

February 17th Saturday 10am to noon – <u>Learn the Art of Fly Tying</u> Taught by volunteers from Wood River Fly Tying Assn. and Trout Unlimited. Held at the WPWA campus.

March 10th Saturday 10am to noon – <u>Hiking in Westerly</u> WPWA hiking guide, author, and noted geologist Charlie Hickox lead an informative hike through the Dr. John Champlin Glacial Park.

March 31st Saturday 11 to 2pm - Restoring Sea Run Brook Trout

Noted fisheries biologist, Dr. Saul Saila and others discussed the future of sea run trout restoration in the Pawcatuck Watershed. Held at the Clark Memorial Library in Richmond, RI.

April 14th Saturday 6am to noon - <u>Litter Awareness for Opening Day</u>

At specified fishing access points in our watershed. WPWA is always looking for volunteers to help with this event!

April 28th Saturday 9am to noon - Earth Day Clean-Up

Volunteers picked up trash at 25 river access sites in the Watershed. Trash bags, gloves and bottled water were provided.

May 12th Saturday 10am to noon – <u>Hiking in Watch Hill</u> WPWA hiking guide, author, and noted geologist Charlie Hickox lead a hike at Napatree Point where participants viewed the remains of Fort Mansfield which was erected during the Spanish American War.

June 2nd Saturday 9am to 3pm – <u>Source to Sea Paddle #1</u>, Chipuxet River paddle. WPWA lead paddlers beginning from Taylor's landing in South Kingstown, RI, across Worden Pond and ended at the Biscuit City landing in Charlestown, RI.

June 9th Saturday 9am to 3pm – Source to Sea Paddle #2, In celebration of National Rivers Day, WPWA lead participants further along the Pawcatuck River from the Biscuit City landing to the John M. "Jay" Cronan River Access in Richmond, RI.

June 16th Saturday 9am to 3pm – <u>Source to Sea Paddle #3</u>, The third section of the Pawcatuck River starting from the Jay Cronan Access. After eleven miles of paddling ended across from BDA in Bradford.

June 23rd Saturday 9am to 3pm – <u>Source to Sea Paddle #4</u>, Seven and a half miles of paddling on the Pawcatuck River from the Bradford Access to the Potter Hill Dam in Ashaway, RI.

June 30th Saturday 9am to 3pm – <u>Source to Sea Paddle #5</u>, The last nine miles of the Pawcatuck River began at Potter Hill Dam, through White Rock, and across the Pawcatuck Estuary ending in Avondale, RI.

July 7th Friday 10am to 1pm – <u>Family Fun Fishing Day</u> at the Aquatic Resource Education Center located at the Carolina Trout Hatchery. Poles and tackle were provided for all children.

July 14th Friday 10am to 1pm - Family Fun Fishing Day (see July 7)

July 19th Thursday 4pm to 6pm - <u>Learn to Flyfish</u> on the Wood River at Barberville Dam, Hope Valley, RI. Anglers from TU taught the peaceful art of flyfishing. Included use of fly rod and reel.

July 26th Thursday 4 to 6pm - Learn to Flyfish (see July 19)

July 7th, 14th, 21st, 28th Tuesdays noon to 1:30 - Floating Lunch Club

Participants joined WPWA on the Wood River for a short paddle to Fry Pan Pond where we stopped to relax on the river and have lunch.

August 24th Friday 8pm - Bioluminescence Paddle

Participants enjoyed seeing the glow of the comb jellies while paddling on Narrow River in Saunderstown.

September 5th Wednesday 5pm to 7:30 pm - September Splendor

Leisurely paddle upstream from WPWA campus to enjoy the colorful wetland blooms.

September 12th Wednesday 5pm to 7:30 pm – <u>September Splendor</u> (see September 5)

October 6th Saturday 8am to 2pm - WPWA Benefit Yard Sale

November 10th Saturday 10am to noon - Hiking in Pawcatuck

A peaceful three mile hike on the shores of Little Narragansett Bay at Barn Island.

December 29th Saturday 10am to noon - Hiking in the Arcadia Mgmt Area

Gentle hike along the Tefft Hill trail in Exeter. This four mile hike was perfect for the whole family.

PUBLIC RIVER ACCESS

Two notable events happened concerning public river access on the Wood and Pawcatuck Rivers. In early 2007, after legal transactions that included a conservation easement to the town of Richmond and a public access easement to the RIDEM, WPWA took possession of a three acre parcel of land bordering the Pawcatuck River which had been generously donated by Roy and Kim Dubs. The property includes a 1-acre portion formerly known as the Richmond Fishing Access. In the spring, WPWA held a dedication ceremony to rename the site the John "Jay" Cronan River Access after Jay Cronan, a former Division Chief of RIDEM Fish and Wildlife and a long term board member and volunteer for WPWA. In attendance was the entire Cronan family, RIDEM Director W. Michael Sullivan, and many of Jay's former co-workers and friends.

Remediation work at the Switch Road Access was finally completed in the late fall. Funding for this project had been originally approved under the TEA-21 program in 2002. Improvements include the removal of broken tar and road remnants; grading the site for handicap accessibility; installation of walkway

and parking area; and planting vegetation to prevent erosion and enhance the esthetics of the access. A dedication for this site will take place sometime in late summer of 2008.

WPWA's Hope Valley campus on Arcadia Road is a popular river access to the upper Wood River that is used by public and WPWA members all year round. There, recreationists are welcome to utilize our facilities during office or program hours. In the summer, RIDEM provides portable restroom facilities on the property for the convenience of weekend visitors.

WPWA continues to work with the RI Blueways Alliance to provide information on the water trails of the Wood and Pawcatuck Rivers.

River trail maintenance on several segments of the Wood and Pawcatuck River took place in the spring, summer, and early fall. This is a courtesy service that WPWA provides to clear downed trees in the rivers. We now have several hardy volunteers who donate their time, expertise, and chainsaws to help keep the rivers navigable.

WPWA has laid the groundwork for an easement agreement between Bradford Dyeing Association, RI DEM, and WPWA to provide temporary access for the Bradford Fishway Rehabilitation Project, the permanent maintenance of the fish ladder by RIDEM, and permanent public portage around the Bradford Dam. We plan to finalize these agreements in 2008.

EDUCATION

During the Spring Semester, a course on Watershed Science for Educators was taught by WPWA Program Director Denise Poyer at the URI Bay Campus. This three-credit graduate level course is based on the Active Watershed Education (AWEsome!) Curriculum developed by the Southern RI Conservation District. Denise was contracted by the Narrow River Preservation Association to update the curriculum, register teachers, and conduct the course. Twenty-two educators, with approximately 1400 students, from elementary, middle, and high schools in South Kingstown, North Kingstown, Exeter and Central Falls participated in the course. Watershed Science for Educators uses many different learning techniques to help teachers and their students develop an understanding of watersheds in general and the unique features of their own watershed in particular.

Coventry High School, Quest Montessori, and Nuweetooun School in Exeter, Eldridge School in East Greenwich, Metcalf School in Exeter/West Greenwich, Chariho Middle School in Charlestown, Richmond, and Hopkinton, and Compass School in South Kingstown learned about watersheds, groundwater, stream ecology, and native fish through classroom presentations and field trips offered by WPWA. In total, 370 students took advantage these educational programs.

As educational mentor, Denise assisted in statewide projects, such as training and judging the aquatics section for the RI Envirothon, and helping to produce the annual Rhode Island Environmental Education Association Conference. Participants of the AmeriCorps Environmental Education program were given opportunities to learn to conduct field trips and aquatic exploration through affiliation with WPWA events. Approximately 220 participants benefited from these programs. Denise continued as Science Mentor for the GEMS-Net Program run by the Education Department at URI.

Students from Chariho's RYSE program (Reaching Youth through Support and Education) provided community service hours to assist in the maintenance of WPWA's campus grounds. Fifteen students and instructors participated. Afterward they explored the river by kayak.

The WPWA Education Program brochure continues to bring school groups and educators to WPWA to participate in environmental projects, river explorations, and field trips.

ADVOCACY, POLICY AND STEWARDSHIP

Coalition for Water Security

WPWA is an ongoing member of the Coalition for Water Security, and past president and trustee Harold Ward has been actively engaged on our behalf in the formation of sound water management policy that will protect the future of our water supplies. The Coalition insists that if the state is to have water for all its needs – drinking and household use, environmental health, agriculture, firefighting, and economic growth – we have to manage this valuable resource, not waste it. You can find out more about the elements of a comprehensive plan for Rhode Island's water by visiting www.coalitionforwatersecurity.org.

Coalition members include Aquidneck Land Trust, Audubon Society of RI, Clean Water Action, Conservation Law Foundation, Environment Council of RI, Environment RI, Grow Smart RI, Narragansett Bay Estuary Program, Narrow River Preservation Association, RI Economic Policy Council, RI Land Trust Council, RI Natural History Survey, RI Public Expenditure Council, Sierra Club RI Chapter, Save The Bay, Trust for Public Land, and the Wood-Pawcatuck Watershed Association.

Richmond Stump Dump

WPWA continues to follow the negotiations concerning legal action against the owner of the Richmond Stump Dump. During the summer of 2007 another major fire broke out and continued to burn for nearly a week. The fire put a strain on the local fire departments, necessitating the use of tremendous amounts of water from the municipal supply and directly from the Wood River. The town and state are attempting to reach an equitable settlement with the landowner that will result in complete removal of all the stump material. WPWA has attended all the hearings concerning this issue to assure that the safety of the Wood River is addressed in the settlement.

COMMUNITY OUTREACH

Often WPWA has the opportunity to provide services to other community groups. This year, we offered our facility to Gateway Health Services to provide canoe training to their clients. AmeriCorps participants volunteered their time to clean up the river and access areas and help with educational and recreational programs. They also enjoyed a paddle on the Wood River to learn about the area.

Kayak instruction was provided for fifty participants of Women in the Outdoors Weekend and at Big Sisters Weekend, both held at Alton Jones, as well as a paddle on the Wood River for Metcalf Journalist Fellows to expose them to the richness of Rhode Island's wild environment.

As part of the Stream Continuity Project, WPWA provided fish sampling equipment and expertise to assist the Resource Conservation and Development Council in prioritizing restoration projects. In addition, WPWA joined the RI Blueways Alliance and helped formulate plans for PaddleRI, a series of paddle trips in June 2008, to highlight local water ways and watershed groups.

Other groups and organizations that were provided the use of WPWA boats, our expertise for a lecture or presentation, and other donations include Gateway Health Services, Nuweetooun School, RYSE at Chariho Middle School, Coventry High School, Sedimentation Conference at the Kettle Pond Visitor Center, and the Land and Water Conference.

The annual Opening Day litter awareness program was held in partnership with Trout Unlimited, Narragansett Chapter. Honey Dew Donuts of Westerly provided the free hot chocolate and brewing services. Green Mountain Coffee Roasters provided the coffee beans. Free coffee offered to fishermen with reusable mugs spared some public access areas a considerable amount of litter, as did collection of trash and fishing line at the sites.

Over fifty volunteers participated in Earth Day cleanups throughout the watershed. More than twenty sites, most at river and pond access areas, benefited from a few able hands to pick up litter and debris. Two river cleanups, or Paddle Pickups, were done on sections of the Wood and Pawcatuck Rivers. Volunteers, including members of RICKA, AMC, and Nuweetuoon School, used kayaks and canoes to snag trash that clogged the rivers.

NEWSLETTER, MAPS AND WEBSITE

Volume 24, Numbers 1-4 of *Watershed* were published this year, with a total distribution by mail of over 4000, and a global availability though our website. Through this quarterly publication, WPWA conveys news, events, issues, and proposals that impact our watershed and natural resources, and has done so since early in its history.

The *Wood-Pawcatuck River Guide* and *Walks in the Watershed* remain in relative demand in our area, selling at numerous retail outlets, and directly through WPWA. This year WPWA also sold trail maps produced by Cliff Vanover of Arcadia, Big River, Carolina, and other state holdings, at our campus store.

Our website, www.wpwa.org, continues to be the host site of the many reports, publications, and events we host, and a source of new and updated information. In the coming year we will begin to redesign the site, and offer direct member sign up and product purchase using Paypal or other electronic means. Additionally WPWA plans to include links to GIS maps, maintain an up to date report of river conditions and a map of river obstructions, as well as the addition of a photo gallery.

CAPACITY BUILDING AND MENTORING

WPWA has continued to be an active participant in the Land and Water Partnership "Infrastructure Collaborative" in 2007. This learning network of six member organizations — including two watershed councils, two land trusts, as well as the RI Land Trust Council —was formed to develop solutions to administrative needs of small non-profit conservation groups. WPWA assumed the role of fiscal agent for the collaborative in 2006 and continues to serve the collaborative in that capacity, managing existing project funds, and new funds received from Third Sector New England. Primary focus areas continue to be member/donor database management, and shared volunteer management services.

In 2007 the partners researched new database software called SalesForce, select partners are currently migrating data to this web-based member data management system. By the end of 2008, nearly all the partners will have uploaded their data. The partnership also plans to recruit up to fourteen new partners for their participation in this shared learning network.

STATEMENTS OF WPWA FINANCIAL POSITION

December 31, 2007 and 2006

ASSETS		<u>2007</u>		<u>2006</u>
CURRENT ASSETS Checking	\$	146,074 7,661 366,246 2,428 522,409	\$	131,806 8,674 454,741 2,428 597,649
PROPERTY Office buildings and land Rental house Less accumulated depreciation Total property		257,905 88,064 (28,559) 317,410		257,905 88,064 (21,957) 324,012
OTHER ASSETS Land held for conservation		221,000		221,000
TOTAL ASSETS	<u>\$</u>	1,060,819	\$	<u>1,142,661</u>
LIABILITIES AND NET ASSETS				
CURRENT LIABILITIES Rental security deposit Due to Land & Water Partnership Total current liabilities	\$	23,102 23,102	\$	1,250 12,299 13,549
NET ASSETS Unrestricted	_	431,025 193,108 413,584 1,037,717	_	400,782 271,058 457,272 1,129,112
NET ASSETS	\$	1,060,819	\$	<u>1,142,661</u>

See accountants' compilation report, available on request