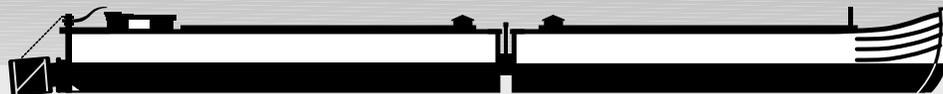


ON THE LEVEL



THE CANAL SOCIETY OF NEW JERSEY

CANAL SOCIETY OF NEW JERSEY CONCLUDES ANOTHER REMARKABLE SEASON OF PROGRAMMING AT WATERLOO!

Just a week before the freak early October 2011 snowstorm, the Canal Society wrapped up another wonderful year of canal programming at Waterloo. This is the fifth year that the Society has been implementing Canal Heritage events at the village since the Waterloo Foundation for the Arts ended its tenure at the site. Our season was kicked off with our 16th Annual Waterloo Canal Day on June 25th. We were especially excited to be able to add the Gristmill as a major new attraction this year and to draw over 2,000 members of the public throughout the season! We continue to be very grateful to Andy Drysdale who was a major help in readying the mill for renewed operation. We also thank carpenter Ken Dunham for strengthening the flume leading to the waterwheel and reroofing the privy behind our New Jersey



The Canal Society's reopening of Waterloo's Gristmill was a great hit during the 2011 season!

Canal Museum. The mill was a challenging endeavor since the Musconetcong River varied from near drought conditions in the early part of the sea-



Hands-on exhibits enhanced the demonstration of the mill's operating grindstones.

son to record flood levels in the fall!

The operating Blacksmith Shop was another wonderful attraction during the first part of the season. We are extremely grateful to Bruce Hartnett for volunteering to provide outstanding interpretive demonstrations of the blacksmithing trade and specifically how the Waterloo shop serviced the adjacent Morris Canal.

Once again Smith's Store continued to be an engaging reflection of a mercantile establishment of the late 1800s-early 1900s. This year we again featured some hands-on demonstrations of old-time implements in the store. Children love to grind coffee beans, churn butter and operate hand cranked apple peelers! Also, the Rutan log cabin was once again a charming attraction, representing rural life at the very beginning of the Morris Canal era.

(Continued on page 2)

MEETINGS

Morris County Cultural Center
300 Mendham Road, Morris Township

Friday – January 20, 2011 at 7:30 p.m. – Refreshments at 7:10

TOURING HISTORIC DRAKESVILLE (LEDGEWOOD) ON THE MORRIS CANAL IN ROXBURY TOWNSHIP

RICHARD CRAMOND

ROXBURY TOWNSHIP HISTORIC ADVISORY COMMITTEE, ROXBURY TOWNSHIP HISTORICAL SOCIETY, ROXBURY HISTORIC TRUST

Ledgewood, formerly known as Drakesville, contains many Morris Canal sites, in addition to historic buildings which were associated with the canal and are now historic restorations under the guidance of the Roxbury Historic Trust and the Roxbury Township Historical Society. In addition to two inclined planes and two canal basins, the community had the King Store serving the canal and the adjacent King
(Continued on page 2)

ANOTHER REMARKABLE SEASON OF PROGRAMING AT WATERLOO

(Continued from page 1)

We are extremely grateful to and proud of the nearly 50 Canal Society volunteers who made it possible to have the village open for 11 days this past season. It was only through the dedication and hard work of these many individuals that our opening

of the village was possible. Of course the partnership with the State Park Service and especially State Park Superintendent Helen Maurella and her staff were indispensable for making the village open and available! We are sorry to see Helen go! She recently retired from the State Park Service.



Bierce Riley shows some of the types of wheat to visitors to the Gristmill.

MEETINGS

(Continued from page 1)

family homestead. The original home of Silas Riggs, a contractor on the Morris Canal, was relocated from the vicinity of nearby Route 10 and set up as a house museum next to the King Store. Plans for ongoing restoration work are underway at the historic King Family buildings, in addition to phased restoration and preservation work at the site of Morris Canal Plane 2 East, located in Morris Canal Park. This plane is one of the four best-preserved inclined planes on the overall Morris Canal. Tonight's presentation will feature the various Morris Canal sites and associated buildings in Ledgewood, Roxbury Township and the ongoing preservation projects of the Roxbury Historic Trust.

Richard Cramond is a member of the Canal Society and is a long-time dedicated worker on the Society's Morris Canal Greenway Committee. He also has been an active participant, helping the Canal Society implement interpretive programming at Waterloo. His extensive activities with preservation efforts in Roxbury Township, and on the Morris Canal, have been extremely important in promoting the Greenway concept and preservation of the Morris Canal.

Friday – March 16, 2011 at 7:30 p.m. – Refreshments at 7:10

RESTORING MORRIS CANAL LOCK 2 EAST HUGH FORCE PARK, BOROUGH OF WHARTON

RICHARD HUNTER, PH.D. AND JAMES LEE III
HUNTER RESEARCH, INC., TRENTON, NJ

A true hallmark project in the field of Morris Canal preservation is the restoration of Lock 2 East in Wharton, being undertaken by the Borough as part of plans to make Hugh Force Park a major Morris Canal attraction with a public boat ride and an operating canal lock. The project has been spearheaded by local resident John Manna, who has worked tirelessly to attract both attention and major amounts of funding to make the lock project a reality. A series of grants from the Morris County Historic Preservation Trust, the New Jersey Historic Trust and now Federal Stimulus monies have allocated nearly \$1 million toward the full restoration of the lock. Construction is currently underway, exposing not only almost the entire lock structure, but many historic elements that were components of the lock's operation. Hunter Research, Inc. has been providing archeological inspection services during the project and will describe tonight the many remarkable artifacts and lock structural components that have been revealed and documented during the course of the project.

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As always, most rewarding of all was the continued tremendous public interest, enthusiasm and gratitude for what the Society is doing at the village. We can be very proud of our accomplishments that have been a major role in keeping the village alive. Since 2007 we have invested nearly \$25,000 to support our programming at Waterloo, including buying back part of the Foundation's collection to refurbish and refurbish Smith's Store and the Rutan Cabin so that they could once again be opened to the public. We've also now reopened the Blacksmith Shop, the White Barn and the Gristmill. During these past five years combined we have provided interpretive programming for approximately 12,500 people! These are remarkable accomplishments and we look forward to implementing an even better season in 2012! ■



Children loved to try grinding grain using a hand grindstone.

UPDATES ON WATERLOO

Recently the Canal Society has been taking several steps to draw attention to the Mount Olive Township, Morris County portion of Waterloo Village. Many very important historic remains and structures are present there, including Morris Canal Plane 4 East (one of the four best-preserved inclined planes from the overall canal), extensive elements of the old Sussex Railroad, an extant mid-19th-century frame house (a twin to our New Jersey Canal Museum on the Sussex County side of the Musconetcong River), and the foundations and ruins of the Waterloo Ice House complex. At this time the State has not included this Morris County portion of the village in its Preservation Master Plan for Waterloo and is not really familiar with all of the historic features present there. The collapsed towpath bridge across the river precludes easy public access to the site and therefore has rendered it somewhat forgotten.

As an initial endeavor, the Society is seeking funding to undertake a comprehensive cultural resource survey of the Morris County side of the village to identify and document the various historic features there. Part of the study will discuss their historical significance, which is of vital importance to the overall village. A grant application has already been submitted to the New Jersey Historical Commission to seek support for at least part of the project. We hope to submit a request to the Morris County Historic Preservation Trust Fund in the near future to further support the project. While investigating and documenting the Morris County side of Waterloo, it is our intention to have the National Register District designation for the overall village upgraded and expanded so that it will also include the Mount Olive Township part of Waterloo.

To help highlight the need for recognition and preservation of the Mount Olive portion of the village, the Morris County Trust for Historic Preservation, Morris County Histor-



Upper Right: Section of Morris Canal plane cable, located at the top of Plane 4 West at Waterloo.

Above: Looking up Plane 4 West, a dramatic feature since it is graded into the hillside and lined with massive stone retaining walls.



Above: Mid-nineteenth-century house near the foot of Plane 4 West (a twin to our New Jersey Canal Museum at Waterloo).

Left: Ruin of a terracotta tile building at the Waterloo Ice House site.



ical Society and the Morris County Visitors Center have included this part of Waterloo on its annual list of Ten Most Endangered Historic Sites in Morris County. In addition to preserving more of Waterloo, our hope is to continue to build impetus for the reconstruction of the towpath bridge across the river so that the two portions of the village will once again be connected.

This past fall school field trips continued to frequent Waterloo and were run by Winakung at Waterloo. Several thousand schoolchildren were able to visit both Indian Island and portions of the canal town. Extensive interest continues to be dem-

onstrated regarding the importance and value of Waterloo as a destination for school and other groups. We congratulate Winakung at Waterloo for another very successful season of school programming!

The frequent freak rainstorms, resulting floods and early snowstorm continued to wreak havoc at Waterloo this past fall. Volunteers from the Canal Society shoveled out river silt and swept floodwaters several times from the basements of the Gristmill and Smiths Store. At times as much as four feet of water was present in both basements. Additional flooding in the Blacksmith Shop knocked out the

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Richard Hunter, Ph.D. is the President/Principal Archeologist of Hunter Research, Inc. a highly respected, New Jersey-based consulting firm offering a full range of cultural resource services to public and private clients throughout the Mid-Atlantic and Northeastern US. Richard has specific expertise in historical and industrial archeology, historical geography and historic landscape analysis. His firm has conducted many projects relating to the D&R Canal and Trenton's historic industries, including the city's famous potteries and its early steel works. Jim Lee III is an archeologist with Hunter Research and is following in the footsteps of his well-known grandfather, Morris Canal historian Jim Lee.

Directions to the Morris County Cultural Center

From the Morristown Green, turn right onto Washington St (County Route 510, formerly NJ Route 24). Travel 3.5 miles west toward Chester. Pass the roads to the Delbarton School and Lewis Morris County Park on the left. After the curve and long board fence, look for a sign for the MUA on the right, pointing toward the driveway, which is marked by a street light and lighted directional sign. Make a sharp left turn and drive uphill to a Spanish-style stucco building at the top. Parking is in the lot to the left at the top of the hill. Once inside the main entrance hall of the Cultural Center, the auditorium is to the left. Restrooms are upstairs, with elevator access.

From Route 287 South, take Exit 35, Madison Ave. Turn right at the top of the ramp onto Madison Ave (Route 124). Bear right at the next light onto South Street, continue straight through a series of traffic lights and around the Morristown Green. Turn right onto Washington St. (County Route 510, formerly Route 24). Continue as described above.

From Route 287 North, take Exit 35, South Street/Madison Ave. At the end of the ramp, turn left onto South St, continue straight through several lights and travel around the Morristown Green. Turn right onto Washington St, (County Route 510, formerly Route 24). Continue as described above.

Winter Weather Alert!

The Society's winter program meetings are subject to cancellation if weather conditions make it unsafe for members to attend. We will make every effort to post any meeting cancellations on the Society website by 10:00 a.m. of the day of the meeting. If access to our website is not convenient, call the Society phone at 908-722-9556 for information about the cancellation of meetings. ■

MEMBERSHIP RENEWAL TIME IS HERE!

You have recently received a notice that it is time to renew your annual dues for the Canal Society of New Jersey. As indicated in this and other recent newsletters, many exciting things are happening in the Canal Society. We are having more events and public programming and are actively engaged in several preservation projects. We hope that we can count on your continued support to make it possible for us to sustain our many activities and projects. If you have not already sent in your dues, we ask you to do so as soon as possible. We greatly value your support! Together we can do great things to preserve and enhance New Jersey's canal heritage! ■

ANNUAL SPIRIT OF THE JERSEYS STATE HISTORY FAIR

On Saturday, May 12, 2012 the New Jersey Division of Parks & Forestry will once again sponsor its Spirit of the Jerseys Fair at Washington Crossing State Park, in Titusville, from 11 a.m. to 5 p.m. Admission is free; parking is \$5 per car. Approximately 100 historical groups and associations from all over the state will be participating. Exhibits will feature military reenactments, historical theatre, music, museum displays and a great variety of other entertaining booths. The Canal Society hopes to have its pontoon boat on the Delaware & Raritan Canal that day, offering rides to the public. We had our boat ride at the fair in 2009 and it was highly successful. Typically, thousands of people attend this popular event and it is a great opportunity to showcase both the Society and our state's canal heritage. The Fair will be held rain or shine. Society members are needed to help us operate the pontoon boat ride. Please volunteer your services by calling Judy Keith at 973-347-9199. ■

UPDATES ON WATERLOO

(Continued from page 3)

power supply to the building, which operates an electric blower for the forge fire. The lack of power prevented the Society from having the Blacksmith Shop open and operating for the public during the fall session of our Waterloo Canal Heritage Days. Our pontoon boat was washed up onto the canal towpath more than once and the flume that carries water from the canal lock to the watered section of canal behind Smiths Store was destroyed. It needs to be rebuilt before our next season of canal programming. Fortunately no major trees came down during the freak snowstorm, but large limbs still litter much of the village grounds. ■

UPDATES ON THE MORRIS CANAL GREENWAY

The purpose of the Morris Canal Greenway is to preserve the surviving historic remains of the Morris Canal and its associated natural environment, to interpret canal sites to the public, and to offer recreational opportunities. The Greenway is an ongoing project of the Canal Society and is attracting growing interest amongst municipal, county and state agencies.

In Warren County the County Planning Department and the Morris Canal Committee are continuing to work with consultants on a 25-year Action Plan for the Morris Canal Greenway as it extends across the county. A series of public meetings are being held with the County's consultants to receive public input on the Greenway concept and proposed activities. During the initial meeting, attendance was extensive and public sentiment for the Greenway was strongly supportive. Work on the plan will be continuing over the next several months.

In Morris County, Mount Olive Township is seeking to preserve a wooded tract of land that had formerly been part of the State Park System and was swapped to BASF. The tract was held in reserve by BASF for possible future expansion and was never developed. Funding is now being assembled to buy the land back and return it to

being part of the State Park. This addition will serve as part of a link in the Greenway between the former BASF site and the Mount Olive side of Waterloo Village.

In the Borough of Wharton an extensive project is continuing to restore Lock 2 East in part of Hugh Force Park. This massive undertaking has excavated and dewatered almost all of the lock and is rebuilding and repairing it. Photos of this amazing project are included elsewhere in this newsletter.

The Passaic County Planning Department is spearheading a collabora-

tion of various agencies and counties to discuss and present to the public information on their respective Morris Canal preservation and Greenway development efforts. A proposal has been submitted to the State of New Jersey to include a panel discussion on the statewide Morris Canal Greenway efforts as part of the annual State Historic Preservation Conference, to be held this June. If the panel proposal is accepted by the organizers of the State Historic Preservation Conference, the Canal Society will be participating on the panel and as the moderator. ■

MEMBER NEWS

HELEN CARLSON

Helen Valentine Carlson, wife of former long-time Canal Society Treasurer, Emery J. Carlson, passed away early in this past December. Born in Scotland, Helen worked for General Foods Corp. as a food editor and resided in Chatham Township. She subsequently became editor of technical communications for AT&T, Bell Labs, and Lucent, a capacity she filled for 26 years. After retirement she received her Masters in Art History and Literature and volunteered for Pioneers Jewett Chapter at Bell Labs, serving as president and environmental chairperson. In addition to being active in the Canal Society she was an authority on birding and a member of the Frost Valley Walkers. We extend our sincere sympathy to her family.

JACK CHANCE

Recent word was received that Canal Society Charter Member, Jack Chance, of Montclair, died recently at the age of 90. A memorial service for Jack will be held on Saturday, February 25 at 2:30 p.m. at Union Congregational Church, 176 Cooper Ave, Montclair.

INEZ RILEY BOBROWSKI

We have also just learned that Bierce Riley's mother, Inez Riley Bobrowski, 95, passed away on January 5. She was a life-long resident of Bloomingdale and had been employed as a bookkeeper at Superior Hard Rubber Company in Butler, later worked at the First National Bank of Bloomingdale, then as a bookkeeper for Laminated Construction Company in Bloomingdale and finally as a self-employed licensed public accountant doing personal and small-business income tax returns before retirement. She became an avid quilter after retirement, winning first place for one of her quilts at the Newfoundland Fair. Family and friends are invited to a memorial service on Saturday, January 21, at 2:00 p.m. at Ponds Reformed Church, 341 Ramapo Valley Road (U.S. Route 202), Oakland, NJ. In lieu of flowers, it is requested that donations in her name be sent to the Arthritis Foundation, P.O. Box 96280, Washington, DC 20077-7491. We express our heart-felt sympathy to Bierce and Joe Macasek.

As this newsletter is going to press we just heard that Canal Society Board Member, Judy Keith has lost her sister to cancer. We extend our great sympathy to Judy at this difficult time. ■

CANAL NEWS



Starting this January, Canal Society members will start receiving a new e-mail newsletter the "CANAL NEWS"

We will start with up-to-date coverage and color pictures of the Lock 2 East reconstruction project.

Check your e-mail for the first issue. To be sure you don't miss out, send your e-mail address to macgraphics1@verizon.net

THE LOCK 2 EAST RESTORATION PROJECT GETS UNDERWAY

Finally, after almost six years planning, reconstruction work has begun at Lock 2 East in Hugh Force Park in Wharton. In late November, workers started carefully removing earth fill from the lock chamber. As the work moved forward many of the lock's working parts were discovered in the mud. In weeks to come the lock walls will be repaired and five feet of new stonework added to bring the lock up to its historic height. Please visit the construction site and watch as Lock 2 East is brought back to life.



This view looking into the lower end of the lock shows the chamber cleared of earth and pumped dry to expose the wood plank flooring. On the left, workers begin the task of repointing the stonework.



These gears are part of the rack and pinion that enabled the lock tender to crank both lower lock gates open and closed at the same time.



Still covered in mud, this gear and drum wound the chain that pulled the drop gate into upright position.

A backhoe perched on the end of the earth-filled lock delivers sand bags to workmen building a coffer dam to keep water from the canal from filling the lock excavation.



Both massive miter gates were found during the excavating work and are seen here after being removed from the lock chamber.



The heavy timbers fastened to the floor of the lock are the sills against which the lock gates rested when in the closed position.

The wicket valve assembly consisting of four iron shutter gates was knocked askew by falling stones when the lock was being abandoned and filled in. Each shutter weighs several hundred pounds.

All photos by Joe Macasek

MEMORIAL GIFT FROM HAYES FAMILY SUPPORTS SOCIETY HEADQUARTERS ENDOWMENT FUND

We were greatly saddened to hear of the passing of long-time Canal Society members Ruth and George Hayes. Their daughter notified us of their passing and has generously provided a \$5,000 gift in their memory to support our Headquarters Endowment Fund.

Both Ruth and George, formerly of Montville, were very active members. They had a major role in developing

the exhibits at our New Jersey Canal Museum at Waterloo and George was a designer and one of the fabricators of our room-size traveling exhibit on New Jersey's canals. This exhibit has now been in use for decades and has been on display at countless public venues. Most recently it was featured at Waterloo as part of our Canal Heritage programming during the 2011 season. Ruth and George left New

Jersey many years ago to relocate as part of a job transition.

We express our sincere sympathy to the family and also our great gratitude for remembering Ruth and George with this wonderful gift to the Society. ■



Canal Society's New Jersey Canal Museum at Waterloo.



The Canal Society of New Jersey received an operating support grant from the New Jersey Historical Commission, a division of the Department of State.

CALENDAR OF EVENTS

Friday	January 20	Membership Meeting <i>Morris County Cultural Center</i>
Friday	March 16	Membership Meeting <i>Morris County Cultural Center</i>
Saturday	May 12	Spirit of the Jerseys State History Fair <i>Washington Crossing State Park</i>
Saturday	June 30	Waterloo Canal Day

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CANAL SOCIETY OF NEW JERSEY

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