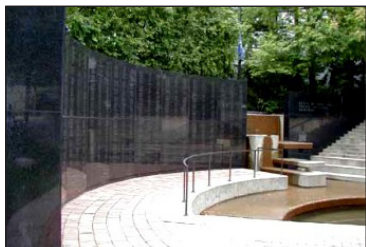


## Remembering Lieutenant John J. Quinlan



Last week, the State of New York Police Officers Memorial and the National Law Enforcement Officers Memorial recognized the remarkable service of Lieutenant **John J. Quinlan**, a 16-year veteran of the Board of Water Supply Police (the precursor to DEP's Police), whose career exemplified the scope and service of the officers who protect our water supply every day. He died tragically while on patrol on October 2, 1953.

He is the first DEP Police officer to be honored for making the ultimate sacrifice for New York City. Including him on both of these memorials is a fitting tribute to his family and all of the hardworking DEP Police officers who are on the front lines every day.

Lieutenant Quinlan's career began in 1937. He distinguished himself and rose through the ranks quickly, ultimately obtaining the rank of Lieutenant in 1941. His work focused on many vital issues: he investigated worker fatalities at critical water infrastructure construction projects, trained new recruits, and protected the City's most precious natural resource. He once aided a fellow officer involved in a serious motorcycle accident, and provided an emergency blood transfusion to help in his recovery. During World War II, he served in the U.S. Navy as a Specialist Second Class for 18 months.

Although he served nearly sixty years ago, much of Lieutenant Quinlan's work is still relevant today. After the outbreak of World War II, Lieutenant Quinlan and his fellow officers guarded our water infrastructure against attacks. Lieutenant Quinlan was intricately involved in all investigations dealing with potential sabotage to the water supply, and worked with the NYPD, State Police, and FBI to protect the City. To this day, we continue those efforts: our water supply

(Continued on reverse side)

## Spotlight on Safety

### Trenching & Excavation

The primary hazard of trenching and excavation is employee injury from cave-ins. Soil analysis is important in order to determine appropriate sloping, benching, and shoring. Additional hazards include working with heavy machinery; manual handling of materials; working in proximity to traffic; electrical hazards from overhead and underground power-lines; and underground utilities, such as natural gas.

Excavating is recognized by OSHA as one of the most hazardous construction operations. OSHA revised

Subpart P, Excavations, of 29 CFR 1926.650, 29 CFR 1926.651, and 29 CFR 1926.652 to make the standard easier to understand.

The purpose of DEP's Policy is to ensure that each DEP employee involved in excavation can recognize and avoid unsafe conditions.

All employees entering excavations will be trained on awareness of the hazards and appropriate trenching and excavation procedures.

Click here for more information on DEP's Policy.

At DEP, everyone is responsible for safety. If you or anyone on your team is concerned about your working conditions, it's okay to ask your supervisor or your bureau's EHS liaison how they can help. If you've still got questions, you can call the EHS Employee Concerns Hotline. It's DEP's responsibility to acknowledge and fix unsafe situations, procedures, and practices. With your help, we'll not only get the job done, we'll make it safer for ourselves, our coworkers, our families, and our city.

CALL (800) 897-9677 OR SEND A MESSAGE THROUGH PIPELINE. HELP IS ON THE WAY.

## Commissioner's Corner



Last week, I attended Water Rate hearings in Queens and Manhattan, and tonight I'll take part in the last of the six public hearings on the rate proposal for Fiscal Year (FY) 2011 in Brooklyn. The hearings have been extremely informative, and I committed that we would work hard to address the public's main concern: keeping water rates as low as possible by operating efficiently and making capital investments for necessary projects at a pace that New Yorkers can afford. On Thursday, I testified at the City Council's FY 2011 Executive Budget hearing where, in addition to explaining DEP's budget and the steps we've taken to cut costs, I asked for the Council's help to ensure that those who can afford to pay their water bills actually pay. That means re-authorizing and expanding the water-lien sale legislation that expires this year. You can read the full testimony here.

We are doing our part to implement Mayor Bloomberg's PlanNYC and keep New York City green: On Wednesday, we initiated the public comment period for a new drainage plan for the Mid-Island Bluebelts in Staten Island. The Bluebelts are an innovative approach to managing stormwater by leveraging natural features like ponds, lakes and streams. Roughly one-third of Staten Island relies on the Bluebelts to treat, convey, and filter stormwater, rather than traditional "gray" infrastructure like conventional trunk storm sewers. Unlike gray infrastructure, the Bluebelts provide habitats for native species and open spaces to the public. Under

Mayor Bloomberg, we have already committed more than \$200 million to Bluebelt projects since 2002 and we plan to invest nearly an additional \$300 million City-wide over the next 10 years (we're also building Bluebelts in Queens and exploring the feasibility of this approach in other boroughs). Thanks to **Stacy Radine**, Deputy Director, Office of Stormwater Management Planning in the Bureau of Environmental Planning and Analysis (BEPA), **Dana Gumb**, Chief of the Bluebelt Unit, and **Syed Hussain**, Chief of the Capital Drainage Unit, from the Bureau of Water and Sewer Operations (BWSO) for planning this exciting new work. Information on the Mid-Island drainage plan can be found on our website.

And on Thursday, we launched the second phase of the Eelgrass Restoration Project in Jamaica Bay. This pilot program consists of 1,000 individual plantings to improve the overall water quality and ecology of the Bay—and 3,000 more plantings are planned for this fall. Eelgrass is submerged aquatic vegetation that grows in shallow water. It provides habitat for fish and shellfish, stabilizes sediments and naturally removes nitrogen from the water. **John McLaughlin**, the Director of Ecological Services for BEPA, and Research Scientist **Robert Will** were instrumental in putting this program together. Learn more about it here. This work comes on the heels of the historic agreement between Mayor Bloomberg, the State Department of Environmental Conservation, and the Natural Resources Defense Council and other environmental stakeholders to invest \$115 million in nitrogen reduction technologies and marshland restoration programs. You can read more about our plans for Jamaica Bay here.

## Focus on the Field



**Charles Cutietta Olson**, the Deputy Chief of Watershed Water Quality Operations for the East-of Hudson Supply, manages two laboratories and a field group that collects and analyzes water samples from aqueducts, reservoirs, streams, and wastewater treatment plants north of New York City and East of the Hudson River.

Reporting to Chief of Watershed Water Quality Operations **Lori Emery**, Director of Water Quality **Steve Schindler**, and led by Deputy Commissioner for the Bureau of Water Supply **Paul Rush**, Charles documents water quality and treatment compliance with both State and Federal regulations.

"I've always been fascinated by the nexus of Clean Water Act and Safe Drinking Water Act regulations," says Charles. Moreover, while meeting all those separate

regulations can be a challenge, the "Clean Water Act regulations are part of what allows us to protect water quality in the streams and reservoirs that ultimately supply New York City and another 1 million folks upstate."

Charles and his staff are always implementing new procedures to protect the safety of New York City's water supply. They continue to adapt nearly every facet of their work—from substantial documentation and procedural changes in the lab and field, to a deeper understanding of the water supply process as a whole—to make sure that their office works better and smarter. Playing an integral role in ensuring the health and safety of this vital natural resource is no small matter. Charles and his staff meet that challenge daily.

In his spare time, Charles enjoys the visual arts; he worked as a registrar at a local art museum for six years in the 1980s. And in 1982, Charles began sculpting. Two of his recent sculptures are currently on display as part of the Westchester Biennial at the College of New Rochelle. Congratulations! Click here for more details on the show: [🔗](#)

## DEP: Then & Now

**Then:** The Water Conservation Art & Poetry Contest has been held by DEP since 1987 as part of its ongoing education program. This is a photo of some of the fifth and sixth grade winners at the Seventh Annual Award Ceremony held in 1993 at Con Edison near Union Square, Manhattan.



**Now:** On May 13th, DEP held its 24th Annual Water Resources Art & Poetry Award Ceremony at the Frank Sinatra School in Astoria, Queens. Over 400 fourth, fifth and sixth grade students from New York City schools were honored for creating artwork and composing poetry about the City's water and wastewater treatment systems and the importance of conservation. BEPA's Deputy Commissioner **Angela Licata** co-hosted the ceremony with **Commissioner Holloway**



## Ask Cas

[askcas@dep.nyc.gov](mailto:askcas@dep.nyc.gov) [🔗](#)

**Q.** DEP spends money to purchase milling and clean fill to backfill excavations where fill has been lost due to water main breaks and other conditions. Why can't we use the material that is discarded from the various excavation projects, such as the third water tunnel? **Peter Fahey**, Citywide Manager, BWSO

**A.** Although the idea of using rock dust to backfill our DEP excavations is a good one, demand for the material would have to keep pace with the rate it is generated. Almost 1,000 cubic yards of rock material was generated daily during excavation of Stage 2 of the Manhattan Tunnel, ranging from dust to small boulders. We would also require additional land for sifting and stockpiling it, which makes its use as backfill not always practical.

DEP can benefit indirectly from the raw material generated by our drilling and tunneling. Tunnel contracts specify a contractor "owns" the excavated material and disposes it at their cost. The prudent contractor factors this into their bid. If a contractor believes the costs of transporting and disposing the stone can be defrayed by selling to a third party, those savings can be returned indirectly in the form of a lower bid to DEP.

(Lieutenant John J. Quinlan... - continued)

network remains a high-value target that demands protection.

"This long overdue recognition will serve as a lasting reminder and tribute to Lieutenant Quinlan and his family for the ultimate sacrifice he paid while serving the public and protecting our water supply," said **Kevin McBride**, the Deputy Commissioner for DEP Security.

Information on the National Law Enforcement Officers Memorial can be viewed here [🔗](#). Information on the State of New York Police Officers Memorial can be viewed here [🔗](#).

At the time of his death, Lieutenant Quinlan was survived by his wife Rose and his four children: **Patrick**, **Michael**, **Rosanna** and **Carol**.

### 24th Annual Water Resources Art & Poetry Award Ceremony

On Thursday, **Commissioner Holloway** hosted the 24th Annual Water Resources Art & Poetry Award Ceremony. More than 400 fourth, fifth and sixth grade students from New York City schools were honored for creating artwork and composing poetry about the City's water and wastewater treatment systems, and the importance of water conservation. All five boroughs were represented, and the students did some beautiful work [🔗](#). Special thanks to **Kim Estes-Fradis**, the Deputy Director of Education and Outreach, **Min Kan Shih**, Director of Education, **Lakeisha Bradshaw**, Education Coordinator, and **Eva Lynch**, Outreach and Education Coordinator for their tremendous efforts.

## Milestones

Congratulations to **Vincent Mattarella**, whose wife **Sara** gave birth to a baby girl, **Adyson Susan**, on May 12 — all are doing well.

### Event Calendar:

May is **Asian/Pacific Heritage Month** at DEP; exhibits of Asian artifacts, biographies, puzzles and recipes are displayed in the 3rd Floor Corridor.

**May 22** - MacNeil Park Coastal Cleanup on the East River

College Point, Queens; 10am – 2p; BCIA – Johari Jenkins & Chris Villari (who will be facilitating questions on the Tallman Island project). DEP Employees are welcome.

**May 22** - NDTV Health Expo - Flushing Mall; 12noon - 5pm; Grease Unit (BWT) & BCIA working. DEP Employees are welcome.

**We welcome your feedback! To submit an announcement or suggestion, please email us at: [newsletter@dep.nyc.gov](mailto:newsletter@dep.nyc.gov). [🔗](#)**