

# HYDRO TECH'S ENVIRONMENTAL SOLUTIONS

Volume II Issue I 2007

forward-thinking environmental practices. With over 20 years of combined consulting experience and working with government agencies, you can count on our diversified team for all your environmental needs.

We look forward to working with you and hope you enjoy this issue of Hydro Tech's Environmental Solutions.



(R)Mostafa El Sehamy, PG, CGWP.  
& (L)Mark E. Robbins, C.P.G., C.E.I.

## A MESSAGE FROM HYDRO TECH'S PRINCIPALS

Hydro Tech Environmental, Corp is a forward-thinking, integrated environmental consulting firm that takes pride in providing high quality environmental services. Our team of highly qualified hydrogeologists, geologists, professional engineers, and environmental scientists utilize the most up-to-date technology that is cost-effective for our clients.

Our services range from Phase I and II Environmental Site Assessments and Subsurface Investigations to air quality inspections and remedial designs. Our wide array of clients include prospective purchasers, owners and mortgage holders of real estate, insurance companies, municipalities, public and private schools, law firms, and state and local regulatory agencies.

We strive to exceed our clients' expectations on every project and provide top-notch service consistently. Our clients benefit from our extensive expertise and

## YOUR HEALTH IS IN GOOD HANDS

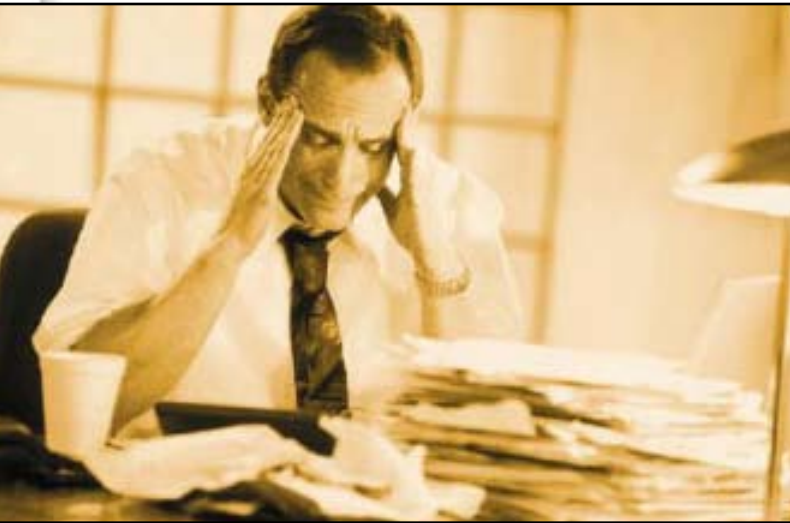
Hydro Tech has been working hard to make sure the environment and the community's health is cared for. This is why environmental problems such as open spill sites have been closely monitored by our team. Through the completed investigation and remediation of several New York State sites, we are proud to announce that no further requirements need to be met on numerous previously active spill sites. Based upon their review of Hydro Tech's files, the New York State Department of Environmental Conservation has closed over 30 open spill cases from their database. Hydro Tech will continue to actively pursue this source of contamination so our community can rest easy.





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## BREATH EASIER WITH HYDRO TECH



**Is the air you are breathing safe? Find out if the air quality is poor in your home or office today with Hydro Tech's Air Monitoring System.**

Do you think that the air you inhale indoors is polluting you? Most people would say no, since you usually associate pollution to outdoor air right? Unfortunately, you would be wrong. Studies have shown that indoor air often contains higher concentrations of hazardous pollutants than outdoor air. Since most Americans spend more than 90% of their time indoors, there has been increased attention on air safety. Whether you are in the office, at a restaurant, or even in your own home, there is a great possibility that you are breathing poor air. The EPA estimates that poor indoor air quality may cost the nation tens of billions of dollars each year in lost productivity and medical care. Unfortunately, some of the symptoms of poor air quality, which include fatigue, headaches, sore throat, or dry, itchy skin are sometimes overlooked since they can appear and disappear quickly. With air tight construction designed to improve energy efficiency, we are in a situation which permits less fresh air to enter, and almost no

air to exit. This is why in recent years air monitoring has been given more attention and it is very important that people think about getting their air quality tested. This is not a problem of the future; this has been, and will continue to be a current concern. Hydro Tech offers air monitoring for your home or office. *Call 1-866-HYDRO-TK for a free consultation today!*

## HYDRO TECH LENDS A HELPING HAND TO THE BROWNFIELD PROGRAM

In 2003, New York created a refundable tax credit program that helps developers remediate and redevelop on select pieces of land. This land, known as Brownfields, are abandoned, idled, or under-used industrial or commercial sites where expansion or redevelopment is complicated by environmental contamination. Fortunately, as long as the land has been contaminated by only low concentrations of hazardous waste it can still be reused and built on once it has been efficiently cleaned up and cleared of its pollutants. In the past, it was too costly for developers to clean up this land, which is why it would remain unused and abandoned. This tax relief has finally provided the incentive we need to thoroughly clean up these sites and put them into use. Developers can receive 10 to 22 percent of their redevelopment costs as refundable tax credits. These tax credits cover costs for site preparation, construction of property, and on site groundwater remediation. Currently, the EPA estimates that there are more than 450,000 Brownfield sites around the country. Hydro Tech has contributed its services to several Brownfield sites in Brooklyn, New York. The New York State

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## HYDRO TECH LENDS A HELPING HAND TO THE BROWNFIELD PROGRAM

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Department of Environmental Conservation is currently reviewing a Remedial Action Plan for a property in Brooklyn. Once the plan is approved, remediation and development of the property will commence simultaneously. On June 5, 2007 Governor Eliot Spitzer proposed legislation that would restructure and improve the Brownfield Program. With these new tax credit revisions, developers may be eligible to receive up to 100 percent of their site preparation and on site ground water remediation costs. This updated legislation will bring on even more redevelopment of contaminated land, while also protecting people's health and the environment.



## LAWRENCE AVIATION

The United States Congress established the Superfund program in 1980 in reaction to the discovery of toxic waste dumps such as Love Canal and Times Beach in the 1970s. The U.S. Environmental Protection Agency (EPA) describes the Superfund program as "...an initiative designed to locate, investigate, and clean up the most hazardous sites nationwide... a crucial environmental and economic precedent within American legislative history." Of the 1,200 plus Superfund sites in the U.S., 112 sites are in the state of New York. Reparations for some of the larger sites can be very involved as remediation must tackle multiple forms of contamination at a single site.



Hydro Tech has performed remediation activities for such a Superfund site. Lawrence Aviation Industries, Inc., (LAI) located in Suffolk County, New York, was a manufacturer of titanium sheeting for the aeronautics industry. Past disposal practices and the presence of leaking drums at LAI resulted in numerous violations cited by both the Suffolk County Department of Health Services and the New York State Department of Environmental Conservation (NYSDEC). After investigation by the EPA, LAI was added to the Superfund National Priorities List in early 2006.

Hydro Tech has worked with the NYSDEC and the EPA to finish the investigation and remediation of various areas of concern within the site, including petroleum storage tanks, building and machine pits, petroleum stains and subsurface soil quality. Laboratory results are in hand and waste disposal is now pending. Hydro Tech looks forward to the completion of Lawrence Aviation Industries remediation and the subsequent removal of the site from the Superfund program.



# HYDRO TECH'S ENVIRONMENTAL SOLUTIONS

## HYDRO TECH ANNOUNCES ADDITION OF A NEW DRILL RIG



Hydro Tech has introduced a new addition to its existing direct push machines, the GeoProbe 6620DT drill rig. This new machine has increased its width from 40 inches to 60 inches which makes its base more stable for drilling and probing operations. It has also increased its ground speed and maneuverability thanks to the newly improved track mounting that is provided. This geoprobe also contains geotechnical boring capabilities, onboard tool storage, and wireless remote control. This new GeoProbe is just another example of how Hydro Tech provides more service and productivity to its customers. "Using this new drill rig will enable our clients to have access to areas that are not accessible with conventional drill rigs," states Mark Robbins, Hydro Tech's Vice President. "In addition, we offer a full line of GeoProbe machines for any terrain and indoor use. Hydro Tech continues to deliver quality, cost effective drilling services."

## NEW YORK'S FIVE BOROUGHS ARE GEARED UP TO BUILD....

In recent years the New York City Planning Commission has approved amendments to the New York City Zoning Maps that include environmental designations

("E" designations) of areas that have physical or historical evidence of uses related to hazardous material. These "E" designations function as indicators of the environmental review that must be conducted when lots are developed in accordance with the regulations of the rezoned district. Hydro Tech Environmental, Corp has worked on many of these "E" designation sites. After the entire "E" review process is completed and accepted, you obtain a Notice to Proceed which allows you to start building on your site. Thanks to Hydro Tech's hard work and dedication we can proudly say that our company currently holds over 30 Notices to Proceed. So... let's start building New York!

## HYDRO TECH'S CLIENTS SPEAK:

"Hydro Tech has consistently helped us with all our environmental issues ranging from Phase I and Phase II Site Assessments to remediation. We can count on them to handle all our environmental issues and deliver quality services," states Soly Bawab from Cheyenne Realty.

"Hydro Tech has met our tight deadlines on Phase I and Phase II Environmental Reports and continues to exceed our expectations," states Philip Tager, President of Cronus Capital LLP.

Hydro Tech's client David Bawabeh at Bermuda Reality states, "As a frequent property buyer, I rely heavily on Hydro Tech for their professional opinion and expertise on all my environmental matters."



# HYDRO TECH'S ENVIRONMENTAL SOLUTIONS

## NEW HIRES AT HYDRO TECH ENVIRONMENTAL

Hydro Tech has welcomed some new members to their expanding team:



**Jessica Proscia**-Environmental Scientist/Health and Safety Officer



**Xuan Xu**-Project Geologist



**Shuangtao Zhang**-Staff Geologist



**Rajib Moral**- Chemical Engineer



**Lenny Sardella**- Vice President of Operations



**Monique Merhige** – Director of Marketing & Sales

## CONTACT HYDRO TECH

If you have any environmental issues, please contact Hydro Tech today. We are here to help you.

### Contact Information:

**Mark Robbins** - Principal  
mrobbins@hydrotechenvironmental.com

**Lenny Sardella** - VP of Operations,  
lsardella@hydrotechenvironmental.com

**Monique Merhige** - Director of Marketing & Sales,  
mmerhigemurphy@hydrotechenvironmental.com

Go to our website at  
**www.hydrotechenvironmental.com** or  
call us at **631-462-5866**.

*We hope you enjoyed this edition of Hydro Tech's  
Environmental Solutions!*

