

AES attended the Adirondack Park Agency's APA Local Government Day on March 22, 2007 at the Crown Plaza in Lake Placid and also the Business Expo on May 17, 2007 held at the Plattsburgh State Field House. Look for us at future events such as these.

## AES Employees Contribute to our Communities

### AES Sponsors ARC Golf Tournament

AES Staff Members (From Left to Right):

Jonathan St. Clair, EIT  
 Nathan C. Bull, EIT  
 Erin M. Sears, Intern Architect  
 Jessica L. Poirier, Engineering Technician



### AES Raises Money for United Way

The employees of AES Northeast contributed more than \$2,300 to the 2007 fundraising campaign of the United Way of Clinton and Essex County, Inc. AES contributed under the United Way's Architectural/Engineering Division which in previous years, had no participation. The United Way campaign for 2008 has just begun and AES has already pledged donations of \$2,171.

### Erin Sears, Intern Architect, Raises Money for the Leukemia and Lymphoma Society

Erin joined the Leukemia and Lymphoma Society's Team in Training program. This program trains people to accomplish athletic goals in order to raise money needed to fund research to find a cure for leukemia, lymphoma, Hodgkin's disease and myeloma, and to improve the quality of life for patients and families affected by these diseases. Erin's goal was to raise \$3,600 for this great cause, but with her persistence, she raised a whopping \$4,114 (\$650 from AES contributions). Erin ran 26.2 miles on June 4, 2006 in the Rock-N-Roll San Diego Marathon and finished in 5 hours and 26 minutes.

### MathCounts Competition

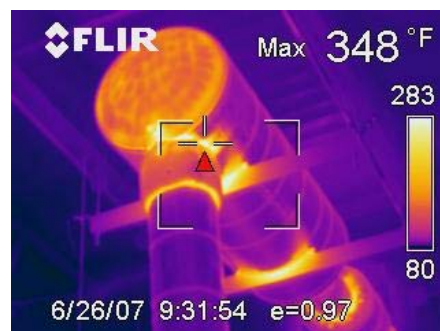
For the 17th consecutive year, AES Northeast will be the sponsor of the Clinton and Essex County Regional MathCounts Competition. Math Counts is a Nationwide math competition for 7th and 8th graders. This year's competition will be held on Saturday, February 9th.

## AES Northeast Offers Imaging Services

AES Northeast now offers its Clients the service of Thermographic Studies. AES has purchased an Infrared Camera System and has trained key personnel in its operation. Infrared Cameras and Thermographic Studies are used to document thermal efficiency of buildings, show water leaks and drying action in structures, and can show when an electrical circuit is overloaded, which could result in a fire. AES is utilizing this system in reviewing existing conditions of structures and in review of construction practices during new construction. Below

is a picture of a muffler for an emergency generator at a wastewater treatment plant. This picture was taken during the operation of the generator and shows that the thermal insulation

on the muffler was insufficient at a number of points, something not clearly seen by the naked eye. Additional thermal insulation was added making a safer and better quality installation for the Owner.



#### Inside this issue:

Surveying & Mapping News 2

Announcement 2

Town of Schroon Begins Operating New Wastewater Treatment Plant Six Months Ahead of Schedule 3

Village of Port Henry/Town of Moriah Wastewater Plant Begins Operation 3

Completed Construction Projects 4

Staff Recognition 4

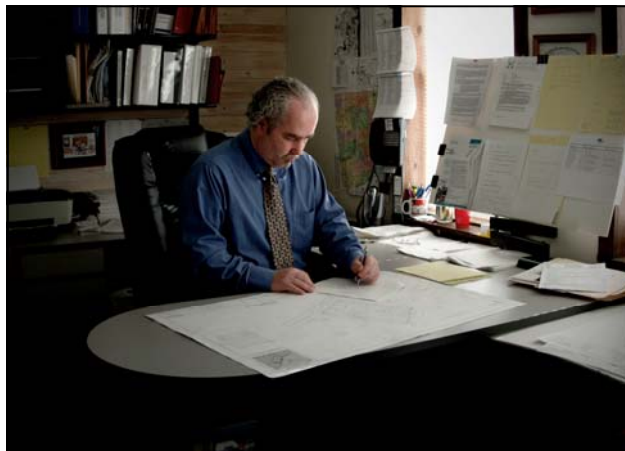
## Surveying and Mapping News...



AES's new robotic total station allows Marc Machabee to collect shots as a "one-man survey crew" in the bed of the Saranac River at the coal tar cleanup site for the former manufactured gas plant site in Plattsburgh.



AES Surveyors Use Global Positioning System (GPS) to Aid in Reconstruction of Mountain Lake PBS's Lyon Mountain Transmitter Tower after Windstorm Catastrophe in the Spring of 2007.



## ANNOUNCEMENT

**Scott B. Allen, L.S.** has been appointed to the New York State Association of Professional Land Surveyor's Task Force on the Use and Dissemination of Electronic Data Files. The task force is developing recommendations for new policy or legislation to help prevent the unauthorized and dissemination of electronic data files prepared by surveyors.

## Town of Schroon Begins Operating New Wastewater Treatment Plant Six Months Ahead of Schedule

Through well planned coordination between the Town of Schroon Wastewater Treatment Plant Operator Jim Roblee, General Contractor U.W. Marx, Electrical Contractor Harold R. Clune, HVAC Contractor LH LaPlante, Plumbing Contractor K&L Plumbing, and AES Northeast, the Town of Schroon began operating the new Wastewater Treatment Plant on August 31, 2007, more than six months ahead of the planned contract completion

date of March 10, 2008. The \$7.5 million project consists of a new control building, (2) new 40,000 gallon peripheral feed clarifiers, and reconstruction of existing aeration and sludge holding tanks, including all new

aeration system. The new control building houses an influent stair screen, grit classifier, pumps for influent, wastewater, sludge return, and sludge waste, a belt filter press, (5) positive displacement

blowers, a 250 kw emergency generator, and automatic transfer switch. AES Northeast would like to say a special thanks to Resident Project Representative, Glen Porter, for his diligent hard work and attention to detail on this very successful project. The Owner was able to utilize leftover project funds to complete a project to reconstruct the existing control building envelope to reduce operations heating costs.



## Village of Port Henry / Town of Moriah Wastewater Plant Begins Operation

The Wastewater Treatment Plant that jointly serves the communities of Port Henry and Moriah began its operation and the treatment of an average daily sewage of 250,000 gallons a day. The 18-month long project was constructed by (6) Prime Contractors; Tracy Trombley Construction held the General Contract role; LH LaPlante Company held contracts for Plumbing, Heating, and Process Equipment; and Triangle Electric held the Electrical Contract for the project. In May of 2006, soon after the project began, iron ore slag known to be on site was found

to be removed by normal excavation methods and acted as ledge rock. This could have caused a very large change order to the project however, with quick thinking by AES Northeast and extreme cooperation by Tracy Trombley Construction, the

elevation of the plant was redesigned approximately 6 feet higher above Lake Champlain sea level and a minimal change order was written to handle the changes, keeping the project on schedule and still within budget. The new plant includes an

influent stair screen, a series of four influent pumps, a grit collection system, four SBR tanks that treat the wastewater, a belt filter press for compressing sludge and a UV disinfection system that provides final disinfectant before the water is discharged back into Lake Champlain. AES Northeast wishes to thank the WWTP Operator, Mr. Chip Perry for his help in keeping this project on schedule along with Construction Observer, Mr. Carl Ross for his insightful construction knowledge and attention to detail.



## Other Construction Projects Completed Since Last Newsletter...

- Moriah Business Park, Phase I Infrastructure
- Village of Port Henry, Waldo Place Water Reconstruction
- Town of Chateaugay Water & Sewer Improvements
- Village of Keeseville, Sewer System Improvement - Pleasant Street Areas
- North Country School, Camp Treetops, Wastewater Treatment Plant Reconstruction
- SUNY Plattsburgh Banks Hall Roof Replacement
- American Management Association New Call Center Renovation
- SUNY Plattsburgh ADAC Office Renovation

## AES Congratulates...



## AES Welcomes...



## Staff Recognition

### Marc Machabee, LS

AES congratulates Marc Machabee for obtaining his license to practice the profession of Land Surveying in the State of New York. Marc is a 1996 graduate of Paul Smith's College with an Associate's in Applied Science degree in Surveying Technology. After graduation, Marc worked for Conklin and Soroka, Inc. and C.T. Male Associates. Marc completed his 8 year education and internship requirement and qualified to sit for the New York State Land Surveyor's 16 hour exam. We are pleased to announce that Marc passed the exam and is now licensed to practice Land Surveying. This currently brings AES's professional staff to three Licensed Land Surveyors, two Professional Engineers, and one Registered Architect.

### Gregory Swart, Engineer-in-Training (EIT)

Gregory graduated from Gloversville High School in 2003. He then enrolled at the University of Maine, Orono, in the Civil/Environmental Engineering program and graduated in May, 2007. Greg concentrated his studies in the environmental side of civil engineering. He has taken classes in water and wastewater design, environmental chemistry, and hydraulics and solid waste. Greg joined AES in August 2007, bringing with him, not only the background in water and wastewater, but also a strong personal interest in solid waste and recycling.

### Gregg Pawlowski, Survey Technician

Gregg Pawlowski has joined AES as a Surveying Technician Level III. Gregg is a Wanakena Ranger School (SUNY ESF) graduate with an A.A.S. degree in forest technology (with a concentration in surveying). Gregg has extensive experience in the use of GPS, robotic surveying instrument hardware and software, and AutoCAD software. He enjoys canoeing and kayaking in the Adirondacks. Gregg is a welcomed addition to the AES staff.

### Jonathan Lustnader, Engineer-in-Training, EIT

Jonathan graduated from Beekmantown Central School in 2001 before going on to Clarkson University. At Clarkson, he studied Mechanical Engineering, receiving a Bachelor of Science Degree in 2005. Following graduation, he accepted contract work for a calcium carbonate refinery in Vermont as a Mechanical Drafter and Designer. In April 2007, Jonathan came to AES, bringing with him, experience in process piping layout and design that he utilizes in water and wastewater treatment plant projects, and a mechanical background used in the design and specification of HVAC systems for ongoing projects.

### Jeremy Fessette, Architectural & Engineering Designer/Technician

Jeremy graduated from Beekmantown Central School in 2002. An academic student, his studies focused on preparatory courses including several AP courses. Though, he always has time for his favorite pass-time – chess. He was instrumental in organizing a club at Beekmantown and continued to play at Clarkson University where he continued his education. At Clarkson he studied Interdisciplinary Engineering and Management – a cross disciplinary field which explores the complexities of both technical and interpersonal businesses. This made him an ideal candidate for a summer internship with Clinton County Highway Department where he first experienced construction inspection. It was for this that Jeremy was first hired by AES after his graduation in May of 2006. Currently, Jeremy is an Engineering Technician, instrumental in the computer drafting of AES projects.

### Jessica Poirier, Architectural & Engineering Designer/Technician

Jessica graduated from Northeastern Clinton Central School in 2002 where she attended Champlain Valley Educational Services studying Architectural Drafting/Pre-Engineering in 2001 and 2002, her junior and senior years. Jessica was chosen to represent the Modular Home project as the Project Manager rather than taking a work study. Following this experience, Jessica received a 2 Year Degree in Civil Engineering Technology from New York State College of Technology at Canton. She took classes in structural steel, concrete, soil mechanics, strength and materials, and fluid mechanics. Jessica worked at an Engineering firm for one year prior to joining our team.