

PENNSOIL

February 2004

The Newsletter of the
Pennsylvania Association of Professional Soil Scientists
P.O. Box 61035, Harrisburg, PA 17106-1035

2004 PAPSS Board



PAPSS 2004 Board of Directors

President-Bruce P. Willman, CPSSc	Vice President-Russell Llosco, RS, CPSSc
Secretary-Nancy Sansoni	Treasurer-John Hudak, CPSSc
Larry D. Hepper, Jr., CPSSc	Laurel F. Mueller, CPSSc, CPSC, RPSS
Timothy A. Craul, CPSSc	

Contents of this Issue

- 2003 Annual Meeting
- PAPSS Golf Results
- Meet a Member
- Stormwater Management Symposium
- 2004 PAPSS Scholarship applications DUE
- Smithsonian Soils Exhibit
- Soil Stewardship Week
- Soil Science on Vacation
- Soil Taxonomy, 9th Edition
- Urban Soil Quality
- Upcoming Events

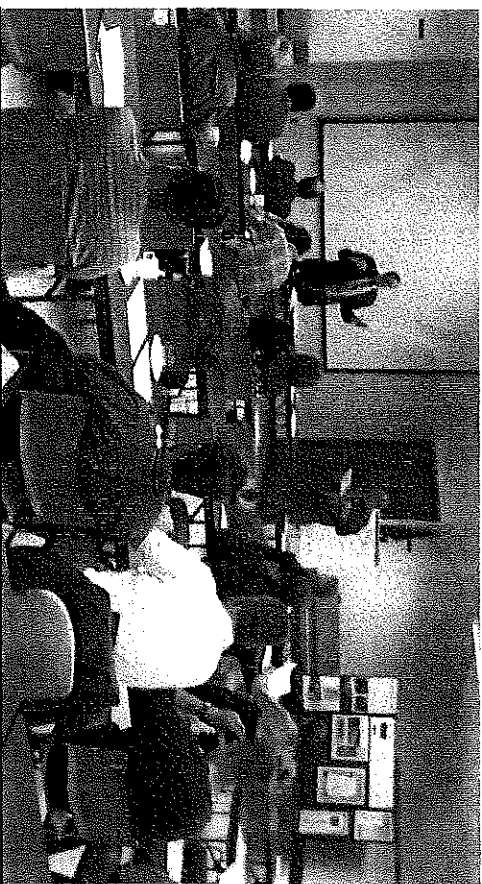
PAPSS
P.O.Box 61035

Harrisburg, PA 17106-1035

MR EDGAR A WHITE JR
5117 CLOVER COURT
HARRISBURG PA 17111

2003 PAPSS Annual Meeting and Technical Session Stormwater Management

On December 12, 2003 the Annual Meeting of PAPSS was held at the Dauphin County Agricultural and Natural Resources Center. About fifty Members and guests attended the session. During the



PAPSS President Bruce Willman, presiding over the Business Meeting

business meeting the Officers reports were given, including the PAPSS Budget and proposed 2004 Budget and dues set for 2004 (same as last year). The new members were introduced (seven new members), Committee reports given and discussed, and suggests accepted for 2004 Technical Workshops. New Business included recruiting of Soil Science students. Dr. David Sylvia, Department Head of Crop and Soil Sciences

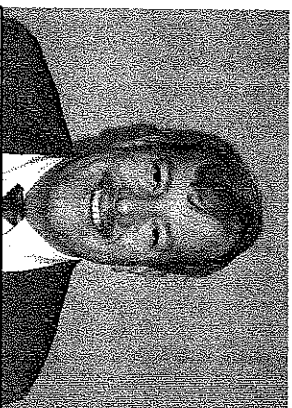


Dr. Sylvia discussing Recruiting materials for Environmental Soil Science Majors- These are now available with the PAPSS Display- Contact a Board Member for more information on the PAPSS Display

at Penn State discussed the need for Soil Scientists to recruit and advertise the interesting and exciting work of Soil Scientists to young people and their parents. He left PAPSS with recruiting posters and a power point presentation on CD-ROM on "Environmental Soil Science-The Best Major You have Never Heard Of." The Penn State Environmental Soil Science web site is: <http://esoiils.psu.edu/> Dr. Sylvia also discussed the need to have Soil Science students to maintain a viable Soil Science Program and the value of PAPSS members to mentor soil science students, hire soil science interns, do outreach and give students experience in careers in Soil Science. (The Delaware Valley College web site for Agronomy and Environmental Science is: <http://campus.devalcol.edu/linded/>)

The Board and Officers were elected for 2004.

The afternoon technical session focused on Stormwater Management. Guest speakers were Dr. Robert Travers, of Villanova University, who discussed the Villanova Urban Stormwater Partnership



Dr Robert Travers

www.engineering.villanova.ce/vusp.html their experiences, research and results in stormwater management studies. Mr. Kenneth Murin, (below on left) PADEP Waterways Division Chief, discussed the Pennsylvania Stormwater Management Program (see www.dep.state.pa.us keyword "stormwater") and Mr. Ray Zomock, P.E. PADEP Soils and Waterways Chief discussed the DEP experiences in Stormwater Management within his region.



Kenneth Murin, DEP Ray Zomock, DEP

If you are a PAPSS member and do not attend the Annual Meetings - You miss a great deal by: not participating in the Association, missing out on great technical

sessions, and networking with other Professional Soil Scientists.

***2004 PAPSS Scholarship Applicants and
University Professors***

**Applications for the 2004 PAPSS \$500.00 Soil
Science Scholarship are DUE March 26, 2004.
The simple application form is on our web site**

www.papss.org

Mail the complete application to : *Pennsylvania
Association of Professional Soil Scientists, P.O. Box
61035 Harrisburg, PA 17106-1035*

PAPSS 2003 Soil Science Scholarship Award Recipient

Thanks PAPSS Members

I want to thank you for choosing me as the 2003 scholarship winner. The scholarship is greatly appreciated, and will help very much when paying for my education. I will also enjoy the student membership.

Thank you again,
Dana Ronyack,
Delaware Valley
College (Editors
Note: Dana is a
sophomore



**Dr. Larry Hepner presenting Dana Ronyack with
the 2003 PAPSS Scholarship Award**

Agronomy and Environmental Science major with a 3.3 GPA and has Dr. Hepner as her advisor, she also has worked for NRCS in the Summer.)

Meet a PAPSS Member – Tom Benusa

HELLO. Many of you probably recognize the picture and some of you even claim to know my name, but lets meet a PAPSS member. My name is Thomas M. Benusa and I live in Wyomissing, PA. I have been married for 17 years and have four children. A daughter, Nicole, a junior at Immaculata University, and three sons, Brian – 15, David – 13, and Matt- 5. Each of them keeps me busy with different perspectives of life. I enjoy playing sports, such as soccer, basketball, baseball, outdoor activities, coaching my son's teams, and generally spending as much time with my family as possible. One thing I have realized with such a wide spread in ages of my children, is how quickly they grow up.



I grew up in the great metropolis of Verona, Pennsylvania. A small town situated on the Allegheny River, about 10 miles northeast of Pittsburgh. After high school, I decided it was time for a change. I knew I wanted to work outside for a living and I enjoyed playing in the dirt. So, I traveled east and attended Delaware Valley College of Science and Agriculture where in 1984, I received a BS degree in Agronomy. After graduating, I spent a few years trying to figure out my position in life. I spent time working in northwestern Massachusetts, Reading/Berks County area and Atlanta, Georgia. I have held positions as a farm field/equipment manager, assistant golf course super., landscape materials/composted sewage sludge sales, crop consultant and soil scientist.

Presently, I work for Evans Mill Environmental as a consulting soil scientist completing site investigation for sewage and stormwater disposal, wetland delineation and high ground water determinations. Personally, I can't imagine any better career in the world. Imagine, we, as soil scientist, get to work the majority of our careers outside. Even though, as I write this, it is the middle of winter, snow on the ground, terrible wind chill, I still can't wait to get out of the office to get down in a hole and get my fingers dirty.

(((((O))))))

PAPSS Web Page shows Large Increase in Hits!

At the Annual Meeting, an annual report on the PAPSS web page was presented. Prior to August 2003, monthly web site hits averaged about 1500. The last each of three months of 2003 the PAPSS web site hits **increased 10 fold** to more than 15,000 per month. About 10 percent of the web site visitors go on to view other PAPSS pages, the most being the PA Soil Survey Archive list, the Consultant List, and the Hazleton Page. If you are creative and interested in providing input into the PAPSS web page, from either a design or content perspective, contact NANCY SANSONI (email nsansoni@aol.com). Also be sure PAPSS has your latest email address as many short notice announcements are made through email.

Results from the PAPSS Fundraising Golf Tournament for the Smithsonian Institute "Soils Sustain Life" Exhibit

Hosted by

The Pennsylvania Association of Professional Soil Scientists

October 25, 2003

Soils Sustain Life Hole Sponsors

DelVal Soil & Environmental Consultants, Inc.,

Doylestown, PA (215)345-5545

Lanchester Soil Consultants, Inc.,

West Grove, PA 19390

(610) 869-3066

Soil Resources, LTD, Harrisburg, PA

(717)652-4605



Pennsylvania One Call System, Inc.

1-800-242-1776

<http://www.paonecall.org/>

Tournament Results

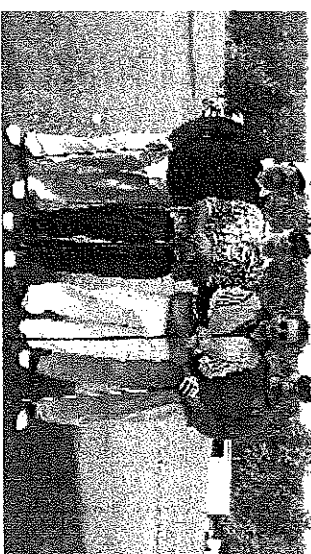
- 1st Place:(61)Mike Baten, Jim Handley, Warren Groff and Charles O'Marr
- 2nd Place:(62)Garland Lipscomb, Jesse, Robert, Rick Kelly
- 3rd Place:(64)Ed White, Eddie White, Doug Rhodes, Brett Rhodes
- 4th Place:(65)Bruce Willman, Kent Willman, Ron Martin Sr., Ron Martin Jr.
- 5th Place:(68)Carl Wagner, Tom Bargman, Hal Eberhard, Steve Bumgardner
- 6th Place:(69)Paul Sansoni, Keith Sansoni, Dan Sullivan, Bruce Sullivan

Prizes Donated by:

Allenberry Resort and Playhouse; Gingerbread Man Restaurants; Rich Valley Golf Course Management; Applebee's Neighborhood Grill & Bar; Bruce Willman, SAIC; Bumble Bee Golf Centers; Ed White, PAPSS; and Manada Golf Course



Winning Foursome at PAPSS Golf Outing



Smithsonian Soils Exhibit

Plans for the Smithsonian Soils Exhibit are moving to the next stage! Several potential exhibit/curriculum module "topics" have been identified, including soil sustainability, food production, soils as life. We are pleased to add Kevin McSweeney to our leadership committee. Dr. McSweeney is Director of the School of Natural Resources at the University of Wisconsin-Madison and is a faculty member in the Soil Science Department.

Our time line is closing rapidly, as the Smithsonian has asked us to reach two fundraising milestones in 2004. \$600,000 is needed this April to offer an exhibit design firm contract, and one million is needed by the end of 2004 to begin exhibit development. **Therefore, we need to move quickly making our funding contacts.**

More than \$350,000 of the one-to-three million dollar goal has been raised to date, and several states have reported success in their efforts towards a \$10,000 combined state sponsorship level.

Congratulations to Missouri, the first to reach this milestone. You may have read about Bill Paul's efforts in the November CSA News.

Other states with significant progress include California, Florida, South Carolina and Pennsylvania. State liaisons have been asking about recognition; most are telling donors that their name will be on the monolith if they donate at least \$1,000 AND the total state donations reach \$10,000. Please contact Valerie Breunig, ASF, with any questions on donor recognition (vbreunig@a-s-f.org or 608-273-8090, ext. 315). You can also contact Valerie if you need an additional copy of the state committee suggested actions document or want her to participate in any teleconferences in your state. If you have suggestions of national

project, please contact Valerie and she can forward them information.

Starting next year, the Smithsonian has agreed to display one state monolith in order to raise interest in the planned exhibit. If you visit the National Museum of Natural History, look for this monolith and signage near the Hope Diamond.

Thank you to everyone for their support of this exhibit; we'll continue to keep you updated on our progress. You may want to bookmark our web site www.soils.org/smithsonian

Thank you again! -H.H. Cheng, Patrick Drohan, Kevin McSweeney, Smithsonian Soils Exhibit Chairs

PAPSS SMITHSONIAN ACTIVITIES

PAPSS has submitted more than \$2,000 (\$1000 from the PAPSS golf outing, \$1000 from SAIC, plus an anonymous donation) to date for the Pennsylvania State Soil Monolith at the Smithsonian Soils Exhibit. Our State goal is to raise \$10,000. Any Donor giving \$1,000 or more through PAPSS can be listed on the PENNSYLVANIA STATE SOIL MONOLITH DISPLAY at the Smithsonian Soil Exhibit. Expect more information in the mail from PAPSS SOON! To make a donation contact Bruce Willman, PAPSS President.

2003 PENNSYLVANIA STORMWATER MANAGEMENT SYMPOSIUM

Pennsylvania Stormwater Management Symposium was held this year on October 16 - 17, 2003 at Villanova University, hosted by the Department of Civil Engineering. In a rare fit of short-sighted professional enthusiasm, Joe Valentine and I submitted an abstract, and, to my combined delight and horror, it was accepted. In an attempt to gain exposure for the Association, we intentionally listed our professional affiliations in the by-line of the paper as the Pennsylvania Association of Professional Soil Scientists first, with our companies being secondary. We viewed this as an opportunity for reconnaissance and out-reach, and the experience has lead to Dr. Robert Travers, the organizer of the symposium, speaking at our Fall 2003 meeting.

Borrowing part of our title from one of Laurel Mueller's presentations, we entitled the paper "Stormwater Infiltration and the Soil- Landscape Connection." Despite the attempt of Hurricane Isabel to prevent us from meeting our deadline, the paper was submitted on-time and is published in the Proceedings of the Symposium (copies of our paper are available from Joe or myself on request). Joe was unable to attend the Symposium as he was coaching the Delaware Valley College soil judging team at the Northeast

regional competition, so the responsibility of the presentation fell to me. I was prevented from attending the first day of the symposium by a client with a minor crisis but managed to make it for day 2, when our presentation was due. The symposium was very well-run, well-attended, and the presentation was well-received. The power point presentations, including ours, are posted on the website www3.villanova.edu/VUSP/technicaloutreach.html (click on the 2003 PA SVM Papers and Presentations).

During the course of the symposium, it struck me that many of the discussions and presentations involved stormwater infiltration and control of pollutants, however, the attendance was dominated by engineers with relatively few environmental scientists involved. I noticed a significant number of faulty assumptions being made by engineers regarding the nature and significance of the soil as a receiving, filtering, and renovating medium.

It seems to me that this is a forum in which PAPSS should be involved and represented. I have requested that PAPSS be added to the mailing list for the next symposium. I strongly urge the membership of PAPSS to consider submitting abstracts for the next Pennsylvania Stormwater Management Symposium. I further recommend that PAPSS sponsor an exhibit at the next symposium.

DEADLINE FOR REPLACING LARGE-CAPACITY CESSPOOLS APPROACHES

By Michael Lane SE PA PAPSS Reporter

In the year 2000, EPA issued regulations regarding Class V injection wells as part of the Underground Injection Control Program (UIC). Class V wells include septic system wells used to inject the waste or effluent from a multiple dwelling, business establishment, community or regional business establishment septic tank. The UIC requirements do not apply to single family residential septic system wells, nor to non-residential septic system wells which are used solely for the disposal of sanitary waste and have the capacity to serve fewer than 20 persons a day.

The Class V rule banned construction of new large-capacity cesspools (those with the capacity to serve 20 persons per day or more) and issued a date of April 5, 2005 for closure

of all existing large-capacity cesspools. Restaurants, apartments, boarding houses, and hotels connected to a cesspool with the capacity to serve more than 20 persons per day are all subject to the Class V rule. The main difficulty in enforcement is that EPA does not have the resources available to obtain an accurate inventory of all Class V injection wells. Correspondence with the EPA and the PA DEP indicates that strictly enforcing all aspects of this rule and subjecting violators to harsh penalties is not likely. After April 5, 2005, however, all existing large-capacity cesspools will be in violation of federal law.

Closure of a large-capacity cesspool requires notification of the UIC Program for the state in which it is located. The neighboring states of Delaware, Maryland, New Jersey, Ohio, and West Virginia have all taken enforcement responsibility and are to implement their own UIC programs. Pennsylvania and New York have not accepted any responsibility for implementing the program, so all notifications and closure information must be submitted directly to the Regional Office of the EPA.

Options for correcting violations include ceasing operation of the establishment, connection to public sewer, or replacing the cesspool with a permitted septic system. If the user opts to connect to public sewers or to upgrade treatment, they are granted an additional year to close the cesspool. Additional information on the Class V rule can be found at the EPA website <http://www.epa.gov/safewater/uic/c5imp.html>.

Southeast Regional Office Moving to Norristown

The Southeast Regional Office of the PA Department of Environmental Protection is moving from Lee Park in Conshohocken to Norristown in January 2004. The new address is 2 East Main Street, Norristown, PA 19401. The new telephone number is (484) 250-5900.

Department specific phone numbers are:

Air Quality	(484) 250-5920
Environmental Cleanup/Waste Management	(484) 250-5960
Regional Director's Office	(484) 250-5940
Radiation Protection	(484) 250-5950
Water Management	(484) 250-5970

"The Living Soil" is Stewardship Week Theme

The 2004 Soil and Water Stewardship Week observance theme is "The Living Soil." The National Association of Conservation Districts (NACD) selected this theme to help local districts inform the public that each person has an individual responsibility to care for the soil that provides for all life on earth. This is the 49th year NACD has sponsored a national Soil and Water Stewardship Week, which runs each year from the last Sunday in April to the first Sunday in May (April 25- May 2, 2004). The Living Soil will also be the theme of the NACD National Poster Contest.

Information and materials on "The Living Soil" can be found and may be ordered through the NACD web site:
<http://www.nacdnat.org/>

Protecting Urban Soil Quality

The NRCS Soil Quality Institute has developed a draft 20 page document that explains key principles for protecting soil quality during construction projects and provides sample language for writing codes and specifications. This is a draft document and comments are welcome.

Protecting Urban Soil Quality along with other useful Soil Quality information can be obtained from the Land Management and Soil Quality website

http://soils.usda.gov/sqi/soil_quality/land_management
(note what appears to be blanks are underscores- or go to google.com and type in "Protecting Urban Soil Quality" using the quotes).

ESRI offers GIS Grants for 4-H

ESRI, in cooperation with the National 4-H Headquarters, Cooperative Extension (CSREES) and USDA is offering 100 GIS grants for software, training and materials to be awarded to U.S. 4-H clubs completing successful applications. Submission deadline is March 31, 2004. http://www.esri.com/grants/esri/us4h_03085.html
ESRI offers many other GIS grants for conservation, education, and sustainable development. For information go to the above web page.

Additional Grants

Many other organizations offer grants to environmental organizations. The League of Women Voters offers Educational grants for Drinking Water Source Waters and Preventing Nonpoint Source Pollution. See www.pa.lwv.org/wren

Land Conservation Conference to be Held April 2-3

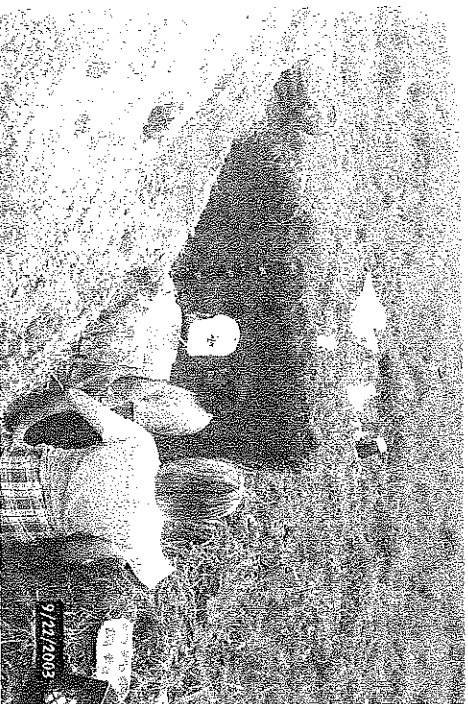
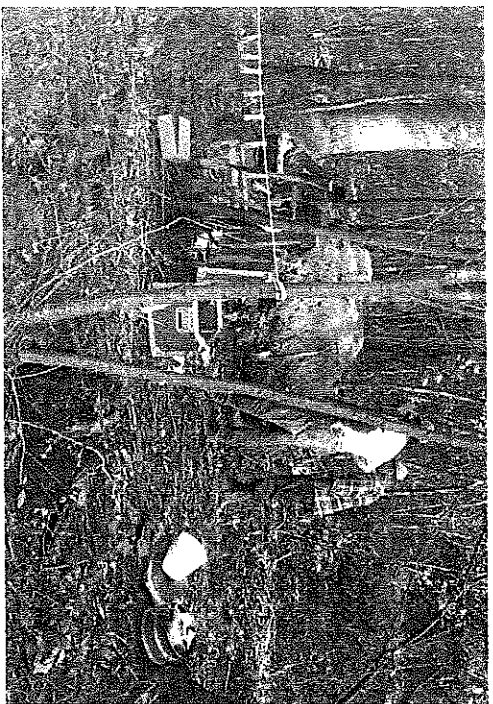
The 2004 Pennsylvania Land Conservation Conference will be held on April 2-3, at the Historic Strasburg Inn, Lancaster County. The two-day conference features four intensive day-long and half-day seminars, field trips, a reception and dinner with Ed McMahon of The Conservation Fund and 17 workshops and roundtables in three concurrent sessions. The plenary speaker Saturday is DCNR Secretary Mike DiBerardinis. The Pennsylvania Land Conservation Conference is Pennsylvania's annual training, networking and inspirational event for those involved with private and public land conservation efforts. The Pennsylvania Land Conservation Conference brings together land trust professionals and volunteers, municipal officials, state agency staff, attorneys, planners and other conservation professionals. The conference offers the opportunity to learn the fundamentals of land conservation and organizational management, delve deeper into land conservation techniques and organizational management and hear the latest on public policy issues and conservation matters.

<> For more information, contact the Pennsylvania Land Trust Association at 717-230-8560. Ask for Donna Morelli or e-mail dmorelli@conserveland.org.

PAPSS Members help with 2006 World Congress Soil

Sampling
PAPSS Members took volunteer time to help with the Soil Description and Sampling for sites that will be showcased at the





2006 World Congress of Soil Science. Dick Crone, Nancy Sansoni, Les Rothermel, Stan Zadrozny, and Charlie Klinger all helped with some or all of the sampling along with NRCs staff John Chibirka, Vicki Meyers, Keferni Kejella, Rob Knight, John Hudak, Ed White, Chris Fabian and Yuri Plowden. The group was lead by John Chibirka.

SOIL SCIENCE ON VACATION

By Russell Losco

A few years ago, my wife, son, daughter and I went on vacation for a week to St. John in the U.S. Virgin Islands. Having lived in the West Indies for several years when I was younger, I can attest that St. John is one of the most beautiful islands, with much of it being National Park. The people are friendly, the scenery is spectacular, the beaches are some of the most beautiful in the world and the climate is wonderful. We stayed at Maho Bay, one of the world's first eco-tourism sites, which is built into the rain forest in such a way as to

impact it the least. The resort recycles nearly everything. Leftover food is composted and used in their vegetable garden, wastewater is recycled to irrigate the garden, and there is a set of shelves near the front desk for departing guests to leave unused items such as books, sun screen, food, etc. The restaurant uses a solar oven and a solar icemaker, among other ingenious innovations.

I've been accused of sometimes enjoying my work too much and more than once been referred to as not just a soil scientist, but a "dirt geek" who can never pass up a chance to examine a soil profile. On this trip, I couldn't help but stop and examine a few road cuts, much to my family's chagrin. One day, near the end of our trip, we visited Cinnamon Bay, a beautiful beach on the north side of the island. While my wife relaxed in the shade and the children played in the water, I took a short walk up the beach. There I encountered an archaeological dig in progress. As my original bachelor's degree is in archaeology, I was intrigued. I approached the excavation and introduced myself. As the dig had no soil scientist, I was made most welcome and in short order I found myself working alongside the head archaeologist.

The site was being excavated, in part, because it was threatened by beach erosion. The pit that I was working in was within 10 feet of the high tide line and was in danger of inundation in any serious storm. One problem faced by the crew was blowing sand, which continually backfilled the pit, one sand grain at a time. Returning from a half hour lunch break would find a layer of fresh aeolian sand about 1/4 - 1/2 inch deep covering the bottom of the pit, making stratigraphic control difficult. At my suggestion, we took some tarpaulins cut some stakes in the rainforest with a machete, and rigged some makeshift "silt fence" (technically, sand fence) which minimized the problem.

Before I was dragged away by my long-suffering wife and children to go to dinner, I spent an enjoyable day excavating a rich cultural site, which yielded a number of significant artifacts from the time period before and up to European contact. At the archaeologist's request, I returned home with a number of soil samples for particle size analysis. Helping at this dig was one of the high points of the vacation, not just because I revisited my younger days and a profession that I trained for then abandoned over 20 years ago, but

because I was able to contribute my skills to a group of professionals who were in need and have a good time while doing so. The crew was kind enough to post a "thank you" on their website for my help.

I relate this incident, not just as a story that is fun to tell, but because of a valuable lesson learned. When I introduced myself to the head archaeologist, among his questions to me were, "How long are you staying?" Unfortunately, I was leaving the island within 48 hours. It seems that the dig was offering free room and board at Cinnamon Bay, in accommodations comparable to the ones for which I was paying good money, to any professionals in a related field who were willing to donate some of their time helping out on the project. When I returned home and related the story to my accountant, he pointed out that, if I had done some simple research in advance of the trip, contacted the dig, offered my services in advance and had them accepted, that, not only would our room and board have been provided, but I might have been able to pay for part of the trip as a business expense and claimed part as a charitable contribution.

With this in mind, I may never look at vacation planning the same way again. Later this year, my son and I, along with four others, are traveling to Alaska for two weeks of fishing and sightseeing. Unknown to them, I've already sent an email to the Alaska-Yukon Association of Professional Soil Scientists and am searching the internet for word of any archaeological digs in the areas that we'll be visiting.

Ninth Edition of "Keys to Soil Taxonomy" Released

The National Soil Survey Center Staff and the National Cooperative Soil Survey Regional Soil Taxonomy Committees reviewed over 50 proposals for revising Soil Taxonomy. These proposals, submitted since the "Keys to Soil Taxonomy" was last published in 1998, originated predominately from field soil scientists around the country. Many of the proposals were approved, and these changes are included in the new "Keys to Soil Taxonomy, 9th edition." Four new suborders, 11 great groups, and 87 subgroups have been added.

The complete document is available in PDF format (*editors note: its 332 pages*) at: http://soils.usda.gov/technical/classification/tax_keys/. It is suitable for download and printing locally. In the near future, a CD-ROM containing the document, as well as a supply of bound

copies of "Keys to Soil Taxonomy, 9th edition," will be distributed to each state.

For more information, contact:

Craig A. Ditzler
National Soil Survey Center
402-437-4009

craig.ditzler@nssc.nrcs.usda.gov

Act 220 Water Resources Act

During February, Denise Bechdel of the PSU Small Business Development Center is presenting five workshops throughout Pennsylvania regarding Act 220 requirements and registration. This is an excellent opportunity to get the word out to both the agricultural and business community regarding Act 220.

The workshop is entitled, "DEP Act 220- The Water Resources Planning Act Training and Registration Workshop". Representatives from the Penn State University Cooperative Extension Office and DEP Central Office staff, (Water Planning Office and the Water Use Planning and Assessment Section), will be presenting information on Act 220 requirements, who is required to report water use and the registration process, as well as consumptive water use in PA.

Sewage Advisory Committee (SAC)

Meeting Schedule for 2004

Meetings of the Sewage Advisory Committee will begin at 10:00 a.m. in Room 105 of the Rachel Carson State Office Building. The meeting dates are as follows:

March 31, 2004
October 6, 2004

Contact: Jay Africa, Bureau of Water Supply and Wastewater Management, P.O. Box 8774, Harrisburg, PA 17105-8774, 717-787-8184, or e-mail jafrika@state.pa.us.

PAPSS TO DISPLAY AT THE March 2-4, 2004 SEO Conference in Grantville, PA

This year PAPSS will again have a booth at the SEO Conference in Grantville, PA. Staffing and help with the display is still needed- contact Bruce Willman. Information on upcoming SEO training and other useful information can be found on the following web sites of PSATS

www.pasats.org

<http://www.psats.org/seocont.html>

<http://www.psats.org/seo.html>

2004 Pennsylvania Envirothon University of Pittsburgh at Johnstown

Monday, May 24-25, 2004

Mark your Calendars for the 21st Pennsylvania Envirothon. More that 320 students and advisors from schools representing 64 counties will participate in the Pennsylvania Envirothon. If you have not participated in an Envirothon, you need to find out what you are missing. Jake Eckemrode and John Hudak, who lead the Soils and Land Use station activities, **need help** from other soil scientists this year for both the Contest and the Advisors Activities. This is a great way to interest some of the best High School Students to further pursue the study of soils and educate many others. Contact Jake Eckemrode (jakee@adelphia.net) for more information and to offer your assistance.

<http://www.envirothonpa.org/soils.shtml>

**Information for our PENNSOIL
Newsletter can be submitted at any
time to: edgar.white4@verizon.net**

REMINDER - PAPSS DUES

PAPSS Dues for 2004:

Professional Member - \$25.00

Apprentice or Associate Member - \$20.00

Student Member - \$10.00

Payment must be received by **March 1, 2004** to remain active and in good standing in the association. Membership will be dropped if dues not received by May 1. Re-admission to the association requires complete new application submission.

**SPACE IS AVAILABLE IN THE
PENNSOIL NEWSLETTER FOR
ADVERTISEMENTS AND JOB
ANNOUNCEMENTS UPON
BOARD APPROVAL.
CONTACT BRUCE WILLMAN
FOR MORE INFORMATION**

Cut and Save these Contacts:

2004 PAPSS CONTACTS:

Bruce Willman, President, 717-901-8838

email: Bruce.P.Willman@saic.com

Russ Losco, VP, 610-869-3066

email: soildude@comcast.net

Nancy Sansoni, Sec., 610-701-7287

email: nsansoni@aol.com

John Hudak, Treas. 717-237-2232

email: john.hudak@pa.usda.gov