1994 Officers and Board of Directors

President: John R. Hudak (Board 1993-95)
Vice President: Jonathan Pollack (Board 1993-95)
Secretary: Mallory N. Gilbert (Board 1992-94)
Treasurer: Bruce P. Willman (Board 1994-96)
Board Member: Mark S. Mills (Board 1993-95)
Board Member: Paul Golrick (Board 1994-96)
Board Member: E. Lester Rothermel (Board 1993-95)

PAPSS
SPRING TECHNICAL MEETING

"Hydraulic Conductivity"

JUNE 10 & 11, 1994, at the Penn State University University Park Campus

Talks are planned on Soil Permeability Testing and Field Measurement Techniques. The Saturday session is planned to be a field demonstration of various instruments including the following:

1) Guelph Permeameter
2) Compact Constant Head Permeameter
3) Botwell Permeameter
4) Double Ring Infiltrometer

ADDITIONAL DETAILS AND REGISTRATION MATERIALS WILL FOLLOW. IF YOU HAVE ANY SUGGESTIONS, PLEASE CONTACT JOHN HUDAK AT 814-865-2306.
PAPSS 1993 ANNUAL MEETING  Submitted by : Mark B. Mills

Mifflintown, PA
December 10, 1993

Last year's Annual Meeting was held at the Family House Restaurant in Mifflintown on December 10, 1993. The annual business meeting was conducted, elections were held and a roundtable discussion regarding "The Future of Soil Science in PA" was presented.

During the business meeting, several important issues were addressed. Pending legislation which directly impacts soil scientists (House Bill No's. 40 and 1939) was discussed. The award of a $100 grant by the scholarship Committee was announced, and the amount of the grant for 1994 was unanimously increased to $300. A Consultant's List update was provided, and the photo contest was postponed for further review.

Administrative responsibilities and costs were summarized, and the excessive demands often placed on a limited number of volunteers were lamented. The sustained growth of the organization appears entirely dependent upon the limited energy of a few reliable persons who regularly donate their time. The need for increased member input was stressed, with an emphasis upon the advancement of the organization as a body of professionals dedicated to their trade.

Two Board of Directors positions were filled, and officers were elected for 1994. Bruce P. Willman and Paul Golrick were elected to serve on the Board of Directors for the next three years. John R. Hudak and Jonathan Pollack were elected President and Vice President, respectively. Mallory Gilbert (Secretary) and Mr. Willman (Treasurer) were each re-elected, and cited for continued exemplary service to the organization. Mr. Golrick, Mark B. Mills an E. Lester Rothermel will serve as Board Members at large in 1994.

Tentative technical session and field trip topics were solicited from those in attendance. Based upon last year's agenda questionnaire responses, permeability testing was the only dominant issue yet to be presented. Consequently, a 1994 Technical Session and Field Trip will be held in State College, PA. In-situ methods will likely be contrasted in varying soil conditions at the PSU Agronomy Farm. Future technical sessions and trips will be subject to the responses received by the general membership in the accompanying "Program Questionnaire" provided with this announcement.

The role of the soil scientist, as well as the future direction of PAPSS, was openly addressed during the afternoon's roundtable discussion. "The Future of Soil Science in PA" was explored, by evaluating the needs and interests of professional soil scientists in various disciplines. Although strongly advocated by many within the organization, the majority of those in attendance seemed to be uncertain about the role of PAPSS in pursuing a registration of soil scientist in Pennsylvania. This appears to be due to the broad composition of our membership which includes state, federal and university personnel, as well as private consultants.

The fact that the majority of soil profile descriptions prepared in Pennsylvania are being provided by untrained and unqualified individuals was discussed. The often conflicting challenges associated with promoting both soil science and the professional were debated. The need for soil scientists to provide required technical data in a proper format was stressed. Opinions were exchanged freely and individuals were made aware of shortcomings and frustrations that commonly confront soil scientists working in the Commonwealth. Unfortunately, a presentation by Ed A. White on "Trends in Soil Science" did not receive the full attention it deserved.
Discussion of SEO's and Soil Scientists at Annual Meeting at Family Restaurant, Mifflintown on December 10, 1993.............

One of the topics discussed at the annual meeting in December 1993 was the possibility of the SEO being a person having soil science expertise as per the revising of the Sewage Facilities Act and accompanying regulations. The soils training that the SEO's received after passing the certification exam was not to make Soil Scientists out of them. Instead, it was intended to train them to recognize limiting zones as they were defined in Chapter 73 of the Rules and Regulations.

The training materials and the discussion of soils in Chapter 5 of the SEO Manual was to be background information for their benefit and understanding of the soils role in renovating sewage effluent. One needs to remember that an appendix at the end of Chapter 73 contained several groups of soils that were similar in depth to rock formations, depth to drainage mottles, soils that were deep with rapid internal drainage, or floodplain soils. The listing of these groups of soils was to assist the SEO in interpreting the results of his soil profile description.

It was intended (that there be) periodic additional training of SEO's by the Department, but no guidelines for the training were ever really developed. As regionalization of Department functions developed, some regions have spent considerable staff time and effort in such training. However, since no funds were ever specifically appropriated for it, training was included in program plans only when funds were left unused at the end of the budget year. Participation by SEO's was mixed because it was not a reimbursable item for the Local Agency at reimbursement time. Some SEO's attended all of the training sessions held in the respective regions and some never attended.

The original intent of the soils training is still in place; but under the new focus direction of the Department, the source of assistance in interpretation of soils at problem sites will need to come from sources other than Department personnel. The above will be the norm, particularly at permitting time. The Department's presence in the field for subdivisions of less than 10 lots where a Component I Module can be used will be reduced. The Department's field presence for large subdivisions and those where a Component II Module is used will remain the same.

Thus, the training of SEO's in soil science was not intended to make soil scientists out of them but was intended to teach them to recognize limiting zones as they relate to suitability for permit issuance for an on lot sewage system.

PAPSS PUBLICATION (PUBLICITY) COMMITTEE -- (Formed to Develop Displays and Materials to Promote the Pennsylvania Association of Professional Soil Scientists.)

At the 1993 PAPSS Winter Meeting a Publication Committee was formed to develop materials and/or a display to use to promote PAPSS and professional soil science (may sideline as fund raising materials). The Committee will be chaired by Ed White, SCS-Harrisburg; with Nelson Thurman, PSU, and Patricia Peck, DER as committee members. Ed White and Nelson Thurman met at Penn State on February 2nd to discuss ideas. While this year's wonderful winter weather kept Patricia Peck away, the committee plans to meet monthly on a rotating basis so that everyone has the opportunity to face the icy roads. The committee has tentatively decided to focus on developing a traveling display that can be used at shows, conferences, and other events. Your creative ideas are welcomed (as is your help). Contact Ed White (717-782-3439), Patricia Peck (717-826-2516) or Nelson Thurman (84-863-2345) with your ideas and input. Other creative and interested members are needed and asked to join the committee. We also are seeking ideas and input from all our members. (ANY VOLUNTEERS???)
**** PHOTO CONTEST ****

The PUBLICATION COMMITTEE will need slides and photos for any display or publication so PLEASE - send in any good soil profiles, landscapes, of soil scientists at work to PAPSS. You will be given credit for the materials, have a chance to win a cash prize, and make a lasting contribution to YOUR organization. You should send copies or specify that originals are to be returned (so we can copy and return the originals to you. If you want to copy your best slides or photos on your own (to assure they don't get lost), PAPSS will reimburse you for a reasonable copying cost.

**** CURRENT IDEAS FOR PAPSS PROMOTION ****

The following are some of the ideas the committee members and PAPSS members have discussed:

COMPUTER BASED MULTIMEDIA DISPLAY - Where Soil Profiles, Digitized Soil Maps, Soil Data and Interpretations, and Lab Data are packaged for use (STATSO - The digitized State General Soil Map) could be used as a basis for this.

SOILS OF PENNSYLVANIA PUBLICATION - a cooperative project between PAPSS, SCS, PSU, Delaware Valley in which the "Soils of Pennsylvania" publication is redone, include color photos of the soils, lab data, landscapes, etc. Could be sold to schools, conservation districts, as educational materials, etc. (Grants may be available to assist in this development).

TRAVELING DISPLAY - A professional display of either Pennsylvania soils or PAPSS to use at shows and events, i.e. Farm Show, Township Supervisors Convention, Ag Progress Days, SEO Conference, etc.

PAPSS PAMPHLET - On the Professional of Soil Science that promotes PAPSS, its member etc.

SOIL SCIENCE VIDEO of Soils or Soil Science in Pennsylvania (Grants possible).

You can see we have some pretty ambitious ideas, and WE NEED YOUR HELP. WE WANT YOUR IDEAS. DO YOU HAVE ARTISTIC TALENT? A LOT OF PHOTOGRAPHYS? GOOD IDEAS? SOME TIME TO SPARE? If so, contact ED WHITE (717)782-3439, NELSON THURMAN (814)863-2345, or PATRICIA PECK (717)826-2516 and join the committee or give us your ideas.

News from Penn State Submitted by Ed Ciolkosz and Nelson Thurman

Drs. Frank Calhoun, Jerry Bigham, Neil Smeck, and George Hall of the Ohio State University Agronomy Dept. recently visited the Agronomy Department's Soil Characterization Lab. Ohio State is interested in organizing their soil characterization data. After viewing a demonstration of the Penn State Characterization Database system, the Ohio State group decided to adopt the Penn State system for their data needs. The Penn State system and Penn State data are also being used by the USDA Northeast Watershed group and the USDA Soil Conservation Service in Harrisburg. The Ohio State group also visited the department's Land Analysis Lab and were very impressed with the array of projects the lab has completed and that the lab is actively working on. In particular, the Ohio State group was interested in the Global Positioning System (GPS) base station the lab has established and how this base station can

(continued on Page 5)
increase the accuracy of measurements made with field GPS units. Dr. Bill Waltman (Penn State Ph.D. graduate of 1985) also recently visited the Department. Bill is a research soil scientist for the USDA Soil Conservation Service in Lincoln Nebraska. The purpose of Bill’s visit was to work with Ed Ciolkosz on a climatic atlas of Pennsylvania. The atlas will provide weather station data and soil moisture and soil temperature regime data for the state. It is hoped that the atlas will be published later this year. A second purpose of Bill’s visit was to work with John Hudak on the installation of GRASS (the Federal government’s GIS system) in the Land Analysis Lab. In addition, Bill installed some specialized GRASS software he developed for Pennsylvania.

The Soil Characterization Lab is busy with three projects:

The effectiveness of bulk density as an indicator of fragipan expression is being evaluated for 140 field-identified fragipans. Differences in expression between the first and lower fragipan horizons and between parent materials are reflected by differences in bulk density. In general the bulk density of fragipans in relation to parent materials is as follows: glacial till > colluvium > old alluvium (terrace) > loess. The lower bulk density of the first vs. the lower fragipan horizons support the Penn State model of fragipan genesis which indicates that once the fragipan forms, it starts to degrade from the top downward. The lack of a strong relationship between bulk density and particle size distribution in the fragipans of Pennsylvania was noted and suggested that particle arrangement and/or cementing agents have a great impact on fragipan density.

The second study investigated the relationship of organic carbon content to color, texture, parent material, and drainage class in surface soils in Pennsylvania. There is a strong relationship between color and organic carbon content, but if the hue and chroma of soil are known, the additional factors do not improve the prediction of the organic carbon content greatly.

Finally, chemical reducing agents are being added to red and brown Wisconsinan till and pre-Wisconsinan till soil materials to simulate color reduction (mottle formation). As expected, the red parent materials are more resistant to color change than are the brown parent materials. Interestingly, the red colors formed by pedogenesis (pre-Wisconsinan soils) are the most resistant to color change. Redox measurements will be used to relate these results to field conditions.

A journal paper is being prepared for publication on the fragipan study and Penn State Agronomy Series papers will be published on the organic carbon-color and redox studies.

PAPSS SCHOLARSHIP AWARDED

The first annual PAPSS Scholarship award was awarded to Tracy Margaret Szathmary, a sophomore at Penn State majoring in Soil Science with a minor in Ag Engineering.

Congratulations Tracy!!!

UPDATED MARBUT SLIDE SET AVAILABLE

For 25 years, the Marbut Memorial Slide Set has been widely used to illustrate various aspects of soil morphology, genesis, and classification. Since the original release of the set in 1968, however, many changes have been made to soil taxonomy. In order to reflect these changes, the Soil Science Society of America has updated the narrative to include all horizon nomenclature and soil classifications changes through the fifth edition of Keys to Soil Taxonomy. Updated versions of the narrative area available for $5 from the SSSA, 677 South Segoe Road, Madison, WI, 53711-1086. Phone (608) 273-8080. The entire slide set, including the updated narrative, is available for $30.
Penn State reminds us that there are a variety of Agronomy Department Series publications available for nominal cost. Given below is a list of the available publications and their cost. Make checks payable to the Penn State Agronomy Department, and send to Ed Ciolkosz, 116 ASI Bldg., University Park, PA, 16802.

No. 64 1980. Soils and Geology of Nittany Valley. $3.00
No. 92 1986. Periglacial Features in Pennsylvania. $2.00
No. 95 1987. Location and Distribution of Soils of the World, United States, and Pennsylvania. $2.00

No. 100 1988. Paleosols in Pennsylvania. $2.00
No. 103 1989. Distribution of Soils of the Northeastern United States. $2.00
No. 105 1989. Amorphous Material in Pennsylvania Soils. $2.00
No. 108 1990. Color and Mottling in Pennsylvania Soils. $2.00
No. 119 1992. Fragipans in Pennsylvania Soils. $2.00
No. 120 1992. Central Application Periglacial Geomorphology: A Field Excursion Guidebook. $12.00
No. 125 1993. Frost Action Environments. $3.00
No. 126 1993. Total Elemental Analysis of Pennsylvania Soils. $2.00
No. 127 1993. Iron and Aluminum in Pennsylvania Soils. $2.00
No. 128 1993. Metals in Pennsylvania Soils. $2.00
No. 112 1991. Pennsylvania State University Soil Characterization Laboratory Data Summary for Standard Samples. $2.00
No. 117 1994. Pennsylvania State University Soil Characterization Laboratory Methods Manual. $5.00
No. 118 1992. A Comparison of Soil Characterization Laboratory Methods. $2.00
No. 124 1992. Pennsylvania State University Soil Characterization Laboratory Database System. $3.00
PENN STATE WINS 1993 NORTHEAST REGIONAL SOIL JUDGING CONTEST

The Penn State Soil Judging Team won the 1993 Northeast Regional Soil Judging Contest on October 23, 1993. Twelve teams and 46 students from Cornell University, University of Maryland, University of New Hampshire, University of Rhode Island, Delaware Valley College, and Penn State were treated to the soils and landscapes of the Ridge and Valley in Rock Springs, PA. The three Penn State teams, coached by PAPSS member Nelson Thurman, finished first, fourth, and fifth. Cornell finished second and Maryland took third place. Delaware Valley College, coached by PAPSS member Joe Valentine, placed fifth among the competing schools.

Penn State's Chris Manns finished second among individual contestants, only 1 point behind first place finisher Mary Strynar of Rhode Island. Other top Pennsylvania finishers include Jim Gezik (Penn State, sixth place), Rich Stern (Delaware Valley, eighth place), and Russ Losco (Delaware Valley) and Dristin Korutz (Penn State), who tied for tenth.

Special thanks go to Ray Shipp, now retired to "sunny" Canada, who put together a well-run, enjoyable, and educational contest.

Penn State now qualifies for the National Soil Judging Contest, which will be hosted by the University of Maryland along Maryland's eastern shore on April 15, 1994.

ALMOST HEAVEN.......... 54th ANNUAL N.E. FOREST SOILS CONFERENCE TO BE HELD IN "WILD, WONDERFUL" WEST VIRGINIA

Plans for the 1994 Northeastern Forest Soils Conference are well underway. The planning committee has set the dates of June 19-21, 1994 for this year's meeting. We will be viewing soils and forestry in West Virginia - a state with a great variety of landscapes, soils, and forest types. We will convene near the center of the state at Jackson's Mill, then tour the western and central part of the state looking at the red clay soils in the west and the problems related to BMP's. Also included will be a discussion of wetland creation in response to road construction. We will visit mine land reclamation projects and of course, head east to the Monongahela National Forest. A trip to the historic logging town of Cass and a dinner trip up the mountain on an authentic steam-driven Shay locomotive are also planned.

We will be looking forward to a great conference, true to the tradition carried on so well by the 1993 conference. We will have lots of soil pits, lots of time in the field, and as usual, lots of fun and good discussion. If you're interested in attending, please send your name, address, and phone number to: N.E. Forest Soils Tour, c/o Mary Beth Adams, USDA Forest Service, Timber and Watershed Laboratory, Parsons, WV, 26287. (Reprinted from Volume 17, Number 4 of the SSSSNE "Spade & Auger").

PENNSYLVANIA RIVERS CONFERENCE SLATED FOR JUNE 1994

Harrisburg-- The Department of Environmental Resources (DER) and the Department of Community Affairs (DCA) will host a three-day conference on the direction of Pennsylvania's river conservation initiatives into the next century, June 20-22, at the Harrisburg Hilton.

The Pennsylvania Rivers 2000 Conference, "Building Partnerships for River Conservation," will present

(Continued on Page 8)
technical and educational topics to guide interested individuals in river conservation strategies and objectives.

The conference will feature discussion by all participants on how business, industry, agricultural and community leaders can work together to enhance Pennsylvania's river resources. Participants will attend case studies whose partnership efforts have lead to the conservation of rivers and river values.

Conference attendees also will be able to exchange ideas on the future of river conservation in focus groups on the final day of the conference.

More than 50 regional, state and national experts in river conservation, water resources and the environment are scheduled to participate in panel discussions, lectures and focus groups.

The conference will be kicked off with an evening welcome reception on June 19.

For more information about the conference, contact (814) 234-4272.

---

**HEY YOU!!!!! Dirt Dauber!!!!!!**

**IF YOU HAVEN’T ALREADY PAID YOUR 1994 PAPSS DUES, CONSIDER THIS A......**

**FRIENDLY REMINDER....PAY UP! (please)**

(or we’ll be forced to send out Bubba to visit you with his Dutch Auger and Split-spoon sampler!!)

As the enclosed 1994 PAPSS Budget points out, PAPSS will soon be operating like the Federal Government.....in the RED. So, until we can revisit the issues of raising dues, fund raising, (or finding someone on the board of a sleazy S&L who is willing to funnel illicit funds to our treasurer for laundering), ........we need your $$$$$$ !!!!!!!

**Please send your dues payments to the attention of:**

Mr. Bruce Willman  
R.E. Wright Associates Inc.  
3240 School House Road  
Middletown, PA 17057-3595
REMINDER. . . . . .

Please Fill Out the Enclosed 1994 PROGRAM QUESTIONNAIRE and return it by March 31, 1994.

THANKS. YOUR INPUT AND SUGGESTIONS WILL BE GREATLY APPRECIATED.

THE FAR SIDE
By GARY LARSON

"You little softies! When I was your age, I had to crawl 14 inches to the surface and back! Every day! ... Through hardpan, by thunder!"

Editor's Note: As Soil Scientists we should be flattered with Gary Larson’s light-hearted tongue-in-cheek promotion of our discipline (albeit, somewhat round about). That is precisely why we will forgive his use of the the dreaded "H" - word in the above comic!!!

FOR YOUR INFORMATION. . . . . . We have also included a recent listing of publications that are available from SSSA.

Hope to see you at the JUNE TECHNICAL MEETING!!!

Soil Science Society of America

For free brochures on Society publications, send this form to:
SSSA Headquarters Office
Attn: Keith R. Schlesinger
677 South Segoe Road
Madison, WI 53711-1086

FAX: (608) 273-2021

Please send me information on ordering these publications:

- Universal Soil Loss Equation: Past, Present, and Future, No. 8
- Water Potential Relations in Soil Microbiology, No. 9
- Acid Sulfate Weathering, No. 10
- Chemical Mobility and Reactivity in Soil Systems, No. 11
- Land Use Planning Techniques and Policies, No. 12
- Erosion and Productivity of Soils Containing Rock Fragments, No. 13
- Soil Micromorphology and Soil Classification, No. 15
- Mineral Classification of Soils, No. 16
- Interactions of Soil Minerals with Natural Organics and Microbes, No. 17
- Field Measurement of Dinitrogen Fixation and Denitrification, No. 18
- Soil Fertility and Organic Matter as Critical Components of Production Systems, No. 19
- Soil Survey Techniques, No. 20
- Soil Testing: Sampling, Correlation, Calibration, and Interpretation, No. 21
- Reactions and Movement of Organic Chemicals in Soils, No. 22
- Selenium in Agriculture and the Environment, No. 23
- Fragipans: Their Occurrence, Classification, and Genesis, No. 24
- Scaling in Soil Physics: Principles and Applications, No. 25
- Occurrence, Characteristics, and Genesis of Carbonate, Gypsum, and Silica Accumulations in Soils, No. 26
- Rates of Soil Chemical Processes, No. 27
- Spatial Variabilities of Soils and Landforms, No. 28
- Myths and Science of Soils of the Tropics, No. 29
- Advances in Measurement of Soil Physical Properties: Bringing Theory into Practice, No. 30
- Soil Color, No. 31
- Sorption and Degradation of Pesticides and Organic Chemicals in Soil, No. 32
- Factors of Soil Formation: A Fiftieth Anniversary Retrospective, No. 33
- Whole Regolith Pedology, No. 34
- Defining Soil Quality for a Sustainable Environment, No. 35
- Tomography of Soil-Water-Root Processes, No. 36
- Soil Science Education: Philosophy and Perspectives, No. 37
- Chemical Equilibrium and Reaction Models, No. 38

Name ____________________________________________
Address ____________________________________________
______________________________________________________________________________
City ____________________________________________ Zip/Postal Code __________
State/Province ____________________________________________
Country ____________________________________________

### PAPSS Treasurer's Report for 1993
#### December 31, 1993

**January 1993 Beginning Balance**
- Checking Account: $1,190.59
- Certificate of Deposit: $5,000.00
- **TOTAL**: $6,190.59

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<td>1993 Meetings/Field Trips</td>
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<td>January 22, 1993 Meeting in State College, PA</td>
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<td>June 11-12, 1993 Meeting/Field Trip in Chester County, PA</td>
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<td>October 9-10, 1993 Meeting/Field Trip in Williamsport, PA</td>
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<td><strong>Subtotal</strong></td>
<td>$5,362.50</td>
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**Income**
- Membership Dues (Total for 1993 - $1064) | $1,052.00|
- Application Fees                          | $75.00    |
- PAPSS Consultant’s List Fees (Total rec’d for 1993 listing - $724) | $674.00   |
- 1993 Interest from Certificate of Deposit | $197.50   |
- Transfer from Certificate of Deposit      | $1,000.00 |

**1993 Meeting Registration Fees**
- January 22, 1993 Meeting @ State College, PA | $134.00 |
- June 11-12, 1993 Meeting/Field Trip in Chester County, PA | $705.00 |
- October 9-10, 1993 Technical Session in Williamsport, PA | $1,435.00 |
- December 10, 1993 Meeting in Milltown, PA | $90.00    |
- **Subtotal**                                  | $5,362.50 |

**Balance**
- Checking Account: $389.06
- Certificate of Deposit (8 month at 3.000%;
  matures February 18, 1994) | $4,000.00 |
- **TOTAL**: $4,389.06

Respectfully Submitted,

Bruce P. Willman, Treasurer
### PAPSS PROPOSED BUDGET FOR 1994

<table>
<thead>
<tr>
<th>Proposed/</th>
<th>Projected</th>
</tr>
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<tbody>
<tr>
<td><strong>1994</strong></td>
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#### INCOME

- **Membership Dues**
  - $1,180.00
- **Application Fees**
  - $90.00
- **PAPSS Consultant’s List Fees**
  - $790.00
- **Interest from Certificate of Deposit and/or Savings Account**
  - $120.00
- **Meeting/Seminar/Field Trip Registration Fees**
  - $1,000.00
- **Miscellaneous-Donations**
  - $0.00

**Subtotal** $3,180.00

#### EXPENSES

- **Postal Service (post office box rental)**
  - $35.00
- **Board of Directors Expenses - $50/each**
  - $350.00
- **PennSoil Publication and Mailing Expenses**
  - (Average $400 for each of 4 proposed issues)
    - $1,600.00
- **Consultant’s List - Design Revisions, Printing (2000 copies)**
  - $660.00
- **Mailing**
  - $120.00
- **Committees Expenses - $50/each**
  - $250.00
- **Meeting/Field Trip Expenses**
  - $1,350.00
- **Scholarship Award**
  - $300.00
- **Publicity/Promotional**
  - $500.00

**Subtotal** $5,185.00

#### Year-End Checking Balance

- $404.06

#### Year-End Savings Account Balance

- $0.00

#### Year-End Certificate of Deposit

- $2,000.00

**NET BALANCE/ASSOCIATION ASSETS**

- $2,404.06
### Historical PAPSS Budgets Since 1987

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<tr>
<th>Year</th>
<th>Membership Fees</th>
<th>Applications Fees</th>
<th>PAPSS consultant's List Fees</th>
<th>Interest from certificate of deposit account</th>
<th>Meetings/Registrations, field trip registration fees</th>
<th>Miscellaneous, donations</th>
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#### EXPENSES

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<th>Postal Service (post office box rental)</th>
<th>Board of Directors expenses</th>
<th>Publication and mailing expenses</th>
<th>Consultant's List - Design, printing (100 copies), mailing</th>
<th>Committees expenses</th>
<th>Meeting/Field Trip expenses</th>
<th>PAPSS biennial printing</th>
<th>Membership Lists - Printing and postage</th>
<th>Stationery, supplies</th>
<th>Pen, paper, ink, etc.</th>
<th>Scholarships, donations</th>
<th>Total Expense</th>
</tr>
</thead>
<tbody>
<tr>
<td>1987</td>
<td>$22.00</td>
<td>$22.00</td>
<td>$22.00</td>
<td>$22.00</td>
<td>$22.00</td>
<td>$22.00</td>
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<tr>
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<td>1989</td>
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<tr>
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<td>$1,430.00</td>
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#### Year-End Balances

<table>
<thead>
<tr>
<th>Year</th>
<th>Checking Balance</th>
<th>Savings Account Balance</th>
<th>Certificate of Deposit Balance</th>
<th>Cash</th>
<th>Total</th>
<th>Assets</th>
</tr>
</thead>
<tbody>
<tr>
<td>1987</td>
<td>$573.79</td>
<td>$4,339.26</td>
<td>$1,414.01</td>
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<td>$6,327.05</td>
<td>$4,339.26</td>
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<td>1988</td>
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<td>$3,852.00</td>
<td>$2,000.00</td>
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<tr>
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<td>$1,269.00</td>
<td>$0.00</td>
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<tr>
<td>1990</td>
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<td>$1,233.50</td>
<td>$0.00</td>
<td>$9,601.19</td>
<td>$4,339.26</td>
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PROGRAM QUESTIONNAIRE
PAPSS 1994 AGENDA

In order to appeal to the specific interests of PAPSS members, the Board of Directors and Program Committee would like you to take the time to complete the following brief questionnaire.

The issues listed below are samples of potential Technical Session topics which have been recently proposed at the 1993 Annual Meeting and the first meeting of the 1994 Board of Directors. Most of last year's program was established by responding to the interests of our membership.

Please complete the following questionnaire and return your response no later than March 31, so that your interests may be incorporated into the development of our continuing educational series.

------------------------------------------------------------------------

Please indicate your interest in the following, by checking as many as you like:

____ Colluvial Soils
____ Creation of Wetlands
____ Environmental Site Assessments
____ Expert Testimony
____ Floodplain Soils
____ Geographic Information Systems
____ Hydric Soil Conditions
____ Land Treatment Disposal Manual
____ National Soils Info System
____ Prior Converted Wetlands
____ Redoximorphic Features
____ Registration of Soil Scientists
____ Soils and Bioremediation
____ Taxonomy Update
____ Treatment of Contaminated Soils
____ Wetland Permitting and Regulations

Do you have any additional topics which may interest you?

------------------------------------------------------------------------

Would you like to visit any particular area(s) of the state during our next field trip?

------------------------------------------------------------------------

If you would like to volunteer to assist with any technical sessions, field trips or other programs, please provide your name, address and telephone number.

------------------------------------------------------------------------

Please forward your response by March 31 to:

PAPSS 1994, P. O. Box 223, Harrisburg, PA 17108
"Thanks for your time!"