## **MEETING OF THE BOARD OF DIRECTORS**

# THE AQUATIC PLANT MANAGEMENT SOCIETY, INC.



Little America Hotel Teton Room Salt Lake City, Utah January 28, 2012

#### AGENDA

Meeting of the Board of Directors Little America Hotel Teton Room Salt Lake City, Utah January 28, 2012

~ Continental breakfast provided ~ 7:30 a.m.

8:00 a.m.	Call to Order
10:00 a.m.	Morning Break
12:00 p.m.	Board Room Lunch
1:00 p.m.	Reconvene Board Meeting
2:30 p.m.	Afternoon Break
5:00 p.m.	Adjourn

8:00 a.m. CALL TO ORDER – President Tyler Koschnick

ROLL CALL – Secretary Jeff Schardt Seating of Proxies Recognition of Visitors

**Minutes** from the Board of Directors meetings held July 24 and 27, 2011 and the Annual Business Meeting held July 25, 2012 in Baltimore, Maryland, and subsequent email and teleconference Board of Director votes to be considered and approved by the Board

**REPORT OF THE PRESIDENT** – Tyler Koschnick

**REPORT OF THE TREASURER** – Sherry Whitaker

**REPORT OF THE SECRETARY** – Jeff Schardt

**REPORT OF THE EDITOR** – Rob Richardson

Approval of Officer Reports

#### **COMMITTEE REPORTS**

Awards – Don Doggett Bylaws and Resolutions – Jim Schmidt Education and Outreach – Susan Wilde Exhibits – LeeAnn Glomski Finance – Richard Hinterman Legislative – John Madsen Meeting Planning – Tommy Bowen Membership – John Madsen Nominating – Linda Nelson Past President's Advisory – Linda Nelson Program – Terry Goldsby Publications – Rob Richardson Regional Chapters – Mike Netherland Scholastic Endowment – John Gardner Strategic Planning – John Rodgers Student Affairs – Rebecca Haynie Web Site – Ryan Wersal

#### SPECIAL REPRESENTATIVE REPORTS

AERF – Carlton Layne BASS – Gerald Adrian CAST – Ryan wersal NALMS – Mike Netherland RISE – Joe Bondra Science Policy Director – Lee Van Wychen APMS WebMaster – Dave Petty WSSA – Cody Gray

Approval of Committee and Special Representative Reports

#### **OLD BUSINESS**

#### **NEW BUSINESS**

Consider Associate / Affiliate Sponsorship for AERF Consider \$500 sponsorship level for FL Plant Camp Consider contributing up to \$1,150 to print Herbicide FAQ brochures

5:00 p.m. ADJOURN – President Tyler Koschnick

#### The Aquatic Plant Management Society, Inc. 3909 Halls Ferry Road Vicksburg, MS 39180-6199

#### 2011-2012 Officers and Directors

#### **Officers**

#### **Directors**

**President** - Tyler Koschnick SePRO Corporation

**President Elect** - Terry Goldsby Aqua Services, Inc.

Vice President - Michael Netherland U.S. Army Corps of Engineers, ERDC

**Immediate Past President -** Linda Nelson U.S. Army Corps of Engineers, ERDC

**Treasurer -** Sherry Whitaker U.S. Army Corps of Engineers, ERDC

**Secretary -** Jeffrey Schardt FL Fish & Wildlife Conservation Commission

**Editor -** Robert Richardson North Carolina State University Craig Aguillard Winfield Solutions

John Gardner Aquatic Systems, Inc.

Cody Gray United Phosphorus, Inc.

David A. Isaacs Aquatic Control, Inc.

John Madsen Mississippi State University

Larry McCord Santee Cooper

#### **Student Director**

Nawrocki, Justin North Carolina State University

### 2011-2012 Committee Chairs and Special Representatives

<u>Committee</u>	<u>Chair</u>	<b>Representatives</b>	
Awards	Don Doggett	AERF	Carlton Layne
Bylaws and Resolutions	Jim Schmidt	BASS	Gerald Adrian
Education and Outreach	Susan Wilde	CAST	Ryan Wersal
Exhibits	LeeAnn Glomski	NALMS	Mike Netherland
Finance	Richard Hinterman	RISE	Joe Bondra
Legislative	John Madsen	WSSA	Cody Gray
Meeting Planning	Tommy Bowen	Science Policy Director	Lee Van Wychen
Membership	John Madsen		
Nominating	Linda Nelson		
Past President's Advisory	Linda Nelson		
Program	Terry Goldsby		
Publications	Rob Richardson		
Regional Chapters	Mike Netherland		
Scholastic Endowment	John Gardner		
Strategic Planning	John Rodgers, Jr.		
Student Affairs	Rebecca Haynie		
Web Site	Ryan Wersal		
Newsletter Editor	Chetta Owens		

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#### THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED

#### Minutes of the Board of Directors Meeting July 24, 2011 Hyatt Regency, Baltimore Inner Harbor Baltimore, Maryland

The Board of Directors of the Aquatic Plant Management Society, Inc., met on Sunday, July 24, 2011. President Linda Nelson called the meeting to order at 8:00 a.m.

Officers and Directors present at roll call were:

Linda Nelson, President Tyler Koschnick, President Elect Terry Goldsby, Vice President Greg MacDonald, Immediate Past President Sherry Whitaker, Treasurer Jeff Schardt, Secretary Rob Richardson, Editor Bo Burns, Director Susan Wilde, Director John Gardner, Director Cody Gray, Director Craig Aguillard, Director John Madsen, Director Joe Vassios, Student Director

Others in attendance during portions of the meeting: Gerald Adrian, BASS Representative Tommy Bowen, Meeting Planning Committee Co-chair Don Doggett, Awards Committee Chair Rebecca Haynie, Student Affairs Committee Chair Carlton Layne, AERF Representative

> Ken Manual, Guest - former APMS President Dave Petty, Webmaster Jim Schmidt, Bylaws and Resolutions Committee Chair Donn Shilling, Guest Bill Torres, Meeting Manager

#### MINUTES

The Minutes of the Midwinter Board of Directors meeting held on January 29, 2011, in Baltimore, Maryland were considered by the Board for approval.

Cody Gray motioned the Board to accept the minutes as written. John Madsen seconded the motion. The motion passed without dissenting vote.

#### PRESIDENT'S REPORT

President Linda Nelson referred to her written report. Nelson's biggest task since the Midwinter Board Meeting was to draft a letter, as directed by the Board, to the Assistant Secretary of the Army for Civil Works regarding the importance of continued funding for the US Army Corps of Engineers Aquatic Plant Control Research Program (APCRP) in Vicksburg, MS. Nelson worked with John Madsen and others to draft a joint letter from APMS and the Weed Science Society of America (WSSA). A letter was also sent from each APMS Chapter. Although the response was not positive, the effort raised the level of awareness about the USACE research program.

#### **TREASURER'S REPORT**

Treasurer Sherry Whitaker summarized the account balances. As of July 15, 2011 the General Account had a balance of \$377,906.14 with \$62,796.75 in checking and \$315,109.39 in general investments. The Scholastic Endowment Account had a balance of \$46,837.37 with \$2,347.08 in checking and \$44,490.29 in investments. The combined assets for the APMS total \$424,743.51.

The income and expense reports were reviewed. The APMS had a total income of \$126,720.50 for January1 through July 13, 2011 with expenditures of \$101,522.47, for a net income of \$25,198.03.

Winston, Williams, and Creech, LLP conducted the annual audit of the APMS books and filed federal tax returns for the previous year. Their report is enclosed in the Board Book. There was much discussion on the following statement in the audit report: *"The Society has absent or inadequate segregation of duties within a significant account or process."* This statement has been made before. There is no internal group in APMS to audit or monitor expenditures. A procedure to resolve this issue is for the Finance Committee to audit the books during each Annual Meeting for the prior year. This procedure is already in the Operating Manual, but has not been done on a consistent or regular basis. Nelson and Whittaker will work during the meeting with Finance Committee Chair, Richard Hinterman to ensure this internal audit of the Society's finances is done and documented for the annual audit.

#### **SECRETARY'S REPORT**

Secretary Schardt provided a brief review of his written report. Membership varies throughout the year, but is usually highest around the Annual Meeting. As of the Annual Meeting, APMS membership stood at 271 active members and 60 subscriptions. There are 21 new members so far in 2011; nine are students that presented at the Annual Meeting in Bonita - for which among other rewards, they receive a year's free dues to APMS.

Schardt acknowledged Dave Petty's assistance in collating the Board Reports into a single document and for migrating the APMS database from Access to Excel, making mailing list and label preparation much easier.

#### **EDITOR'S REPORT**

Editor Rob Richardson reported that there have been 61 submissions to the Journal so far this year with an acceptance rate of around 40%. This seems typical for this and similar journals. The Allen Press manuscript submission platform is in place and operational making the Editor's job much more efficient. The July 2010 Journal was mailed in January 2011, and the January 2011 issue was mailed in April. Richardson is targeting September for printing the July issue. The Journal is slowly getting close to on-schedule.

There are now five Associate Editors, speeding the review process. Richardson is still looking for a few more Associate Editors, especially persons with expertise in environmental fate and invertebrates - non-plant management expertise.

Tyler Koschnick motioned the Board to accept the Officer reports. The motion was seconded by Cody Gray. The motion passed without dissenting vote.

#### COMMITTEE AND SPECIAL REPRESENTATIVE REPORTS

<u>Awards:</u> Chair Don Doggett addressed his written report that lists nine persons that will receive awards at the banquet. He discussed the new Awards Nomination Form that is now online on the APMS web site.

There was also discussion on the new award for Outstanding Technical Paper submitted to the Journal. Cody Gray and Rob Richardson are developing draft criteria. Gray described that WSSA associate editors nominate candidates and the Committee votes for the award winner. There were discussions for the Awards Committee to select winners and present that information to the Board. Wilde suggested that the associate editors are more qualified to select a winner than the Awards Committee. Richardson suggested that some of the nominated articles may have been submitted by another associate editor limiting the number of voters for the award if the associate editors or Publications Committee made the final vote. Koschnick suggested that the Board vote for the best paper from nominations from associate editors. Each year's award will be from manuscripts from the previous year. For example the award issued at the 2012 annual meeting will be from articles published in January and July 2011.

The Board seemed to have left this issue with associate editors nominating candidates for the Outstanding Technical Paper Award and forwarding the recommendations to the Awards Committee, the Awards Committee suggests a recipient for the award, and the Board makes a final vote to accept the recommendation from the Awards Committee. The Publications Committee will sort this out with criteria and procedures.

**Bylaws and Resolutions Committee:** Chair Jim Schmidt reviewed the proposed Bylaws and Operating Manual changes that are also presented in his written report. The proposed Bylaws changes were published in the APMS Newsletter 30 days in advance of the annual meeting. Schmidt suggested that each committee review their respective duties to ensure they are in line with what is published in the Operating Manual. Nelson agreed to contact committee chairs and

special representatives with this task. A couple changes were discussed at the meeting related to the Operating Manual including listing the CAST representative term as four years vs. three printed in the Operating Manual, and in the section on Special Representatives, changing "Chairs of Standing Committees" to "Special Representatives".

**Education and Outreach Committee:** Chair Susan Wilde opened by stating that Education and Outreach emphasis should be electronic and the Committee will begin to develop projects for the APMS website. Nelson asked Regional Chapters for input for ideas but has not received ideas as of yet. Nelson also added that the University of Florida sent a thank you letter for the APMS meal sponsorship at the annual Plant Camp aquatic plant management workshop for teachers. CAST sent a thank you letter to APMS for continuing membership with that organization.

Donn Shilling, Chair of the Weed Science Society of America (WSSA) Science Policy Committee addressed the Board regarding several topics.

#### 1) Formula for funding Lee Van Wychen activities in Washington DC

The escrow account that funded Van Wychen had grown to about \$250,000. The WSSA Board decided to revamp the formula, based on contributing society Membership, so that most payments from contributing societies will decline until the escrow account is substantially reduced in about 6-8 years. Since APMS membership has increased, APMS contribution increased proportionately.

#### 2) Restoration of USACE research funding

APMS and WSSA have worked hard to restore research funding; however, the funding for the USACE research does not look good. Shilling reported little to no success in getting support from the MS congressional delegation or USACE leadership.

#### 3) USDA budget reduction

The USDA budget has taken a big reduction and these cuts will likely continue.

#### 4) NISAW

WSSA continues to support National Invasive Species Awareness Week. Van Wychen coordinates Congressional staffers' participation to keep presenting the importance of invasive species and management.

#### 5) NPDES

Van Wychen is working for a legislative fix and keep pesticides regulated under FIFRA and not the Clean Water Act.

#### 6) Spray drift and herbicide resistance management

WSSA is working on spray drift labeling. Van Wychen received a grant from APHIS for a scientific position paper on the resistance of weeds to herbicides - factors driving herbicide resistance. A second paper will be written to address management recommendations.

**Exhibits Committee:** Chair LeeAnn Glomski provided an update of exhibitors at the conference: 25 paid exhibits and 3 non-profit.

**<u>Finance Committee:</u>** No report was submitted. Financial information was presented during the Treasurer's report.

**Legislative Committee:** Chair John Madsen referred to his written report in the Board book. Madsen mentioned that two different people contacted the Mississippi US Senators regarding restoring USACE research funding, but they were not interested in discussion the issue.

<u>Meeting Planning Committee:</u> Tommy Bowen reported for the Meeting Planning Committee. Bowen reiterated that the 2012 meeting is scheduled for July 22-25 at the Little America Hotel in Salt Lake City, UT. A contract has been signed with the Hotel. Bill Torres is already exploring sites for 2013 in San Antonio, TX as directed by the Board.

Bill Torres, Meeting Planner, reported that six hotels on the San Antonio River Walk have responded to his solicitations and five have space available for July 14-17, 2013. Costs range from \$125-\$179 per night. The Hyatt was not available for mid-July, 2013. The Board authorized Torres to conduct site visits only at Hotels directly on the River Walk for the week of July 14-17 and report to the Board via email and teleconference prior to the mid-winter Board Meeting in January 2012.

#### Terry Goldsby motioned the Board to approve Bill Torres's travel expenses to visit sites in San Antonio, TX and recommend sites to the Board for the 2013 Annual Meeting. The motion was seconded by Craig Aguillard. The motion passed without dissenting vote.

Discussion turned to meeting locations (city) for 2014 in the MidSouth Region. The heart of the Region includes Mississippi, Alabama, and Tennessee. Suggestions included, Opryland in Nashville TN, New Orleans, Chattanooga TN, Orange Beach AL, Knoxville TN, and Huntsville AL. Bowen suggested that Torres vet these suggestions with members and check with the Hyatt Hotel Chain during the meeting and report back to the Board for the post-conference Board Meeting.

The Board discussed a meeting location for the mid-winter Board Meeting. Central locations were discussed to save expenses since most Board members are from the east and central US. However, there is value in seeing the meeting location firsthand at the mid-winter Board meeting to prepare for events in July. This will be a two-day meeting for strategic planning during the first day. The Little America Hotel is available for January 27-28 with the 26<sup>th</sup> as a fly in day. Koschnick suggested strategic planning starting at 1:00 pm on Saturday, January 27<sup>th</sup> and extending into the evening (subsequently revised to 8:00 am - 5:00+ pm). The Board meeting will be January 28<sup>th</sup>. Depart on January 29<sup>th</sup>.

Nelson reminded the Board that Bill Torres has negotiated about \$76,000 in savings to APMS for the 2011 Annual Meeting by providing equipment and reducing the amount of food and beverage that is provided during breaks, but often not consumed. He was also instrumental in saving about \$25,000 from the negotiated prices at the 2010 meeting. Savings that far offset expenses for hiring the Meeting Planner. Torres acknowledged the value of monthly teleconferences prior to the Annual Meeting as a way to ensure tasks are getting done and to

provide direction for the Meeting Planner. Nelson presented and discussed a draft contract negotiated between Bill Torres and APMS for Meeting Planning services.

Greg MacDonald motioned the Board to approve the contract as presented by President Nelson between APMS and Florida Event Planning and Management Services July 21<sup>st</sup>, 2011 through December 31<sup>st</sup>, 2013. The motion was seconded by Cody Gray. The motion passed without dissenting vote and Torres and Nelson signed and executed the contract.

<u>Membership Committee:</u> Chair John Madsen discussed that he established a "group "on LinkedIn, a professional social network, with about half of the 140-member group being APMS members. Topics include recommendations regarding weeds, funding, NPDES, etc. Some of the non-APMS members are regional chapter members who will benefit from information shared among participants.

**Nominating Committee:** Chair Greg MacDonald referred to the slate of nominees that was advertised in the Newsletter to fill APMS Board vacancies that will occur after the annual meeting.

Vice President	Mike Netherland
Treasurer	Sherry Whitaker
Director	Larry McCord
Director	David Isaacs

The Nominating Committee worked to fill positions from around the country, especially the west. Budgetary and travel restrictions or other society commitments increase the difficulty in filling the positions.

Past President's Advisory Committee: No report was submitted.

**Program Committee:** Chair Tyler Koschnick distributed meeting Programs and discussed his efforts to seek new presenters at the meeting. The WSSA online abstract submission platform performed well with only one glitch regarding an abstract that was submitted but not received. Duke Energy paid for the Program printing.

The Meeting Theme is "Emerging Threats". Koschnick received 58 abstracts: 11 student presenters and 5 student posters. Registration was waived for six invited speakers. Travel expenses were paid for Lisa Huberty to present information. No papers were rejected - the Program Committee had to solicit papers to fill out the Program. The Program was shortened to  $2^{1}/_{2}$  days vs. 3 days at recent meetings. Poster participation has declined from a high of about 20 in Charleston to 8 at this meeting. The Poster Session gives opportunities to meet with presenters as well as sponsors since the poster session is held in the Exhibit hall.

**<u>Publications Committee:</u>** There was no report in addition to the Editor's report **<u>Regional Chapters Committee:</u>** No written report was submitted. A report will be presented at the post-conference Board Meeting after consulting at the Regional Chapter breakfast. <u>Scholastic Endowment Committee:</u> Chair John Gardner announced that the Silent Auction contributions were up this year - a good outcome for fund raising since there will be no "duck race" this year.

Strategic Planning Committee: No report was submitted. No issues were discussed.

**Student Affairs Committee:** There will be 16 students competing on the Program this year, 11 for the oral presentations and 5 poster presentations. Nine students will participate in the post-conference tour of the Susquehanna Flats on the Chesapeake Bay lead by Mark Lewandowski of Maryland DNR. Rebecca Haynie suggested sending Mark Lewandowski a thank you note for his contribution on the student tour.

There was discussion regarding the relevance and value of the student tour since it requires much work and preparation. The Board decided the tour is worthwhile and depends on the location, venues, and issues that are available locally. Salt Lake City may have irrigation canal system or salt cedar issues for tour subjects. Bill Torres, agreed to assist in his capacity as Meeting Planner in future logistics arrangements for student tours - items like rooms, transportation, etc.

<u>Website Committee:</u> John Madsen presented the Website Committee Report for Chair Ryan Wersal. The APMS Board voted at the 2011 Midwinter Board Meeting to provide up to \$2,000 to the Mississippi State High Performance Computing Collaboratory to upgrade the APMS website. Madsen showed an example of a home page to improve the appearance of the website.

**Student Directort:** Director Brett Bultemeier asked the Board to provide any suggestions to take back to students for consideration and input. It is difficult for students to make in-depth evaluations of APMS if they only attend one meeting.

**Webmaster:** Dave Petty, Webmaster, reported that the switch to the new website design should happen in the next few months. Newsletters are now posted on the website dating back to the early 1970s. Petty discussed scanning Board Book material and saving on CD vs. posting on the website. Minutes are a valuable record to post on the Members only area of the website.

**<u>AERF</u>:** Representative Carlton Layne reported spending most of his time since the past Board Meeting following the progress of NPDES development for applying pesticides to waters of the U.S. Layne also reported that every two years, corresponding with the change of presidents, AERF holds a planning session. A change that will affect APMS is related to funding student initiatives. AERF currently spends between \$40,000 and \$50,000 per year funding student initiatives such as travel stipends, scholarship, etc. among APMS and the Chapters, and the contract with UF. AERF has decided to shift its role from APMS to the Chapters and other University student programs with the rationale that the Chapters are more in need of financial assistance vs. APMS that is in good financial shape. Layne reported that 2011 will likely be the last year that AERF outright funds APMS student initiatives - AERF will entertain funding assistance on a case-by-case basis.

AERF has contributed up to \$20,000 per year on APMS student initiatives that will now need to be funded internally if APMS wants to continue funding at current levels. If APMS considers requesting funds from AERF, the request needs to be made prior to the AERF October Board Meeting. The next cycle for the APMS Research Grant will begin in 2012.

**BASS:** Gerald Adrian provided an update on APMS efforts with BASS. Chris Horton has moved on from BASS Conservation Director, replaced by Noreen Clough, formally with the USFWS and with a knowledgeable understanding of invasive plants like hydrilla and the need for management. The Conservation Director Office will remain in Orlando (Celebration), FL.

The next BassMaster Classic will be held in Shreveport, LA, February 18-20, 2012. The Conservation Directors from each state will attend. BASS has asked AERF and APMS to present information at this meeting and likely sponsor a meal at the session. Adrian estimated the cost to be \$1,500-\$2,000. BASS is also willing to publish articles on invasive plant management issues and is contemplating a meeting in Florida to address invasive plant management.

**<u>CAST</u>**: John Madsen provided a report - his four-year term will end October 11, 2011, and is willing to sign on to another term unless others want to step in. The CAST annual meeting will be held October 19-20 in Ames, IA.

**NALMS:** Chair Mike Netherland submitted a written report for the Board Book. There was no follow-up discussion.

**<u>RISE</u>**: Joe Bondra filed a written report for the Board Book. There was no additional discussion at the meeting.

**WSSA:** Representative Cody Gray provided a written report - most of the topics were also addressed by Donn Shilling during the Education and Outreach Committee Report earlier in the meeting.

Jeff Schardt motioned the Board to approve the Committee and Special Representative Reports. Cody Gray seconded the motion. The motion passed without dissenting vote.

Old Business: No Old Business was addressed.

#### New Business:

There was discussion regarding the Board needing to approve the slate of candidates for Officers and Directors submitted by the Nominating Committee. There is no requirement in the Bylaws for Board approval of the slate prior to publishing in the Newsletter or voting on the floor at the Annual Business Meeting. Board approval is a good check to determine that candidates meet qualifications for various duties and that the slate is advertised on time prior to the Annual Business Meeting. Schmidt suggested advertising for candidates in the Newsletter after the Annual Meeting to assist selection by the Nominating Committee. The Board agreed to put procedures in the Operating Manual that the Board must approve the slate of nominees prior to advertising in the Newsletter.

Greg MacDonald motioned the Board to adjourn the meeting. Joe Vassios seconded the motion. The motion passed without dissenting vote.

The Board Meeting adjourned at 2:50 pm.

#### THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED

#### Minutes of the Annual Business Meeting July 25 2011 Hyatt Regency, Baltimore Inner Harbor Baltimore, Maryland

The Annual Business Meeting of the Aquatic Plant Management Society, Inc. was held on Monday, July 25, 2011. President Linda Nelson called the meeting to order at 4:31 p.m.

#### MINUTES

The Minutes of the 2010 Annual Business Meeting held in Bonita Springs, FL on July 14, 2010, were on display during the conference at the registration desk for review and consideration by the general membership. There was no discussion regarding these Minutes.

#### PRESIDENT'S REPORT

President Nelson welcomed delegates to the 51<sup>th</sup> Annual Meeting of the Aquatic Plant Management Society. Nelson gave her report during opening remarks at the beginning of the Program.

#### **TREASURER'S REPORT**

Treasurer Sherry Whitaker summarized the account balances. As of July 15, 2011 the General Account had a balance of \$377,906.14 with \$62,796.75 in checking and \$315,109.39 in general investments. The Scholastic Endowment Account had a balance of \$46,837.37 with \$2,347.08 in checking and \$44,490.29 in investments. The combined assets for the APMS total \$424,743.51.

#### **SECRETARY'S REPORT**

Secretary Jeff Schardt gave no formal report other than advise that Minutes from the ten previous years are on display at registration desk. Current Membership is 271 in addition to 60 library subscriptions.

#### **EDITOR'S REPORT**

Editor Rob Richardson acknowledged the accomplishments of previous Editor Mike Netherland and thanked authors for submitting articles to the Journal of Aquatic Plant Management (JAPM). Richardson reported that the July 2011 issue of the Journal was late and should be completed by September 2011 and mailed shortly afterwards.

Jim Schmidt motioned to accept the Officer Reports. Terry Goldsby seconded the motion. The motion was approved without dissenting vote.

#### COMMITTEE AND SPECIAL REPRESENTATIVE REPORTS

<u>Awards</u>: Chair Don Doggett announced that criteria for APMS awards are online on the APMS web site and encouraged Members to nominate candidates. He notified Members that APMS has a new award - Outstanding Paper submitted to the Journal of Aquatic Plant Management.

**Bylaws and Resolutions Committee:** Chair Jim Schmidt announced that proposed Bylaws amendments to be approved by the general membership were advertised in the Newsletter. Amendments include: a stipend for the Editor, paying for a meeting planner, and authorization of discretionary funds for the Program Committee Chair to use for issues like invited speakers at the Annual Meeting.

Tommy Bowen motioned that the Bylaws changes as posted in the June Newsletter be accepted. Craig Aguillard seconded the motion. The motion was approved without dissent.

#### Education and Outreach Committee: No report.

**Exhibits Committee:** Chair LeeAnn Glomski reported there are 24 paid and three not for profit displays in the exhibit hall.

#### Finance Committee: No report.

**Legislative Committee:** Chair John Madsen encouraged Members to support email initiatives like requests for action regarding NPDES issues and funding for the US Army Corps of Engineers aquatic plant control research funding.

<u>Meeting Planning Committee:</u> Chair Tommy Bowen encouraged Members to suggest ideas or changes regarding the meeting venue. He announced that the 2012 Annual Meeting will be held July 22-25 in Salt Lake City, UT. Bowen thanked meeting sponsors for their support.

<u>Membership Committee:</u> Chair John Madsen announced that social networking is available via APMS on LinkedIn. The network was formed in March 2011. There are currently 140 members; about half are not APMS Members.

**Nominating Committee:** Chair Greg MacDonald announced that two candidates for two open Director positions (Larry McCord and David Issacs) one candidate for Treasurer (Sherry Whitaker) and one candidate for Vice President (Mike Netherland) were presented in the June Newsletter published more than 30 days prior to the Annual Business Meeting.

John Madsen motioned to close nominations. Tommy Bowen seconded the motion. The motion was approved without dissent.

Tommy Bowen motioned to accept the slate of candidates as submitted for Directors, Treasurer, and Vice President. John Madsen seconded the motion. The motion passed without dissenting vote.

#### Past President's Advisory Committee: No report.

**<u>Program Committee:</u>** Chair Tyler Koschnick reported that online abstract submissions for this year's meeting went smoothly except for one instance.

#### Publications Committee: No report.

**<u>Regional Chapters Committee:</u>** Chair Terry Goldsby announced that the Regional Chapters Meeting would be held at breakfast at 6:30 am the following day.

<u>Scholastic Endowment Committee:</u> Chair John Gardner thanked all contributors and participants in the Silent Auction that generates funds for APMS scholarship activities.

**<u>Strategic Planning Committee:</u>** Chair John Rodgers announced that APMS strategic planning would take place at the Mid-winter Board meeting in Salt Lake City. He asked Members to send him ideas for discussion at the meeting.

#### Student Affairs Committee: No report.

**Website Committee:** Chair Ryan Wersal reported on the redesign for the banner and the buttons on the APMS web site.

AERF: No report.

**BASS:** No report.

**<u>CAST</u>**: Representative John Madsen reported that APMS contributed \$200 to continue membership in CAST. Madsen directed attention to the CAST web site for their reports that are scientific or technical in nature vs. advocacy information.

**<u>NALMS</u>**: Representative Mike Netherland advised that the NALMS Annual Meeting would be held October 25-29 in Spokane, WA.

**<u>RISE:</u>** Information will be provided during Lee VanWychen's presentation during the Program.

WSSA: No report

<u>Science Policy Liaison</u>: Information will be provided during Lee VanWychen's presentation during the Program.

Harry Knight motioned to accept the Committee and Special Representative reports. Terry Goldsby seconded the motion. The motion passed without dissenting vote.

Old Business: None

New Business: None

Harry Knight motioned to adjourn the Annual Business Meeting. Larry McCord seconded the motion. The motion passed without dissenting vote.

The meeting adjourned at 5:00 p.m.

#### THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED

#### Minutes of the Board of Directors Meeting July 27, 2011 Hyatt Regency, Baltimore Inner Harbor Baltimore, Maryland

The Board of Directors of the Aquatic Plant Management Society, Inc., met on Wednesday, July 27, 2011 following the 51<sup>st</sup> Annual Meeting. President Tyler Koschnick called the meeting to order at 12:55 p.m.

Officers and Directors present at roll call were:

Tyler Koschnick, President Terry Goldsby, President Elect Mike Netherland, Vice President Linda Nelson, Immediate Past President Sherry Whitaker, Treasurer Jeff Schardt, Secretary Rob Richardson, Editor John Gardner, Director Cody Gray, Director Craig Aguillard, Director John Madsen, Director David Isaacs, Director

Guests in attendance during portions of the meeting: Tommy Bowen Carlton Layne Ken Manual Bill Torres Vernon Vandiver Lee Van Wychen

#### MINUTES

There were no Minutes to approve.

#### **PRESIDENT'S REPORT**

President Tyler Koschnick recognized new Board Members and thanked all for their work during the Annual Meeting. Koschnick will work to assign committee chairs and fill out committee membership as soon as possible.

Koschnick discussed strategic planning scheduled to begin Friday morning, January 27 in Salt Lake City. John Rodgers suggested he can handle the meeting without a hired facilitator.

Koschnick has been receiving input from APMS Membership. Most Board Members will need to travel January 26. Strategic Planning will occupy the entire day on January 27 and the Board Meeting will be January 28. Members at large that will participate are Bo Burns and Lars Anderson. Although all Board Members are not required to participate in Strategic Planning, all are invited to attend and participate.

#### **TREASURER'S REPORT**

Treasurer Sherry Whitaker had no report but did provide that the Reverse Raffle and the Silent Auction generated \$4,145 and \$3,526, respectively. A total 190 delegates (163) and guests registered for the 51<sup>st</sup> Annual Meeting.

#### SECRETARY'S REPORT

No report.

#### **EDITOR'S REPORT**

No report.

Cody Gray motioned the Board to accept the Officer Reports. Craig Aguillard seconded the motion. The motion passed without dissenting vote.

#### COMMITTEE AND SPECIAL REPRESENTATIVE REPORTS

Awards: No report.

#### Bylaws and Resolutions Committee: No report.

<u>Education and Outreach Committee:</u> John Madsen reported on the meeting held by Committee Members during the conference and listed several projects under consideration by the Committee.

- 1. Amy Richard (University of Florida) is interested in APMS nationalizing the Florida Plant Camp program by developing national standards for teachers to use in invasive plant instruction.
- 2. UF has created an ecosystem management game that they would like to develop into a national perspective.
- 3. Develop an Education and Outreach section for the APMS online magazine when it is initiated.

The Committee had three recommendations:

- 1. The Education and Outreach Committee would like to partner with the UF Center for Aquatic and Invasive Plants (CAIP) to match their grade school curricula to national standards. The curricula include already existing PowerPoint presentations and the APMS Understanding Invasive Aquatic Weeds activity booklet that currently complies with FL state standards.
- 2. The Committee recommends that APMS supports a graduate student supervised by an education professor to research the national education standards to ensure the above curricula are usable on a national level. Estimated cost is \$3,000.
- 3. The Committee should identify the student and professor to ensure they work closely with the Committee and CAIP.

Jeff Schardt motioned the Board that APMS provide up to \$3,000 for a graduate student, supervised by an education professor, to adapt the UF aquatic plant management PowerPoint series and the APMS Understanding Invasive Aquatic Weeds activity booklet to national standards. Linda Nelson seconded the motion. There was discussion that UF and UGA would work out which university will do the work and establish a timeline for completion before APMS commits the funds. The motion passed without dissenting vote.

#### Exhibits Committee: No report.

**<u>Finance Committee:</u>** President Koschnick lead discussion on feedback during the conference that APMS has sufficient funds on hand to sponsor student initiatives without assistance from AERF, allowing AERF to pursue other initiatives.

Pursuant to discussions during the pre-conference Board meeting, Koschnick will confer with Richard Hinterman regarding the need to formalize auditing of the APMS books at the Annual Meeting and for recommending investment changes to the Board in addition to appointing additional members to the Finance Committee to assist in these duties.

#### Legislative Committee: No report.

**Meeting Planning Committee:** Chair Tommy Bowen thanked Meeting Manager Bill Torres for successfully running the meeting. Bowen reiterated that 190 people registered for the meeting. The Committee will provide a detailed budget and accounting for the conference at the Midwinter Board meeting in January, 2012.

Bowen mentioned there will be a tour of the Salt Lake City conference facility during the January 28 Board meeting. Bill Torres will visit facilities in San Antonio in September or October for Board selection of a site for the 2013 Annual Meeting.

The Board considered several locations for the 2014 Annual Meeting in the MidSouth Region including: Chattanooga TN, Nashville TN, Knoxville TN, New Orleans LA, Orange Beach AL, Huntsville AL, Guntersville AL, Savannah GA. The list was narrowed to three sites: Nashville, Savannah, and Chattanooga. The Meeting Planning Committee will discuss this list with members of the MidSouth Regional Chapter and ask for additional suggestions.

# Cody Gray motioned the Board to focus on sites for the 2014 Annual Meeting with preference for Nashville #1, Savannah #2 and Chattanooga #3. Terry Goldsby seconded the motion. The motion passed without dissenting vote.

**Membership Committee:** Attendance was down this year ~ 190 registered; 163 delegates. John Madsen will attempt to survey the Membership regarding attendance at the annual meeting - specifically why people did or did not attend the meeting.

**Nominating Committee:** Chair Linda Nelson advised that the Committee would focus on searching for Director candidates in the Northeast and Texas Regions. The Committee also needs to suggest a candidate for Vice President.

**<u>Past President's Advisory Committee:</u>** Past Presidents were pleased that APMS will address strategic planning at the mid-winter Board Meeting. Concerns include addressing declining membership and sponsorship as well adjusting to the revenue declines from AERF.

**Program Committee:** Some thoughts for subjects for the 2012 Annual Meeting include irrigation and riparian issues. There was also discussion regarding fewer presentations to allow 20-minute vs. 15 minute talks and encourage questions afterwards. This would require strict enforcement to cut off the presentation at 15 minutes and open 5 minutes of discussion.

**Publications Committee:** There was no report, but there was brief discussion on the conceptual APMS online magazine. Time issues with Corps of Engineers funding have delayed Mike Netherland working on the first copy. Netherland will attempt to assemble topics and authors from Florida and the eastern US and suggested others contact remaining representatives from Regional Chapters for subject material and authors for those areas.

**<u>Regional Chapters Committee:</u>** South Florida APMS (SFAPMS) has expressed interest in becoming a Regional Chapter. This group formed in response to hygrophila expanding in Broward County canal systems and has expanded to other weed issues and other areas including Palm Beach and Dade County as well as across the state to Lee County. There was concern that a South Florida APMS Chapter would take away membership from FAPMS.

Many city and county employees in South Florida cannot travel to FAPMS meetings - and FAPMS meetings are usually held outside of South Florida. There do not seem to have been any adverse issues between the two groups during the previous 10 years. Many people serve on SFAPMS and FAPMS Boards and belong to both chapters. SFAPMS has a membership of 125 - FAPMS has 640 members.

The APMS Operating Manual provides guidance for new Chapter consideration under item 4 of the Regional Chapters Committee Duties. The Board asked Vernon Vandiver to consult with Boards of SFAPMS and FAPMS to ensure there are no conflicts among the groups if both were to be included as official APMS Chapters, and to ask each Board to provide a letter to APMS stating such. There were suggestions that SFAPMS may also include the Caribbean Basin. Generally, the APMS Board is receptive to a SFAPMS and FAPMS. There was also discussion on the status and continuation of the Nile Basin and Brazil Chapters, but tabled until the Strategic Planning at the Midwinter Board meeting.

<u>Scholastic Endowment Committee:</u> Chair John Gardner presented that the silent auction and reverse raffle activities raised almost \$8,000 during the Annual Meeting and that he would provide an exact amount at the Mid-winter Board meeting.

**<u>Strategic Planning Committee:</u>** No report except a reminder that the next Strategic Planning session is scheduled for January 27, 2012 prior to the Mid-winter Board meeting in Salt Lake City.

**Student Affairs Committee:** No report. Chair Rebecca Haynie had already departed to lead the post-conference student tour.

Website Committee: No report.

#### Student Director Report: No report.

**<u>AERF</u>**: There was no information provided in addition to that presented at the pre-conference Board meeting.

**BASS:** No report.

**<u>CAST</u>**: John Madsen agreed to continue to be the CAST representative.

**NALMS:** No report other than the NALMS meeting will be in Spokane, WA on October 25-27. There was discussion that APMS and NALMS have common ground but different perspectives. NALMS focus is on nutrient mitigation while APMS focus is on the direct control of aquatic plants.

**<u>RISE:</u>** No report.

**WSSA:** Lee VanWychen mentioned that work will continue to support funding for the USACE research program, but progress will be difficult without Corps of Engineers support. Work is also continuing with Congress to vote to regulate pesticide use in water under FIFRA rather than NPDES.

Jeff Schardt motioned the Board to approve the Committee and Special Representative Reports. Terry Goldsby seconded the motion. The motion passed without dissenting vote.

#### Old Business: None was discussed.

#### New Business:

#### 1. Regional Chapter representation on the APMS Board

Members at the Regional Chapter breakfast meeting suggested placing a member from each region on the APMS Board. This would require expanding the Board to seven directors. Regional participation on the Board is also a goal of the APMS Nominating Committee; however, it is difficult to find Regional Chapter persons who are APMS Members, are interested in serving on the Board, and are able to travel. Schardt suggested that each region should identify a member who qualifies and is willing to serve on the APMS Board. This issue will be further discussed at the Strategic Planning session in January.

#### 2. APMS Graduate Assistance Award

The APMS Vice-president needs to start the proposal solicitation process for the Graduate Assistance Stipend Award to be voted on at the pre-conference Board meeting in Salt Lake City and announced at the Annual Meeting. Proposals need to be submitted by May 2012. The Award will continue at \$40,000 for two years.

#### 3. APMS letter of support

President Koschnick was approached by Anther Masoodi who attended the Annual Meeting to write a letter in support of controlling alligatorweed that has recently invaded a reservoir in India. Koschnick will draft a letter that acknowledges the invasiveness of alligatorweed and the value of early detection and rapid response to control this plant to avoid long-term problems and management expenses.

## Cody Gray motioned the Board to adjourn the meeting. Rob Richardson seconded the motion. The motion passed without dissenting vote.

The Board Meeting adjourned at 4:12 p.m.

#### THE AQUATIC PLANT MANAGEMENT SOCIETY, INCORPORATED

# Teleconference and email votes considered by the Board of Directors of the APMS since the Post-conference Board Meeting held on July 27, 2011.

#### 1) APMS Sign ASIWPCA Letter to U.S. Senate

On August 2, 2011, President Tyler Koschnick forwarded an email to Board Members from The Association of State and Interstate Water Pollution Control Administrators (ASIWPCA) requesting that the APMS sign a letter to the U.S. Senate urging the Senate to follow the House of Representatives' lead on H.R. 782 and take legislative action to avoid duplicative permitting requirements for pesticide applications on, over or near waters. Koschnick called for a motion after which there was time for discussion followed by a vote.

Jeff Schardt motioned the Board that APMS should sign the letter being sent by the Association of State and Interstate Water Pollution Control Administrators (ASIWPCA) to the U.S. Senate to take legislative action on H.R. 872 to avoid duplicative environmental permitting requirements for certain applications of pesticides on or near water. Craig Aguillard Seconded the motion. The motioned passed by a vote of 13-0.

**2) Develop ASIWPCA template letters for Chapters and members to forward Congress** On August 3, 2011, the APMS Board voted to sign the letter being sent by the Association of State and Interstate Water Pollution Control Administrators (ASIWPCA) to the U.S. Senate to take legislative action on H.R. 872 to avoid duplicative environmental permitting requirements for certain applications of pesticides on or near water. ASIWPCA authorized APMS to use the content of the letter if so desired. Terry Goldsby raised a question whether there should be any more action on this issue. Specifically, should APMS consider sending a "form" letter with similar content to the membership for potential use? President Koschnick called for a motion after which there was a second and time for discussion, followed by a vote.

Terry Goldsby motioned the Board that two sample letters be prepared by a designate of President Koschnick for use in sending correspondence to Congress or other interested parties. These letters shall be similar in nature, content, and intent to the ASIWPCA letter to which APMS was recently cosignatory. One of these letters shall be for distribution to the APMS Regional Chapters for use as a model if they so desire. A second letter shall be made available to the APMS general membership and/or chapter memberships to provide guidelines to individuals for similar letters. Craig Aguillard seconded the motion. The motion passed 11-0.

**3)** Hold Annual Meeting in San Antonio, TX from July 13 to 17 at the Westin Riverwalk. On October 11, 2011, President Tyler Koschnick sent the following message to Board Members. *The Meeting Planning Committee has decided on a hotel for the 2013 annual meeting. Bill Torres visited 8 different hotels in San Antonio, TX near the Riverwalk and provided the attached summary and assessment. Following discussion, the Meeting Planning Committee made a recommendation that we enter into contract negotiations with The Westin Riverwalk. The meeting would be July 13 to 17<sup>th</sup>, 2013. Are there any questions for the Meeting Planning Committee? If not, I would like to entertain a motion to*  *accept the Meeting Planning Committee's recommendation?* Koschnick called for a motion after which there was time for discussion followed by a vote.

Larry McCord motioned the Board that APMS hold the 2013 annual meeting in San Antonio, TX from July 13 to 17 at the Westin Riverwalk, and the APMS meeting manager enter into negotiations to establish a contract with the hotel. Cody Gray seconded the motion. The motion passed 11-0.

#### 4) APMS Reimburse Travel Expenses for Secretary and Treasurer

On November 13, 2011, President Koschnick advised the Board that Treasurer Whitaker will need APMS to fund her travel expenses to attend the Midwinter Board meeting, similar to Secretary Schardt needing APMS travel funding. The Board has been aware that these travel funding requests may occur for the Secretary and Treasurer and has previously authorized funding for Secretary travel through approval of the Secretary's annual budget. These expenses should be authorized prior to incurring travel expenses to the meeting; however, the Secretary and Treasurer annual budget estimates are not presented for approval until the Midwinter Board Meeting. Koschnick called for a motion to approve Secretary and Treasurer travel expenses to the Midwinter Board meeting, after which there was time for discussion followed by a vote.

Terry Goldsby motioned the Board that APMS reimburse travel expenses for both the Secretary and Treasurer to the Midwinter Board meeting in Salt Lake City, January, 2012. Linda nelson seconded the motion. The motion passed 10-0.

#### **President's Report**

#### 12 January 2012

Since the annual meeting, there has been a lot of activity related to NPDES permits and federal funding (e.g. the US Corps of Engineers Aquatic Plant Control Program). Both issues continue to evolve and are being closely monitored for opportunities to engage in the discussions and the potential impacts on aquatic plant control activities.

Related to NPDES, APMS signed onto a letter in cooperation with the Association of American Pesticide Control Officials, Association of State and Interstate Water Pollution Control Administrators, The National Association of State Departments of Agriculture, and National Association of State Foresters (letter attached). Based on feedback some several members, the Board supported creating a template letter to Congress that other members could use as a basis to express their position on the pending implementation of NPDES (attached). There is still a lot of unknown about the impact of NPDES permits on aquatic plant management programs, and people continue to work with states to understand specific requirements for their areas. There remains hope that there will be a "legislative fix", but seems many people are facing the reality of these new permits. Expect additional effort in trying to convince the Senate to bring the issue to the floor for debate/vote.

On funding, APMS was also a joint sponsor of a letter sent to the members of the Joint Committee on Deficit Reduction ("Super Committee") encouraging them to maintain support for Agriculture research funding (attached). Since the Super Committee didn't advance a deficit reduction plan, there remain significant challenges for federal funding related to agricultural and aquatic plant control research. The Corps of Engineers received an appropriation of \$3MM for their aquatic plant control research program this year (at the last minute), but have still be zeroed out for 2013. Thus the fight to keep that program funded will continue into the next year.

I was fortunate enough to attend, or planning to attend, many of the Regional Chapter Annual meetings and gave a presentation on APMS entitled "Balancing Strategic Goals with Emerging Threats". I attended the Florida and South Carolina meeting, with plans to present at the Northeast, Midwest, and Western Chapters. President Elect Goldsby was gracious enough to fill in for me at the Midsouth meeting, and Director Aguillard substituted at the Texas Chapter meeting.

Finally, thank you letters were sent to all speakers from the 51<sup>st</sup> Annual Meeting (example attached). In addition, a letter was sent to Ather Masoodi from India. He had requested that APMS cooperate in his quest to evaluate alternatives for managing alligatorweed invasion (letter attached).

Thanks to everyone for their efforts to advance the Society!

Respectfully submitted,

Tyler Koschnick





ASIWPCA Association of State and Interstate Water Pollosion Control Administrators





August 12, 2011

The Honorable Harry Reid Majority Leader United States Senate Washington, DC The Honorable Mitch McConnell Minority Leader United States Senate Washington, DC

#### RE: Dual Regulation of Pesticide Applications under FIFRA & CWA

Dear Leader Reid and Leader McConnell:

The undersigned environmental and public health organizations respectfully urge the full Senate to join the House of Representatives and take legislative action on H.R. 872 to avoid what a great majority of states view as duplicative environmental permitting requirements for certain applications of pesticides on or near water.

The use of these pesticides is currently regulated by the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). Due to court decisions, and not any policy choice of the U.S. Environmental Protection Agency, after October 31, 2011 these *FIFRA compliant* applications will also be subject to Clean Water Act (CWA) National Pollutant Discharge Elimination System (NPDES) permit requirements. Unless Congress intervenes, state CWA permitting authorities – already operating under severely constrained budgets and with limited staff – will be required to regulate 365,000 new sources under the CWA despite the fact that another federal environmental statute has regulated these pesticide uses for decades.

365,000 new NPDES permits represent a 60 percent increase in the size of the NPDES program. NPDES permitting is not a mere paperwork exercise. State environmental authorities will not only need to process NPDES permit applications for aquatic pesticide applications, but also ensure compliance with a new regulatory program via inspections, monitoring, data collection, reporting, compliance assistance, and outreach to impacted applicators.

This dual regulation would impact public health and state and local pest and invasive species programs. For some mosquito control districts, permit compliance costs will nearly quadruple current budgets. If localities are impeded from controlling mosquitoes, increased West Nile Virus and equine encephalitis-related deaths could result. Therefore, duplicative regulation of pesticides could cause devastating threats to public health from mosquito borne diseases, with limited environmental benefits. Similarly, state and local agencies could be significantly hindered from adequately responding to environmental and economic threats posed by invasive species.

It is important to note that H.R. 872 only exempts *FIFRA compliant* applications from CWA permitting. Bad faith actors who misuse pesticides and pollute our nation's waters can and

should be prosecuted to the fullest extent under FIFRA. Likewise, industrial or commercial development processes are also still covered under the CWA. Additionally, states can - and have - enacted state pesticide permitting programs to address pesticide-related issues specific to individual states. This ability of states to respond to local issues is a hallmark of the state and federal partnerships under both the CWA and FIFRA and should continue to be fostered.

Finally, while we understand the concern that pesticides are sometimes detected in our nation's waters, many of these detections result from legacy use of pesticides that are severely restricted or completely banned today, including DDT, chlordane, hexachlorobenzene, aldrin, dieldrin, and others. A CWA permitting program for prospective pesticide applications to control weeds, mosquitoes, invasive species, or to otherwise protect public health, will not remedy the legacy of past pesticide use. In addition, if pesticides are detected in surface water, U.S. EPA or the states take action to address the problem under FIFRA. For example, U.S. EPA recently required several additional environmental labeling restrictions to address pyrethroid residues found in surface water.

Further delay is severely detrimental to states. We urge the Senate to take action to ensure that duplicative pesticide permitting is not required under the CWA and FIFRA, protecting scarce state resources and public health.

Sincerely yours,

Chuck Andrews President of AAPCO Director, Pesticide Programs Division CA Department of Pesticide Regulation

Simul m Blutham

Leonard Blackham President of NASDA Commissioner UT Department of Agriculture and Food

Tyler Koschnick President of APMS Director, Research & Regulatory Affairs SePRO Corporation

Walter L. Baker President of ASIWPCA Director, Division of Water Quality UT Department of Environmental Quality

Jeff Jahnke President of NASF State Forester CO State Forest Service

Cc:

Honorable Barbara Boxer Honorable James Inhofe Senate Environment & Public Works Honorable Debbie Stabenow Honorable Pat Roberts Senate Agriculture, Nutrition, & Forestry

#### [INSERT LOGO OR LETTERHEAD]

11 January 2012

The Honorable Harry Reid Majority Leader United States Senate Washington, DC The Honorable Mitch McConnell Minority Leader United States Senate Washington, DC

RE: Dual Regulation of Aquatic Herbicide and Algaecide Applications under FIFRA & CWA

Dear Leader Reid and Leader McConnell:

**[I/We]** respectfully urge the full Senate to join the House of Representatives and take legislative action on H.R. 872 to avoid what a great majority view as duplicative environmental permitting requirements for certain applications of aquatic pesticides in, over or near water. [INSERT STATEMENT ABOUT YOUR ORGANIZATION AND INTEREST IN AQUATIC PLANT MANAGEMENT].

The use of aquatic herbicides and algaecides is currently regulated by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). <u>Due to court decisions, and not any policy choice of the U.S. Environmental</u> <u>Protection Agency or science based assessment</u>, after October 31, 2011, *FIFRA-compliant* aquatic applications will also be subject to Clean Water Act (CWA) National Pollutant Discharge Elimination System (NPDES) permit requirements. Unless Congress intervenes, state CWA permitting authorities – already operating under severely constrained budgets and with limited staff – will be required to regulate 365,000 new sources under the CWA despite the fact that another federal environmental statute has regulated these pesticide uses for decades.

365,000 new NPDES permits represent a 60 percent increase in the size of the NPDES program. NPDES permitting is not a mere paperwork exercise. State environmental authorities will not only need to process NPDES permit applications for aquatic pesticide applications, but also ensure compliance with a new regulatory program via inspections, monitoring, data collection, reporting, compliance assistance, and outreach to impacted applicators.

This dual regulation will negatively impact state and local invasive aquatic species control programs and other beneficial water resource management programs such as the control of toxic harmful algae blooms in public water supplies. For some plant and algae control programs, permit compliance costs could nearly quadruple and dramatically shift resources away from the actual control of invasive plants and harmful algal blooms. Most aquatic plant control programs are already constrained by limited budgets. If resource agencies and stakeholders are impeded from controlling aquatic weeds and harmful algae, there could be increased flooding and incidence of mosquito borne illnesses, native aquatic species will be displaced by the spread of exotic species, property values will decline, navigational waterways will be more difficult to maintain, recreational uses of water will decrease, and potable drinking water quality may be compromised. State and local agencies could be significantly hindered from adequately responding to environmental and economic threats posed by invasive species and harmful algae. Therefore, a non-science based, duplicative regulation of aquatic herbicides and

algaecides could cause devastating threats to the nation's water resources, with limited environmental benefits.

It is important to note that H.R. 872 only exempts *FIFRA compliant* applications from CWA permitting. Bad faith actors who misuse pesticides and pollute our nation's waters can and should be prosecuted to the fullest extent under FIFRA. Likewise, industrial or commercial development processes are also still covered under the CWA. Additionally, states can – and have – enacted state aquatic pesticide permitting programs to address pesticide-related issues specific to individual states. This ability of states to respond to local issues is a hallmark of the state and federal partnerships under both the CWA and FIFRA and should continue to be fostered.

Finally, while we understand the concern that pesticides are sometimes detected in our nation's waters, many of these detections result from legacy use pesticides that are severely restricted or completely banned today, including DDT, chlordane, hexachlorobenzene, aldrin, dieldrin, and others. These very products are restricted from being applied in, over, or near water and it remains unclear how this dual regulation would mitigate these issues. A CWA permitting program for prospective aquatic pesticide applications to control weeds, invasive species, harmful algae, or to otherwise protect public health, will not remedy the legacy of past pesticide use. Instead, aquatic herbicides and other registered aquatic use products that are labeled and intended to be applied to water, and have a long history of effective and environmentally compatible use, will now fall under this dual regulation. In addition, if pesticides are detected in surface water, U.S. EPA or the states take action to address the problem under FIFRA. For example, U.S. EPA recently required several additional environmental labeling restrictions to address pyrethroid residues found in surface water. Finally, studies by the US Geological Survey and other environmental monitoring of our nation's waters have detected a suite of pharmaceutical and other personal care products with documented potential for human health and ecological effects. This situation lacks the benefit of full scientific assessments such as those applied for FIFRA-registered aquatic products and remains unregulated. The dual regulation being proposed would not address these other water quality issues, but rather regulate those products that are actually intended to be applied to water and have been scientifically assessed.

Further delay is severely detrimental to states. We urge the Senate to take action to ensure that duplicative pesticide permitting is not required under the CWA and FIFRA, protecting scarce state resources and public health.

Sincerely yours,

Cc:

Honorable Barbara Boxer Honorable James Inhofe Senate Environment & Public Works Honorable Debbie Stabenow Honorable Pat Roberts Senate Agriculture, Nutrition, & Forestry

From:	Lee Van Wychen
Το;	jmadsen@gri.msstate.edu; Koschnick, Tyler; cody.gray@uniphos.com; mark.wrucke@bayer.com; bgvoung@siu.edu; miv@udel.edu; inbarney@vt.edu; bjbe@ifas.ufl.edu; darrind@ext.msstate.edu; jjjachetta@dow.com; michael.barrett@uky.edu; rod.lym@ndsu.nodak.edu; kells@msu.edu; dgs@uga.edu; Harold.D.Coble@usda.gov; janis.mcfarland@syngenta.com; Lee.VanWychen@wssa,net; jischroe@nmsu.edu; dshaw@research.msstate.edu; VFPeterson@dow.com; john.brock@asu.edu; linda.s.nelson@erdc.usace.army.mil; terryg@aguaservicesinc.com; chris.boerboom@ndsu.edu; david.h.johnson@pioneer.com; bradlevke@missouri.edu; hsandler@umext.umass.edu; ad97@cornell.edu; DXL18@psu.edu; ted.webster@ars.usda.gov; Thomas.Holt@basf.com; tmueller@utk.edu;
	tbaughma@ag.tamu.edu; jder@vt.edu; rbonanno@umext.umass.edu; kirk.howatt@ndsu.edu; Lisa.Boggs@swosu.edu; jmditomaso@ucdavis.edu; KUMEDA@AG.ARIZONA.EDU; twmiller@wsu.edu
Subject:	Congress "Super Committee" letter
Date:	Friday, September 30, 2011 6:48:56 AM

#### Dear Science Policy Committee:

There is a broad array of ag research stakeholders signing on to a letter that will be sent to the 12 member budget reduction "Super Committee". The message to the Super Committee is simple and to the point.... maintain current ag research funding and avoid further cuts. For every \$1 invested in publicly funded agricultural research, \$20 in economic activity is generated.

While the message is simple, the power of this letter will be in number of organizations and individuals that sign it. We are targeting everyone..... universities, nonprofits, industry, grower groups, NGO's, etc.....

This is where you come in.

Please go to: <u>http://bit.ly/nBRdO7</u> to read the letter and sign it. I hope that all of you will sign it as individuals. Just check the "sign on as individual" box.

#### President's Barrett, Koschnick, Wrucke, VanGessel, Brecke, and Peterson:

- please check both boxes "Add Our Organization/Company" AND "Sign on as individual".
- I would encourage you to send this to your Board's of Directors as well for their signatures as individuals.

The deadline for signatures is Oct. 14.

Please circulate the link <u>http://bit.ly/nBRdO7</u> widely to other potential supporters.

Thanks!

Lee

Lee Van Wychen, Ph.D.

Science Policy Director National and Regional Weed Science Societies 5720 Glenmullen PI, Alexandria, VA 22303 Lee.VanWychen@wssa.net Phone: 202-746-4686

#### 2011-2012 Meetings of the National and Regional Weed Science Societies

Dec. 12-15, 2011 North Central Weed Science Society (NCWSS), Milwaukee, WI <u>www.ncwss.org</u> Jan. 3 - 6, 2012 Northeastern Weed Science Society (NEWSS), Philadelphia, PA <u>www.newss.org</u> Jan. 23-25, 2012 Southern Weed Science Society (SWSS), Charleston, SC <u>www.swss.ws</u> Feb. 6 - 9, 2012 Weed Science Society of America (WSSA), Big Island, HI <u>www.wssa.net</u> Mar. 12-15, 2012 Western Society of Weed Science (WSWS), Reno, NV <u>www.wsweedscience.org</u> July 22-25, 2012 Aquatic Plant Management Society (APMS), Salt Lake City, UT <u>www.apms.org</u>

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Dear Members of the Joint Select Committee on Deficit Reduction:

We, the 1,200 undersigned organizations, companies, institutions, and individuals, are writing to strongly urge you to place a high priority on funding for research for food and agriculture as you carry out your important charge.

The success of the agriculture and food industry plays a significant role in the overall health and security of the U.S. economy and has been one of the few bright spots in recent years. In 2010, U.S. farms and ranches spent \$288 billion to produce goods valued at \$369 billion; the value of U.S. food and agriculture exports is expected to be more than \$140 billion in 2011, creating a record trade surplus of \$42.5 billion. Furthermore, the jobs of 21 million Americans depend on the vitality of the U.S. agriculture and food sector.

Investments in publicly funded research are critical for maintaining a successful agriculture and food sector. For every \$1 invested in publicly funded agricultural research, \$20 in economic activity is generated. Budgetary decisions made today have far reaching impacts, as the scientific research funded today will be responsible for enhancing the Nation's agricultural productivity and economic prosperity in the future.

Therefore, we strongly urge you to support funding for research for food and agriculture as you develop overall budget proposals for the future. Recent studies have concluded that funding for research for food and agriculture needs to be increased steadily and significantly if future challenges are to be met. At a minimum, we request that funding in the current budget for agricultural research programs be maintained and that further cuts be avoided. Continued investment in science for food and agriculture is essential for maintaining the nation's food, economic, and national security.

Thank you for your consideration and for your support of research for food and agriculture.

Sincerely,

1,200 organizations, companies, institutions, and individuals (list attached)

cc: U.S. House Appropriations Subcommittee on Agriculture

U.S. Senate Appropriations Subcommittee on Agriculture

- U.S. House Committee on Agriculture
- U.S. Senate Committee on Agriculture

#### Companies

- 1. A&L Great Lakes Laboratories, Inc.
- 2. AAA Soil Consultants
- 3. Aregsun Farming Co.
- 4. Arizona Pest Management Center
- 5. C. Richard & Associates
- 6. CID Bio-Science, Inc.
- 7. Cropper Farms
- 8. Dakota Indexing LLC
- 9. Data2Bio, LLC
- 10. Dow AgroSciences LLC
- 11. DuPont
- 12. Eversole Associates
- 13. Foggy Bottom Farms
- 14. Food Polymer Science Consultancy
- 15. Franklin & Franklin Tax Service
- 16. Franklin Properties
- 17. GCC-Smart Tools, Inc.
- 18. Glades Crop Care, Inc.
- 19. Grand Canyon State Electric Cooperative Association
- 20. GrassRoots Biotechnology
- 21. Hal Owen & Associates, Inc.
- 22. Heartland Plant Innovations
- 23. Houston Spraying & Supply, Inc.
- 24. Hy-Line International
- 25. Hy-Line North America, LLC

- 26. IE-Strategic Crop Services
- 27. Infinite Enzymes
- 28. Irrometer Company, Inc.
- 29. J. Rettenmaier USA LP
- 30. Kendall & Associates, Inc.
- 31. Kerr Pacific Corp.
- 32. KHH BioSci Inc.
- 33. Lake Seed, Inc.
- 34. Lester R. Vough, PhD, LLC
- 35. Mendel Biotechnology
- 36. Mennel Milling Company
- 37. MidAtlantic Farm Credit
- 38. NebraskaLand National Bank
- 39. New York Botanics, LLC
- 40. Recombinetics, Inc.
- 41. Redrock Services, Inc.
- 42. River Run Farm
- 43. Silver Lining Farm
- 44. Soil Works, Inc.
- 45. Southeast Soil & Environmental Service, Inc.
- 46. Star of the West Milling Co.
- 47. Syngenta Biotechnology, Inc.
- 48. Terra West Consulting, Inc.
- 49. Van Arsdall & Associates

#### Educational and Research Institutions

- 1. Arizona Agricultural Experiment Station, Tucson, AZ
- 2. Boyce Thompson Institute for Plant Research, Ithaca, NY
- 3. Carnegie Institution for Science, Washington, DC
- 4. Carnegie Institution for Science Department of Plant Biology, Stanford, CA
- 5. Clemson University College of Agriculture, Forestry & Life Sciences, Clemson, SC
- 6. Colorado State University, Fort Collins, CO
- 7. Donald Danforth Plant Science Center, St. Louis, MO
- 8. Idaho Agricultural Experiment Station, Moscow, ID
- 9. Iowa State University, Ames, IA
- 10. Kansas State University, Manhattan, KS

Letter in Support of Research Funding for Food and Agriculture

2

- Kansas State University College of Agriculture, Agriculture Research & Cooperative Extension, Manhattan, KS
- 12. Michigan State University, East Lansing, MI
- 13. Michigan State University College of Agriculture & Natural Resources, East Lansing, MI
- 14. Montana Agricultural Experiment Station, Bozeman, MT
- 15. Montana State University College of Agriculture, Bozeman, MT
- 16. National Ecological Observatory Network (NEON), Inc., Boulder, CO
- 17. New Mexico State University, Las Cruces, NM
- 18. New Mexico State University Agricultural Experiment Station, Las Cruces, NM
- 19. North Dakota Agricultural Experiment Station, Fargo, ND
- 20. Ohio State University College of Food, Agricultural & Environmental Sciences, Columbus, OH
- 21. Ohio State University Department of Plant Pathology, Columbus, OH
- 22. Oregon State University College of Agricultural Sciences, Corvallis, OR
- 23. Purdue University College of Agriculture, West Lafayette, IN
- 24. Purdue University Department of Animal Sciences, West Lafayette, IN
- 25. Tennessee State University College of Agriculture, Human & Natural Sciences, Nashville, TN
- 26. University of Alaska Fairbanks Agricultural & Forestry Experiment Station, Fairbanks, AK
- 27. University of Alaska Fairbanks School of Natural Resources & Agricultural Sciences, Fairbanks, AK
- University of California System Cooperative Extension and Agricultural Experiment Station, Davis, CA
- 29. University of California System Division of Agriculture & Natural Resources, Oakland, CA
- 30. University of California, Berkeley, College of Natural Resources, Berkeley, CA
- 31. University of California, Davis, College of Agriculture & Environmental Sciences, Davis, CA
- 32. University of California, Davis, School of Veterinary Science, Davis, CA
- 33. University of California, Riverside, College of Natural & Agricultural Sciences, Riverside, CA
- 34. University of Connecticut College of Agriculture & Natural Resources, Storrs, CT
- 35. University of Georgia College of Veterinary Medicine, Athens, GA
- 36. University of Illinois, Urbana, IL
- 37. University of Illinois Department of Crop Sciences, Urbana, IL
- 38. University of Kentucky College of Agriculture, Lexington, KY
- 39. University of Louisiana at Monroe, Monroe, LA
- 40. University of Maryland Eastern Shore School of Agricultural & Natural Sciences, Princess Anne, MD
- 41. University of Minnesota College of Agricultural & Natural Resource Sciences, St. Paul, MN
- 42. University of Minnesota Department of Applied Economics, St. Paul, MN
- 43. University of Minnesota Department of Food Science & Nutrition, St. Paul, MN
- 44. University of Minnesota Department of Plant Biology, St. Paul, MN
- 45. University of Minnesota Department of Plant Pathology, St. Paul, MN
- 46. University of Minnesota Extension, St. Paul, MN
- 47. University of the Virgin Islands Agriculture Experiment Station, Kingshill, USVI
- 48. Utah State University College of Agriculture, Logan, UT
- 49. Veterinary Diagnostic and Investigational Laboratory, Tifton, GA
- 50. Virginia Agricultural Experiment Station, Blacksburg, VA
- 51. Virginia Tech, Blacksburg, VA

- 52. Virginia Tech College of Natural Resources & Environment, Blacksburg, VA
- 53. Virginia-Maryland Regional College of Veterinary Medicine, Blacksburg, VA
- 54. Washington State University Department of Horticulture, Pullman, WA

# Organizations and Associations

- 1. AACC International
- 2. Agribusiness Industry Network
- 3. American Association of Avian Pathologists
- 4. American Association of Swine Veterinarians
- 5. American Bakers Association
- 6. American College of Veterinary Pathologists
- 7. American Dairy Science Association
- 8. American Dietetic Association
- 9. American Farmland Trust
- 10. American Feed Industry Association
- 11. American Phytopathological Society
- 12. American Seed Trade Association
- 13. American Sheep Industry Association
- 14. American Society for Horticultural Science
- 15. American Society for Microbiology
- 16. American Society for Nutrition
- 17. American Society of Agricultural and Biological Engineers
- 18. American Society of Agronomy
- 19. American Society of Animal Science
- 20. American Society of Plant Biologists
- 21. American Veterinary Medical Association
- 22. Animal Health Institute
- 23. Aquatic Plant Management Society
- 24. Association of American Veterinary Medical Colleges
- 25. Association of Public and Land-grant Universities Board on Agriculture Assembly Policy Board of Directors
- 26. Association of Public and Land-grant Universities Board on Human Sciences
- 27. Biotechnology Industry Organization

- 28. Botanical Society of America
- 29. California Association of Winegrape Growers
- 30. California Grape & Tree Fruit League
- 31. Cherry Marketing Institute
- 32. Crop Science Society of America
- 33. Ecological Society of America
- 34. Entomological Society of America
- 35. Federation of Animal Science Societies
- 36. Florida Fruit & Vegetable Association
- 37. Florida Weed Science Society
- Georgia Fruit and Vegetable Growers Association
- 39. Idaho Grain Producers Association
- 40. Illinois Plant Breeding Center
- 41. Institute of Food Technologists
- 42. International Association of Refrigerated Warehouses
- 43. International Wheat Genome Sequencing Consortium
- 44. Kentucky Horse Council
- 45. Kentucky Thoroughbred Owners and Breeders
- 46. National Aquaculture Association
- 47. National Association of Federal Veterinarians
- 48. National Association of Plant Breeders
- 49. National Association of Wheat Growers
- 50. National Barley Growers Association
- 51. National Coalition for Food and Agricultural Research (NC-FAR)
- 52. National Council of Farmer Cooperatives
- 53. National Farmers Union
- 54. National Grape & Wine Initiative
- 55. National Potato Council
- 56. National Watermelon Association

- 57. North American Millers' Association
- 58. North Central Weed Science Society
- 59. Northeastern Weed Science Society
- 60. Poultry Science Association
- 61. Soil Science Society of America
- 62. Southern Weed Science Society
- 63. Southwest Council of Agribusiness
- 64. Sports Turf Managers Association
- 65. U.S. Apple Association
- 66. United States Animal Health Association

- 67. United States Consortium of Soil Science Associations
- 68. Vermont Grass Farmers' Association
- 69. Weed Science Society of America
- 70. Western Growers Association
- 71. Western Society of Weed Science
- 72. Wild Blueberry Commission of Maine
- 73. Wine Institute
- 74. WineAmerica, The National Association of American Wineries

## **Other Institutions**

- 1. Brookings County Conservation District, Brookings, SD
- 2. Charles Valentine Riley Memorial Foundation, Flower Mound, TX
- 3. Council for Agricultural Research, Extension, and Teaching (CARET), Washington, DC
- 4. Hamlin County Conservation District, Hayti, SD

# Individuals<sup>1</sup>

## (by location)

## Alabama

- 1. David Allison, Distinguished Professor, University of Alabama at Birmingham, Birmingham, AL
- 2. Leonardo De La Fuente, Assistant Professor, Auburn University, Auburn University, AL
- 3. Stephen Enloe, Auburn, AL
- 4. Nada K. Nadarajah, Auburn, AL
- 5. Michael Newman, Decatur, AL
- 6. Tim Sherman, Mobile, AL
- 7. Alisha Sledge, Huntsville, AL
- 8. Robert Taylor, Huntsville, AL
- 9. Lloyd Walker, Dean and Research Director, Alabama A&M University, Normal, AL

#### Arizona

- 1. Stephen Goff, Tucson, AZ
- 2. Richard Jensen, Tucson, AZ
- 3. Tom Jones, CEO, Grand Canyon State Electric Cooperative Association, and CARET Representative University of Arizona, Phoenix, AZ

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- 4. Colin Kaltenbach, Director, Arizona Agricultural Experiment Station, Tucson, AZ
- 5. Brian Larkins, Director, School of Plant Sciences, University of Arizona, Tucson, AZ
- 6. Rebecca Lybrand, Tucson, AZ

## Letter in Support of Research Funding for Food and Agriculture

<sup>&</sup>lt;sup>1</sup> Those listed have signed as individuals and do not necessarily speak for their organization.

- 7. Paolo Sabelli, University of Arizona, Tucson, AZ
- 8. Dhiraj Thakare, Postdoctoral Research Associate, University of Arizona, Tucson, AZ
- 9. Kai Umeda, Area Extension Agent, University of Arizona, Phoenix, AZ
- 10. Fusheng Wei, Scientific Analyst, University of Arizona, Tucson, AZ

## Arkansas

- 1. Rakesh Awale, Jonesboro, AR
- 2. Kris Bunnell, Graduate Research Assistant, University of Arkansas, Fayetteville, AR
- 3. Danielle Julie Carrier, Professor, Fayetteville, AR
- 4. Angele Djioleu, Fayetteville, AR
- 5. Mohamed Hassan, University of Arkansas, Fayetteville, AR
- 6. Elizabeth Hood, Jonesboro, AR
- 7. John W. King, Associate Professor Emeritus, University of Arkansas, Fayetteville, AR
- 8. Alma Laney, Fayetteville, AR
- 9. Chuan Lau, Graduate Assistant, University of Arkansas, Fayetteville, AR
- 10. Argelia Lorence, Associate Professor, Arkansas State University, Jonesboro, AR
- 11. Debbie Moreland, Program Administrator, Arkansas Association of Conservation Districts and CARET Delegate – Arkansas, Little Rock, AR
- 12. Douglas Rhoads, Fayetteville, AR
- 13. Marites Sales, University of Arkansas, Fayetteville, AR
- 14. Brett J. Savary, Jonesboro, AR
- 15. Deborah Vicuna, Arkansas Biosciences Institute, Jonesboro, AR
- 16. Charles West, Professor, Fayetteville, AR

## California

- 1. Munevver Aksoy, Postdoc, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 2. Shajahan Anver, Davis, CA
- 3. Ute Armbruster, Department of Plant Biology, Carnegie Institution for Science, Menlo Park, CA
- 4. Julia Bailey-Serres, Professor, Riverside, CA
- 5. M. Kathryn Barton, Menlo Park, CA
- 6. Diane Beckles, Davis, CA
- 7. Tanya Berardini, Scientific Curator, Department of Plant Biology, Carnegie Institution for Science, Fremont, CA
- 8. Ann Blechl, Richmond, CA
- 9. Eduardo Blumwald, Professor, University of California, Davis, Davis, CA
- 10. Magnolia Bostick, Oakland,, CA
- 11. Richard Bostock, Professor, University of California, Davis, Davis, CA
- 12. Anne Britt, Winters, CA
- 13. Christopher Brown, Graduate Student, University of California, Berkeley, Berkeley, CA
- 14. Jacob Brunkard, Graduate Student, University of California, Berkeley, Berkeley, CA
- 15. Bob Buchanan (NAS), Professor, University of California, Berkeley, Berkeley, CA
- 16. Thomas N. Buckley, Rohnert Park, CA
- 17. Tessa Burch-Smith, University of California, Berkeley, Berkeley, CA
- 18. Timothy Butterfield, Graduate Student, University of California, Davis, Davis, CA
- 19. W. Zacheus Cande, Professor, University of California, Berkeley, Berkeley, CA

#### Letter in Support of Research Funding for Food and Agriculture

- 20. Nancy Carnal, Truckee, CA
- 21. Heather Cartwright, Mountain View, CA
- 22. Alfred Cass, Santa Rosa, CA
- 23. Divya Chandran, Research Specialist, University of California, Berkeley, Berkeley, CA
- 24. Li-Qing Chen, Stanford, CA
- 25. Diane Chermak, Laboratory Manager, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 26. Kulika Chomvong, Berkeley, CA
- 27. Gitta Coaker, Assistant Profesor, University of California, Davis, Davis, CA
- 28. Megan Cohn, Oakland, CA
- 29. Douglas Cook, Professor, University of California, Davis, Davis, CA
- 30. Elias Cornejo-Warner, Graduate Student, Department of Microbiology, University of California, Berkeley, Oakland, CA
- 31. Jason Corwin, Davis, CA
- 32. Michael Covington, Assistant Project Scientist, University of California, Davis, Davis, CA
- 33. Nigel Crawford, Professor, University of California, San Dlego, La Jolla, CA
- 34. Jill Deikman, Davis, CA
- 35. Theodore DeJong, Davis, CA
- 36. Mary Delany, Professor and Associate Dean, University of California, Davis, Davis, CA
- 37. Savithramma Dinesh-Kumar, Professor, University of California, Davis, Davis, CA
- 38. Joseph DiTomaso, Cooperative Extension Specialist, Davis, CA
- 39. Colleen Doherty, San Diego, CA
- 40. Sarah Dohle, Davis, CA
- 41. Serge Doroshov, Professor, University of California, Davis, Davis, CA
- 42. Bradley Dotson, Energy Bioscience Institute, Berkeley, CA
- 43. Kate Dreher, Palo Alto, CA
- 44. Jorge Dubcovsky, Davis, CA
- 45. Indrajit Dutta, Davis, CA
- 46. Joseph Ecker (NAS), Professor, and Salk International Council Chair, Salk Institute for Biological Studies, La Jolla, CA
- 47. David Ehrhardt, Staff Member, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 48. Emanuel Epstein (NAS), Research Professor, University of California, Davis, Davis, CA
- 49. Bryce Falk, Davis, CA
- 50. Robert Fischer, Professor, University of California, Berkeley, Berkeley, CA
- 51. Michael Freeling, Professor of Genetics, University of California, Berkeley, Berkeley, CA
- 52. Joanna Friesner, Davis, CA
- 53. J. Aapris Frisbie, Graduate Student, University of California, Riverside, Riverside, CA
- 54. Wolf B. Frommer, Director and Professor, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 55. Aigen Fu, University of California, Berkeley, Berkeley, CA
- 56. Charles Gasser, Davis, CA
- 57. Paul Gepts, Professor, University of California, Davis, Davis, CA
- 58. Britt Glaunsinger, Assistant Professor, University of California, Berkeley, Berkeley, CA
- 59. Bob Goldberg, Distinguished Professor, University of California, Los Angeles, Los Angeles, CA
- 60. Sandra Goritschnig, Berkeley, CA
- 61. Guido Grossmann, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA

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62. Ryan Gutierrez, Stanford, CA

- 63. Bradley Hanson, Cooperative Extension Specialist, University of California, Davis, Davis, CA
- 64. Mitchell Harkenrider, Davis, CA
- 65. Stacey Harmer, Davis, CA
- 66. Celine Hayden, Senior Scientist, Applied Biotechnology Institute, San Luis Obispo, CA
- 67. Katherine Heckman, Research Biologist, USDA Forest Service, Livermore, CA
- 68. Mark Heinnickel, Department of Plant Biology, Carnegie Institution for Science, Sunnyvale, CA
- 69. Ann Hirsch, Professor, Los Angeles, CA
- 70. Jodie Holt, Riverside, CA
- 71. Chris Horner, Operations Manager, Monsanto Company, Davis, CA
- 72. Russell Hovey, Associate Professor, University of California, Davis, Davis, CA
- 73. An-Ping Hsia, Temple City, CA
- 74. Wei Hu, Postdoctoral Scholar, University of California, Davis, Davis, CA
- 75. David Huang, Senior Software Developer, Department of Plant Biology, Carnegie Institution for Science, Palo Alto, CA
- 76. Shihshieh Huang, Woodland, CA
- 77. Christian Ibarra, PhD Candidate, Department of Plant & Microbial Biology, University of California, Berkeley, Berkeley, CA
- 78. Andrew Jackson, Professor, University of California, Berkeley, Berkeley, CA
- 79. Alexander Jones, Postdoctoral Fellow, Department of Plant Biology, Carnegie Institution for Science, San Francisco, CA
- 80. Martin Jonikas, Staff Associate, Department of Plant Biology, Carnegie Institution for Science, Redwood City, CA
- 81. Isgouhi Kaloshian, Professor, University of California, Riverside, Riverside, CA
- 82, Rose Kantor, Graduate Student, University of California, Berkeley, Berkeley, CA
- 83. Brad Kaufman, Davis, CA
- 84. Ermias Kebreab, Professor, University of California, Davis, Davis, CA
- 85. Rachel Kerwin, University of California, Davis, Davis, CA
- 86. Annie King, Davis, CA
- 87. J. Clark Lagarias (NAS), Davis, CA
- 88. Cynthia Lawley, Illumina, Castro Valley, CA
- 89. Peggy G. Lemaux, Cooperative Extension Specialist, University of California, Berkeley, Berkeley, CA
- 90. Lauriebeth Leonelli, Berkeley, CA
- 91. Donghui Li, Scientific Curator, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 92. Feng LI, Associate Specialist, University of California, Berkeley, Albany, CA
- 93. Yubing LI, La Jolla, CA
- 94. Zuh-Jyh Daniel Lin, Davis, CA
- 95. Steven E. Lindow (NAS), Professor of Plant & Microbial Biology, University of California, Berkeley, Berkeley, CA
- 96. Dominique Loque, Director of Cell Wall Engineering, Joint BioEnergy Institute, Lawrence Berkeley National Laboratory, Berkeley, CA
- 97. Yongxian Lu, Stanford, CA
- 98. Sheng Luan, Professor, University of California, Berkeley, Berkeley, CA
- 99. Mitchell Lucas, Graduate Student, University of California, Riverside, Riverside, CA
- 100. William Lucas, Professor, University of California, Davis, Davis, CA
- 101. Julin Maloof, Associate Professor, Department of Plant Biology, University of California, Davis, Davis, CA
- 102. Kent McCue, El Cerrito, CA
- 103. Juan F Medrano, Professor, University of California, Davis, Davis, CA

Letter in Support of Research Funding for Food and Agriculture

- 104. Joy Mench, Davis, CA
- 105. Ling Meng, Berkeley, CA
- 106. Sabeeha Merchant, Los Angeles, CA
- 107. Elliot Meyerowitz (NAS), Pasadena, CA
- 108. Richard Michelmore, Professor, Genome Center Director, University of California, Davis, Davis, CA
- 109. James Millam, Professor, University of California, Davis, Davis, CA
- 110. Marcia M. Miller, Altadena, CA
- 111. Mona Monfared, Post-doc, University of California, Berkeley, Albany, CA
- 112. Mary Beth Mudgett, Associate Professor of Biology, Stanford University, Stanford, CA
- 113. James P. Mueller, Field Scientist, Dow AgroSciences LLC, CA
- 114. James Murray, Professor, University of California, Davis, Davis, CA
- 115. Randall Mutters, Extension Agronomist, University of California, Oroville, CA
- 116. Jenny Nash, San Diego, CA
- 117. Jeff Nelson, Graduate Student, University of California, San Diego, La Jolla, CA
- 118. Sajeemas Pasakdee, Fresno, CA
- 119. Matteo Pellegrini, Los Angeles, CA
- 120. Peter Quail (NAS), Professor, University of California, Berkeley, Berkeley, CA
- 121. David Reid, Davis, CA
- 122. Seung Rhee, Staff Scientist, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 123. Pamela Ronald, Professor and Faculty, UC Davis Genome Center, University of California, Davis, Davis, CA
- 124. Benjamin Rosen, Davis, CA
- 125. Jeffrey Ross-Ibarra, University of California, Davis, Davis, CA
- 126. Ivan Rueda, Member, American Society of Plant Biologists, Pacoima, CA
- 127. Anne Runkel, Graduate Student, Department of Plant & Microbial Biology, University of California, Berkeley, Berkeley, CA
- 128. Ryan Sartor, Graduate Student, University of California, San Diego, San Diego, CA
- 129. James Schnable, Berkeley, CA
- 130. Julian Schroeder, Professor, University of California, San Diego, La Jolla, CA
- 131. Jianxiu Shang, Stanford, CA
- 132. Maeraj Sheikh, Riverside, CA
- 133. Michael Singer, Davis, CA
- 134. Laurie Smith, Professor, University of California, San Diego, La Jolla, CA
- 135. Shauna Somerville, Professor, University of California, Berkeley, Berkeley, CA
- 136. Davide Sosso, Department of Plant Biology, Carnegie Institution for Science, Stanford, CA
- 137. Patricia Springer, Riverside, CA
- 138. Michael Steinwand, Berkeley, CA
- 139. Solomon Stonebloom, Joint BioEnergy Institute, San Francisco, CA
- 140. Larry Stowell, Managing Director, PACE Turf, LLC, San Diego, CA
- 141. Steven Theg, Professor, University of California, Davis, Davis, CA
- 142. Roger Thilmony, El Cerrito, CA
- 143. Elaine Tobin, Professor, University of California, Los Angeles, Los Angeles, CA
- 144. Thuy Truong, Berkeley, CA
- 145. William Underwood, Postdoctoral Fellow, University of California, Berkeley, Berkeley, CA
- 146. Allen Van Deynze, Davis, CA
- 147. Alison Van Eenennaam, Cooperative Extension Specialist, University of California, Davis, Davis, CA
- 148. Karen Vaughan, San Luis Obispo, CA

## Letter in Support of Research Funding for Food and Agriculture

- 149. Peter Vaughan, Reedley, CA
- 150. Toni Voelker, Senior Scientist, Monsanto Company, Davis, CA
- 151. Virginia Walbot, Professor, Stanford University, Stanford, CA
- 152. Ian Wallace, Berkeley, CA
- 153. Minmin Wang, Davis, CA
- 154. Jing-Ke Weng, Postdoctoral Research Associate, Salk Institute for Biological Studies, La Jolla, CA
- 155. Chris White, Principal Water Quality Specialist, Balance Hydrologics, Inc., Auburn, CA
- 156. Justen Whittall, Assistant Professor, Santa Clara University, Santa Clara, CA
- 157. Mary Wildermuth, Associate Professor, University of California, Berkeley, Berkeley, CA
- 158. Barry Wilson, Professor, Davis, CA
- 159. Prasad Yadavali, California State University, Fresno, Fresno, CA
- 160. Florence Zakharov, Assistant Professor, University of California, Davis, Davis, CA
- 161. Patricia Zambryski (NAS), Professor, University of California, Berkeley, Berkeley, CA
- 162. Pablo Zamora, Senior Scientist, University of California, Davis, Davis, CA
- 163. Ru Zhang, Stanford, CA
- 164. Andreas Zurbriggen, University of California, Berkeley, Berkeley, CA
- 165. Sandra Zwaal, Lake Forest, CA

## Colorado

- 1. Saseendran Anapalli, Fort Collins, CO
- 2. Lorinda Anderson, Assistant Professor, Colorado State University, Ft. Collins, CO
- 3. Mauricio Antunes, Special Assistant Professor, Colorado State University, Fort Collins, CO
- 4. Cristiana Argueso, Special Assistant Professor, Colorado State University, Fort Collins, CO
- 5. Randall Basaraba, Colorado State University, Fort Collins, CO
- 6. Troy Bauder, Fort Collins, CO
- 7. Daniel Bush, Fort Collins, CO
- 8. Jacqueline Chaparro, Fort Collins, CO
- 9. Anthony A. Frank, President, Colorado State University, Fort Collins, CO
- 10. Darci Giacomini, Graduate Student, Colorado State University, Fort Collins, CO
- 11. Katrina Gillette, Graduate Student, Colorado State University/USDA Agricultural Research Service, Fort Collins, CO
- 12. Courtney Jahn, Fort Collins, CO
- 13. Sastry Jayanty, Center, CO
- 14. Susan Latshaw, Fort Collins, CO
- 15. Jan Leach, University Distinguished Professor, Colorado State University, Loveland, CO
- 16. Paul Morley, Fort Collins, CO
- 17. Gary Peterson, Fort Collins, CO
- 18. Craig Ramsey, Fort Collins, CO
- 19. Shane C. Schulz, Manager, Government Affairs, QEP Resources Inc., and CARET Delegate Wyoming, Denver, CO
- 20. Cecil & Jeannette Stushnoff, Fort Collins, CO
- 21. Amy Swan, Fort Collins, CO
- 22. Paul Tanger, NSF-IGERT Bioenergy Fellow, Colorado State University, Fort Collins, CO
- 23. Sarah Ward, Associate Professor of Plant Genetics, Colorado State University, Fort Collins, CO
- 24. Erik Wardle, Fort Collins, CO
- 25. Robert Zimdahl, Fort Collins, CO

## Connecticut

- 1. Rashid Ali, Mansfield, CT
- 2. Joan Allen, Assistant Cooperative Extension Educator in Residence, University of Connecticut, Storrs, CT
- 3. Francine Carland, Associate Research Scientist, Department of Molecular, Cellular and Developmental Biology, Yale University, New Haven, CT
- 4. Amanda Chapman, Chester, CT
- 5. Rebecca Kelly, Monsanto Company, Mystic, CT
- 6. Robert E. Marra, Department of Plant Pathology & Ecology, Connecticut Agricultural Experiment Station, New Haven, CT
- 7. Alberto Rivetta, New Haven, CT
- 8. Donna Scherer, Senior Patent Agent, Monsanto Company, Mystic, CT
- 9. Clifford Slayman, Hamden, CT
- 10. Virginia Ursin, Technology Prospecting Lead, Monsanto Company, Mystic, CT

#### Delaware

- 1. Enno Krebbers, Research Director, DuPont Pioneer, Wilmington, DE
- 2. Jung-Youn Lee, Associate Professor, University of Delaware Delaware Biotechnoloy Institute, Newark, DE
- 3. Kelvin Lee, Gore Professor of Chemical Engineering and Director, Delaware Biotechnology Institute, University of Delaware, Newark, DE
- 4. John Martin, Principal, Hall Associates, Georgetown, DE
- 5. Blake Meyers, Professor, University of Delaware, Wilmington, DE
- 6. Maria Pautler, Newark, DE
- 7. Vikas Shedge, Wilmington, DE
- 8. Andrew Skibo, Wilmington, DE
- 9. Mark VanGesel, President, Northeastern Weed Science Society, Georgetown, DE

#### District of Columbia

- 1. Karl Glasener, Director of Science Policy, Crop Science Society of America, Washington, DC
- 2. Ian Maw, Vice President, Food, Agriculture, and Natural Resources, Association of Public and Landgrant Universities, Washington, DC

#### Florida

- 1. Linda Abraham, Archer, FL
- 2. Gary Anderson, Davenport, FL
- 3. Meghan Barnett, Jupiter, FL
- 4. Wes Batten, Glades Crop Care, Inc., Port Saint Lucie, FL
- 5. Barry Brecke, President, Southern Weed Science Society, Jay, FL
- 6. Rachel Broadbent, Lehigh Acres, FL
- 7. Jose Clavijo, University of Florida, Gainesville, FL
- 8. James Cuda, Associate Professor, University of Florida, Gainesville, FL
- 9. Juan Francisco, Indiantown, FL
- 10. Miguel Francisco, Indiantown, FL
- 11. Galen Frantz, Glades Crop Care, Inc., Fort Myers, FL
- 12. Sam Glucksman, Wellington, FL

Letter in Support of Research Funding for Food and Agriculture

- 13. Angela Guttmann, Pensacola, FL
- 14. Charles Guy, Professor, Gainesville, FL
- 15. Subhas Hajeri, Postdoctoral Scholar, University of Florida, Gainesville, FL
- 16. Jim Handley, Executive Vice President, Florida Cattleman's Association, FL
- 17. Zhenli He, Associate Professor, University of Florida, Fort Pierce, FL
- 18. Steve Hoak, Glades Crop Care, Inc., Quincy, FL
- 19. Eric Johnson, North Palm Beach, FL
- 20. Harry Klee, Gainesville, FL
- 21. Tim Leeder, West Palm Beach, FL
- 22. Ramon Leon, Miami, FL
- 23. Leon Lucas, Glades Crop Care, Inc., Lehigh Acres, FL
- 24. Aaron Malek, Lehigh Acres, FL
- 25. Elizabeth Malek, Lehigh Acres, FL
- 26. Maurice Mausbach, Flagler Beach, FL
- 27. Sandy McCarthy, Jupiter, FL
- 28. H. Charles Mellinger, Director of Technical Services, Glades Crop Care, Inc., Jupiter, FL
- 29. Madeline Mellinger, President, Glades Crop Care, Inc., Jupiter, FL
- 30. Chris Miller, Glades Crop Care, Inc., West Palm Beach, FL
- 31. Robert Morrissey, Executive Director, National Watermelon Association, Lakeland, FL
- 32. Patricia Moussatche, Associate Fellow, Foundation for Applied Molecular Evolution, Gainesville, FL
- 33. David Oppenheimer, Associate Professor, University of Florida, Gainesville, FL
- 34. Julio Pachon, Miami, FL
- 35. Felicia Parks, Glades Crop Care, Inc., Fort Myers, FL
- 36. Jackie Price, Jupiter, FL
- 37. Brent Sellers, Bowling Green, FL
- 38. Lynn Sollenberger, Professor, Gainesville, FL
- 39. Aja Stoppe, Soil Science Society of America, Gainesville, FL
- 40. Dudley Sutherland, Glades Crop Care, Inc., West Palm Beach, FL
- 41. Sharon Tan, Gainesville, FL
- 42. Barry Tillman, Marianna, FL
- 43. Joao Vendramini, Ona, FL

#### Georgia

- 1. James Arnold, Graduate Student, University of Georgia, Athens, GA
- 2. Melani Atmodjo, Postdoctoral researcher, University of Georgia, Athens, GA
- 3. Brunie Burgos, Athens, GA
- 4. Jeffrey Dean, Professor, University of Georgia, Athens, GA
- 5. Myles Gilbson, Glades Crop Care, Inc., Donalsonville, GA
- 6. Keith Harris, Head, Department of Pathology, University of Georiga, Athens, GA
- 7. Murray Hines, Director, Veterinary Diagnostic and Investigational Laboratory, Tifton, GA
- 8. Andrew Johnson, Athens, GA
- 9. Mark McClain, Canton, GA
- 10. Campbell Nairn, Associate Professor, University of Georgia, Athens, GA
- 11. Peggy Ozias-Akins, Professor, University of Georgia, Tifton, GA
- 12. Andrew Parks, Professor, Bogart, GA
- 13. John Peroni, Associate Professor, University of Georgia, Athens, GA

## Letter in Support of Research Funding for Food and Agriculture

- 14. Thomas Potter, Valdosta, GA
- 15. David Radcliffe, Athens, GA
- 16. Sree Rajeev, Tifton, GA
- 17. Ethan Roberson, Athens, GA
- 18. Kaori Sakamoto, Assistant Professor, University of Georgia, Athens, GA
- 19. Susan Sanchez, Professor, College of Veterinary Medicine, University of Georgia, Athens, GA
- 20. John L. Sherwood, Athens, GA
- 21. Armando Tasistro, Watkinsville, GA
- 22. Aaron Thompson, Athens, GA
- 23. Chung-Jui Tsai, Professor and Georgia Research Alliance Eminent Scholar, University of Georgia, Athens, GA
- 24. William Vencill, Professor, University of Georgia, Athens, GA
- 25. Amelia Woolums, Professor, University of Georgia, Athens, GA
- 26. Zhenghua Ye, Professor, University of Georgia, Athens, GA

#### Hawaii

- 1. Susan Miyasaka, Pepeekeo, HI
- 2. Ruth Niino-DuPonte, Research Support, University of Hawaii, Hilo, HI

## Idaho

- 1. Xinran Du, University of Idaho, Moscow, ID
- 2. Zonglie Hong, Professor, University of Idaho, Moscow, ID
- 3. Allan Landon, Idaho Falls, ID
- 4. Don Morishita, Kimberly, ID
- 5. Marty Schraer, Meridian, ID
- 6. Debi Warnick, Licensing Manager, Syngenta Seeds, Inc., Eagle, ID

#### Illinois

- 1. Sara Allen, Technical Representative, Monsanto Company, Bonnie, IL
- 2. Louise Anderson, Chicago, IL
- 3. Joy Bergelson, Chicago, IL
- 4. Mark Bernards, Macomb, IL
- 5. Jerold Bietz, East Peoria, IL
- 6. Subbaiah Chalivendra, Senior Scientist, Valent BioSciences Corporation, Long Grove, IL
- 7. Aldo Crovetti, Lake Forest, IL
- 8. Anna Dobritsa, University of Chicago, Chicago, IL
- 9. Adam Driks, Chicago, IL
- 10. Bhupinder Farmaha, Urbana, IL
- 11. George Geatz, Urbana, IL
- 12. Sue Gray, Agronomic Consultant, Geneseo, IL
- 13. Jean Greenberg, Professor, Chicago, IL
- 14. Vatren Jurin, Technical Diector, Brandt Consolidated, Inc., Chatham, IL
- 15. James Kennedy, Certified Crop Advisor, Advanced Crop Care, Inc., Hampshire, IL
- 16. Gayle Lamppa, Associate Professor, University of Chicago, Chicago, IL

Letter in Support of Research Funding for Food and Agriculture

- 17. Courtney Leisner, Urbana, IL
- 18. John Lohse, Professional Soil Scientist, Illinois Department of Agriculture, Springfield, IL
- 19. Ray Ming, Champaign, IL
- 20. Kenneth Olson, Schaumburg, IL
- 21. Lauren Quinn, Urbana, IL
- 22. Michael Ricketts, Chicago, IL
- 23. Jon Scholl, President, American Farmland Trust, IL
- 24. Richard Schultz, Professor, School of Medicine, Loyola University Chicago, Oak Park, IL
- 25. John Sedbrook, Bloomington, IL
- 26. Wes Shadow, Busness Development Manager, Perten Instruments, Springfield, IL
- 27. Patrick Tranel, Professor, Weed Science Society of America, Urbana, IL
- 28. Marty Williams, Urbana, IL
- 29. Aaron Wyman, Sandwich, IL
- 30. Pi-Chen Yam, Maywood, IL
- 31. Bryan Young, Professor, Southern Illinois University, Carbondale, IL
- 32. Bozena Zemaitaitis, Research Specialist, Loyola University Medical Center, Maywood, IL
- 33. Raymond Zielinski, Champaign, IL

#### Indiana

- 1. Jay Akridge, Glenn W. Sample Dean of Agriculture, Purdue University, West Lafayette, IN
- 2. Sara Alford, Member, American Society of Agronomy, West Lafayette, IN
- 3. Elizabeth Baker, Undergraduate, Purdue University, Indianapolis, IN
- 4. Louise Beaman, Purdue University and National CARET, IN
- 5. Benjamin Bergsma, Lafayette, IN
- 6. Zhulong Chan, Purdue University, West Lafayette, IN
- 7. Clint Chapple, Distinguished Professor and Head, Department of Biochemistry, Purdue University, West Lafayette, IN
- 8. Joseph Cox, Lafayette, IN
- 9. Courtney Creamer, West Lafayette, IN
- 10. Tom Creswell, Director, Plant & Pest Diagnostic Lab, Purdue University, West Lafayette, IN
- 11. Cody Fink, Cambridge City, IN
- 12. Ken Foster, Professor and Head, Department of Agricultural Economics, Purdue University, West Lafayette, IN
- 13. John Graveel, West Lafayette, IN
- 14. Roger Innes, Professor and Chair of Biology, Indiana University, Bloomington, IN
- 15. John Jachetta, Regulatory Sciences & Government Affairs Leader, Dow AgroSciences LLC, Zionsville, IN
- 16. Jose C. Jimenez-Lopez, West Lafayette, IN
- 17. Bill Johnson, Professor of Weed Science, Purdue University, West Lafayette, IN
- 18. Robert Joly, Professor and Head, Department of Horticulture and Landscape Architecture, Purdue University, West Lafayette, IN
- 19. Klaus Koehler, Global Corn Breeding Leader, Dow AgroSciences LLC, Indianapolis, IN
- 20. Tyler Koschnick, President, Aquatic Plant Management Society, Carmel, IN
- 21. Ray D. Martyn, Professor, Purdue University, West Lafayette, IN
- 22. Alan Mathew, Professor and Head, Department of Animal Sciences, Purdue University, West Lafayette, IN
- 23. Herbert Ohm, West Lafayette, IN

## Letter in Support of Research Funding for Food and Agriculture

- 24. Karen Plaut, Director and Associate Dean for Research, College of Agriculture, Purdue University, West Lafayette, IN
- 25. Rebecca J. Roach, Purdue University Representative to CARET, Linton, IN
- 26. Andy Robinson, West Lafayette, IN
- 27. Jared Roskamp, West Lafayette, IN
- 28. Albert Ruesink, Professor of Biology, Indiana University, Bloomington, IN
- 29. Darrell Schulze, Professor of Soil Science, Purdue University, West Lafayette, IN
- 30. Samantha Shoaf, Lafayette, IN
- 31. Vipula Shukla, Indianapolis, IN
- Robert Swihart, Professor and Head, Department of Forestry and Natural Resources, Purdue University, West Lafayette, IN
- 33. Dan Szymanski, Professor, Purdue University, West Lafayette, IN
- 34. Kirsten Thomas, Graduate Student, Purdue University, West Lafayette, IN
- 35. Terence Walsh, Zionsville, IN
- 36. Randall Warden, Vice President, A&L Great Lakes Laboratories, Inc., Fort Wayne, IN
- 37. Joshua Widhalm, West Lafayette, IN
- 38. Steve Yaninek, Professor and Head, Department of Entomology, Purdue University, West Lafayette, IN

#### Iowa

- 1. Ajith Anand, DesMoines, IA
- 2. Silvia R Cianzio, Ames, IA
- 3. Jim Frederick, Orient, IA
- 4. Gregory Geoffroy, President, Iowa State University, Ames, IA
- 5. John Grandin, Certified Professional Agronomist, State Center, IA
- 6. Emily Heaton, Assistant Professor, Iowa State University, Ames, IA
- 7. Stephen Howell, Ames, IA
- 8. Charles Hurburgh, Ames, IA
- 9. Dave Johnson, Des Moines, IA
- 10. Todd Jones, Johnston, IA
- 11. Todd Krone, Research Director, Pioneer Hi-Bred International, a DuPont Business, Johnston, IA
- 12. Bill Kuhn, Retired Corn Research Director, Pioneer Hi-Bred International, a DuPont Business, Urbandale, IA
- 13. Kendall Lamkey, Professor and Chair, Iowa State University, Ames, IA
- 14. Susan Lamont, Ames, IA
- 15. Don Latham, President, DTB Farms, Alexandria, IA
- 16. Shai Lawit, Research Scientist, Pioneer Hi-Bred International, a DuPont Business, Johnston, IA
- 17. Todd Leister, Program Leader, Pioneer Hi-Bred International, a DuPont Business, Johnston, IA
- 18. Dale Loussaert, Johnston, IA
- 19. Gustavo MacIntosh, Ames, IA
- 20. Chris Meyer, Iowa State University, Ames, IA
- 21. Rasika Mudalige, Dubuque, IA
- 22. Gary Munkvold, Ames, IA
- 23. Michael Muszynski, Adjunct Assistant Professor, Iowa State University, Ames, IA
- 24. Ehsan Razavy Toosi, Iowa State University, Ames, IA
- 25. James Reecy, Ames, IA
- 26. Jim Register, Ames, IA

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- 27. Peter Reilly, Distinguished Professor, Iowa State University, Ames, IA
- 28. Patrick Schnable, Professor and Center Director, Iowa State University, Ames, IA
- 29. Mack Shelley, Professor, Iowa State University, Ames, IA
- 30. Chris Steichen, Research Scientist, Johnston, IA
- 31. Madeline Tomka, Member, Soil Science Society of America, Des Moines, IA
- 32. Tong Wang, Professor, Iowa State University, Ames, IA
- 33. David Warner, Program Leader, Ag Traits, DuPont, Johnston, IA
- 34. Wendy Wintersteen, Dean, College of Agriculture, Iowa State University, Ames, IA
- 35. Bing Yang, Assistant Professor, Iowa State University, Ames, IA

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- 1. Randall Currie, Kansas State University, Garden City, KS
- 2. Jennifer Jester, Assistant Scientist, Garden City, KS
- 3. Toby Moore, Director of Research, AIB International, Manhattan, KS
- 4. Derek Mosier, Professor, Kansas State University, Manhattan, KS
- 5. Ken Obasa, Manhattan, KS
- 6. David Renter, Manhattan, KS
- 7. Stephen Schorn, Salina, KS
- 8. Kathrin Schrick, Assistant Professor, Kansas State University, Manhattan, KS
- 9. Patrick Splichal, Olathe, KS
- 10. Brad White, Manhattan, KS
- 11. Qingyu Wu, Graduate Research Assistant, Kansas State University, Manhattan, KS

## Kentucky

- 1. Michelle Armstrong, Vice President, Kentucky Women in Agriculture, Inc., KY
- 2. Michael Barrett, Professor, University of Kentucky, Lexington, KY
- 3. Paul Bertsch, Professor and Director, University of Kentucky, Lexington, KY
- 4. Joe Chappell, Professor, Lexington, KY
- 5. Kimberly Cook, Bowling Green, KY
- 6. Nader Deeb, Bowling Green, KY
- 7. Becky Gilfillen, Professor of Agronomy-Soil Science, Western Kentucky University, Bowling Green, KY
- 8. Brad Gottshall, University of Louisville, Louisville, KY
- 9. Jimmy C. Henning, Associate Dean and Director for UK Cooperative Extension, University of Kentucky, Lexington, KY
- 10. Teresa Johns, Lab Supervisor, Siemer Milling Company, Hopkinsville, KY
- 11. Sitakanta Pattanaik, Scientist, University of Kentucky, Lexington, KY
- 12. Dave Robinson, Louisville, KY
- 13. Brent Rogers, Morehead, KY
- 14. Mary Witt, Professor of Horticulture, University of Kentucky, Lexington, KY
- 15. William Witt, Lexington, KY
- 16. Carol Wymer, Morehead, KY
- 17. Ling Yuan, Professor, University of Kentucky, Lexington, KY

## Louisiana

- 1. Craig Aguillard, Aquatic Market Manager, Winfield Solutions LLC, Ville Platte, LA
- 2. Elena Batista, Baton Rouge, LA
- 3. Heping Cao, Research Scientist, USDA Agricultural Research Service, New Orleans, LA
- 4. Lawrence E. Datnoff, Professor and Head, Department of Plant Pathology & Crop Physiology, Louisiana State University, Baton Rouge, LA
- 5. Donald M. Ferrin, Associate Professor, Department of Plant Pathology & Crop Physiology, Louisiana State University, Baton Rouge, LA
- 6. Kenneth Gravois, Professor, Louisiana State University Agricultural Center, Baton Rouge, LA
- 7. Carrie Knott, Baton Rouge, LA
- 8. Angela LeBlanc, Senior Production Lab Tech, Syngenta LLC, St. Gabriel, LA
- 9. Sarah Lingle, Kenner, LA
- 10. David Morrison, Baton Rouge, LA
- 11. Christine Navarre, Port Allen, LA
- 12. James Oard, Professor, Louisiana State University Agricultural Center, Baton Rouge, LA
- 13. C.A. "Buck" Vandersteen, Executive Director, Louisiana Forestry Assocation and CARET-Louisiana, Alexandria, LA

## Maine

- 1. Alice Begin, Owner/Operator, River Run Farm, Dover Foxcroft, ME
- 2. Jeffrey Feaga, PhD Wildlife Biologist, Hallowell, ME
- 3. Eric Gallandt, Associate Professor of Weed Ecology, University of Maine, Orono, ME
- 4. Ilga Winicov, Waldoboro, ME

## Maryland

- 1. Bill Doley, Lanham, MD
- 2. J. Robert Frazee, President and CEO, MidAtlantic Farm Credit and CARET Delegate University of Maryland, College Park, MD
- 3. Elisabeth Gantt (NAS), Bethesda, MD
- 4. Deirdre Griffin, Hyattsville, MD
- 5. Courtney Hollender, Member, American Society of Plant Biologists, Greenbelt, MD
- 6. Nazrul Islam, University of Maryland, Silver Spring, MD
- 7. Josephine Johnson, Baltimore, MD
- 8. Robert Kratochvil, Extension Specialist Crop Production, College Park, MD
- 9. Roger Lawson, Columbia, MD
- 10. Rongshuang Lin, College Park, MD
- 11. Matthew McClure, Columbia, MD
- 12. Kathy Munkvold, Plant Science Policy Fellow, American Society of Plant Biologists, Rockville, MD
- 13. Yakov Pachepsky, Laurel, MD
- 14. Paja Sijacic, University of Maryland, College Park, MD
- 15. Robert Slocum, Professor, Goucher College, Towson, MD
- 16. Ganesh Sriram, Assistant Professor, University of Maryland, College Park, MD
- 17. R. Thomas (Tom) Van Arsdall, President, Van Arsdall & Associates, Chester, MD
- 18. Ely Vea, IR-4 Project, Crownsville, MD
- 19. William Williams, Professor of Biology, St. Mary's College of Maryland, St. Mary's City, MD

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- 20. Stephanie Yarwood, College Park, MD
- 21. Jianhua Zhu, Assistant Professor, University of Maryland, College Park, MD

## Massachusetts

- 1. Ganisher Abbasov, Amherst, MA
- 2. Allen Barker, Professor, University of Massachusetts Amherst, Amherst, MA
- 3. Kevin Bartsch, Wareham, MA
- 4. Tobias Baskin, Professor, Amherst, MA
- 5. Alice Cheung, Professor, Amherst, MA
- 6. Adan Colon-Carmona, Associate Professor, Department of Biology, University of Massachusetts Boston, Boston, MA
- 7. Michelle DaCosta, University of Massachusetts Amherst, Amherst, MA
- 8. Greg Deiulio, Sunderland, MA
- 9. Wenjuan Fang, University of Massachusetts Amherst, Amherst, MA
- 10. Mary Gehring, Whitehead Institute for Biomedical Research, Cambridge, MA
- 11. Ilana Goldowitz, Boston, MA
- 12. Samuel Hazen, Assistant Professor, University of Massachusetts Amherst, Amherst, MA
- 13. Peter Hepler, Amherst, MA
- 14. Li Li, Research Fellow, Massachusetts General Hospital, Boston, MA
- 15. Michael Nodine, Cambridge, MA
- 16. Jennifer Normanly, Hadley, MA
- 17. Om Parkash (Dhankher), Assistant Professor, University of Massachusetts Amherst, Amherst, MA
- 18. Hilary Sandler, Cranberry IPM/Weed Specialist, East Wareham, MA
- 19. Pamela Weathers, Professor, Worcester Polytechnic Institute, Worcester, MA
- 20. Hen-Ming Wu, Amherst, MA
- 21. Shengbao Xu, Amherst, MA
- 22. Burcu Yordem, University of Massachusetts Amherst, Amherst, MA

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- 1. William Baird, Professor and Chairperson, Department of Horticulture, Michigan State University, East Lansing, MI
- 2. Ronald Bates, Professor, Michigan State University, East Lansing, MI
- 3. Federica Brandizzi, Professor, Michigan State University, East lansing, MI
- 4. Drey Clark, East Lansing, MI
- 5. Brad Day, East Lansing, MI
- 6. Jerry Dodgson, Professor, Michigan State University, East Lansing, MI
- 7. Marcus Duck, Academic Advisor & Instructor, Michigan State University, Lansing, MI
- 8. Catherine Ernst, East Lansing, MI
- 9. Amanda Goffnett, East Lansing, MI
- 10. Rebecca Grumet, East Lansing, MI
- 11. Yongfeng Guo, Ann Arbor, MI
- 12. David Hall, Lab Attendant, Holt, MI
- 13. Gregg Howe, Professor, Michigan State University, East Lansing, MI
- 14. Jianping Hu, Haslett, MI
- 15. Kathleen Imre, Research Lab Technician, Michigan State University, East Lansing, MI

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- 16. YongSig Kim, Okemos, MI
- 17. Abraham Jeong-Kyu Koo, Visiting Assistant Professor, Michigan State University, East Lansing, MI
- 18. Phil Korson, President, Cherry Marketing Institute, Lansing, MI
- 19. Gregory Lang, Professor, Michigan State University, East Lansing, MI
- 20. Robert Last, Professor of Biochemistry, Michigan State University, East Lansing, MI
- 21. Hui Li, Professor, Michigan State University, East Lansing, MI
- 22. Jianming Li, Professor, University of Michigan, Ann Arbor, MI
- 23. Aaron Liepman, Ypsilanti, MI
- 24. Kirk McMorran, Lansing, MI
- 25. Beronda Montgomery, East Lansing, MI
- 26. Rachel Naegele, East Lansing, MI
- 27. G. Philip Robertson, University Distinguished Professor, Michigan State University, Hickory Corners, MI
- 28. Peter Saama, Adjunct Professor, Michigan State University, East Lansing, MI
- 29. Thomas Sharkey, Professor, East Lansing, MI
- 30. Guo-qing Song, East Lansing, MI
- 31. Gale Strasburg, Professor, East Lansing, MI
- 32. Erin Taylor, Research Associate, Michigan State University, East Lansing, MI
- 33. Rodney Tocco, East Lansing, MI
- 34. Cody Tyrrell, Ubly, MI

#### Minnesota

- 1. James Anderson, St. Paul, MN
- 2. Paul Bates, Assistant Professor, University of Minnesota Duluth, Duluth, MN
- 3. Mary Buschette, St. Paul, MN
- 4. William R. Bushnell, Emeritus Professor of Plant Pathology, University of Minnesota, St. Paul, MN
- 5. Clay Carter, Associate Professor, University of Minnesota Duluth, Duluth, MN
- 6. Changbin Chen, St. Paul, MN
- 7. Charles Clapp, International Humic Substances Society, St. Paul, MN
- 8. Jodi DeJong-Hughes, University of Minnesota Extension, Marshall, MN
- 9. Beverly Durgan, Dean, University of Minnesota Extension, St. Paul, MN
- 10. Nancy Ehlke, Professor and Head, University of Minnesota, St. Paul, MN
- 11. Scott Fahrenkrug, Associate Professor, University of Minnesota, Minneapolis, MN
- 12. Gary Gardner, Professor, University of Minnesota, St. Paul, MN
- 13. Jeffrey Gunsolus, St. Paul, MN
- 14. Ann Impullitti, Assistant Professor of Biology, Augsburg College, Minneapolis, MN
- 15. Carol Ishimaru, Professor and Head, Department of Plant Pathology, University of Minnesota, St. Paul, MN
- 16. Albert Kertho, St. Paul, MN
- 17. Molly McCue, Assistant Professor, College of Veterinary Medicine, University of Minnesota, St. Paul, MN
- 18. Kevin Mueller, St. Paul, MN
- 19. Abel Ponce de Leon, St. Paul, MN
- 20. Rob Proulx, Crookston, MN
- 21. Anke Reinders, University of Minnesota, St. Paul, MN
- 22. Carl Rosen, Professor, University of Minnesota, St. Paul, MN
- 23. Susan Singer, Northfield, MN
- 24. Lizabeth Stahl, Sherburn, MN

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- 25. Robert Stupar, St. Paul, MN
- 26. Kathryn A. VandenBosch, Professor and Head, Department of Plant Biology, University of Minnesota, St. Paul, MN
- 27. Mark Wrucke, President, North Central Weed Science Society, Farmington, MN
- 28. Nevin Young, St. Paul, MN

## Mississippi

- 1. Barry L. Bequette, Dean, School of Agriculture, Research, Extension and Applied Sciences, and Director of Land Grant Programs, Alcorn State University, Alcorn State, MS
- 2. Normie Beuhring, Verona, MS
- 3. Deborah Brennan, Greenville, MS
- 4. Normie Buehring, Verona, MS
- 5. Tom Eubank, Assistant Research Professor, Mississippi State University, Stoneville, MS
- 6. Marilyn Warburton, Mississippi State University, MS

#### Missouri

- 1. Paul Anderson, St. Louis, MO
- 2. Heidi Appel, Columbia, MO
- 3. Charles Armstrong, O'Fallon, MO
- 4. Roger Beachy (NAS), Professor of Biology, Washington University in St. Louis; Former Director, National Institute of Food and Agriculture; and President Emeritus, Donald Danforth Plant Science Center, St. Louis, MO
- 5. Kevin Bradley, Weed Science Society of America, Columbia, MO
- 6. Brett Bussler, St. Louis, MO
- 7. James Carrington, President, Donald Danforth Plant Science Center, Clayton, MO
- 8. James Deutsch, Marshall, MO
- 9. Brian Ermeling, Director, Animal Care Quality Assurance, University of Missouri, Columbia, MO
- 10. David Fischhoff, Vice President, Technology Strategy, Monsanto Company, St. Louis, MO
- 11. Roxanne Gelven, Research Specialist, University of Missouri, Columbia, MO
- 12. Leslie Hicks, Assistant Member, Director of Proteomics & Mass Spectrometry, Donald Danforth Plant Science Center, St. Louis, MO
- 13. Suzanne Hill, Kansas City, MO
- 14. Jan Jaworski, Principal Investigator, Donald Danforth Plant Science Center, St Louis, MO
- 15. Joseph Jez, Associate Professor, Washington University in St. Louis, St. Louis, MO
- 16. Li Kang, St. Louis, MO
- 17. Balasulojini Karunanandaa, Project Lead, Monsanto Company, St. Louis, MO
- 18. Elizabeth Kellogg, St. Louis, MO
- 19. John Koster, Independence, MO
- 20. Sophia Koster, Independence, MO
- 21. Toni M. Kutchan, Donald Danforth Plant Science Center, St. Louis, MO
- 22. Yun Lin, Chesterfield, MO
- 23. Jan Miernyk, Columbia, MO
- 24. Todd Mockler, Donald Danforth Plant Science Center, St. Louis, MO
- 25. Benjamin Moore, Columbia, MO
- 26. Andrew Mutka, Washington University in St. Louis, St. Louis, MO

Letter in Support of Research Funding for Food and Agriculture

- 27. Sona Pandey, Principal Investigator, Donald Danforth Plant Science Center, St. Louis, MO
- 28. Scott Peck, Associate Professor, University of Missouri, Columbia, MO
- 29. William Pickard, Professor, University City, MO
- 30. Holly Ramey, University of Missouri, Columbia, MO
- 31. Xavier Revelo, University of Missouri, Columbia, MO
- 32. Rocio Rivera, Assistant Professor, University of Missouri, Columbia, MO
- 33. Megan Rolf, Graduate Research Assistant, University of Missouri, Columbia, MO
- 34. Tim Safranski, Auxvasse, MO
- 35. Doug Sammons, Senior Fellow, Monsanto Company, St. Louis, MO
- 36. Anomaa Senaviratne, University of Missouri, Columbia, MO
- 37. Lee Spate, Columbia, MO
- 38. Jeremy Taylor, Curators' Professor, University of Missouri, Columbia, MO
- 39. Greg Tilton, Scientist, Monsanto Company, Chesterfield, MO
- 40. David Waller, Sales Manager, Nor-Am Cold Storage, Saint Joseph, MO
- 41. Xuemin Wang, Desmond Lee Professor of Plant Sciences in Connection with Donald Danforth Plant Science Center, University of Missouri-St. Louis, St. Louis, MO
- 42. Denise Warzak, Columbia, MO

#### Montana

- 1. Li Huang, Bozeman, MT
- 2. Kurt Kammerzell, Chester, MT
- 3. Dan Lake, Secretary, Lake Seed, Inc., Ronan, MT
- 4. Joseph F. McDonald, President Emeritus, Salish Kootenai College and CARET Delegate American Indian Higher Education Consortium, Pablo, MT
- 5. Perry Miller, Bozeman, MT
- 6. Tracy Sterling, Professor and Department Head, Montana State University, Bozeman, MT
- 7. Jason Swanz, Owner, S & G Livestock, Judith Gap, MT
- 8. Olga Walsh, Assistant Professor, Soil Nutrient Management, Montana State University, Great Falls, MT

#### Nebraska

- 1. P. Stephen Baenziger, Lincoln, NE
- 2. Jocelyn Bishop, Beatrice, NE
- 3. Edgar Cahoon, Lincoln, NE
- 4. Heriberto Cerutti, Lincoln, NE
- 5. Raymond Chollet, W.W. Marshall Family University Professor Emeritus, University of Nebraska, Lincoln, NE
- 6. Jim Culver, Soil Scientist, USDA (retired), Lincoln, NE
- 7. Scott Dworak, University of Nebraska, Lincoln, NE
- 8. Rod Gangwish, CARET Delegate Nebraska, Rod Gangwish Farms, Shelton, NE
- 9. Richard C. Hahn, CARET Delegate Nebraska, Omaha, NE
- 10. Michael B. Jacobson, President and CEO, NebraskaLand National Bank, North Platte, NE
- 11. Zamir Libohova, Lincoln, NE
- 12. John Lindquist, Professor, University of Nebraska, Lincoln, NE
- 13. Aaron Lorenz, Assistant Professor, University of Nebraska, Lincoln, NE
- 14. Drew Lyon, Scottsbluff, NE

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- 15. Thomas Rathje, Seward, NE
- 16. Lowell Sandell, Lincoln, NE
- 17. Jared Schmidt, Lincoln, NE
- 18. Mon-Ray Shao, Lincoln, NE
- 19. Julie Stone, Associate Professor, University of Nebraska, Lincoln, NE
- 20. Paul Twigg, Kearney, NE
- 21. Robert Wilson, Professor of Agronomy, University of Nebraska, Scottsbluff, NE

## Nevada

- 1. Grant Cramer, Professor, University of Nevada, Reno, Reno, NV
- 2. Jeffrey Harper, Reno, NV
- 3. Meral Tunc, Postdoc, University of Nevada, Reno, Reno, NV

## New Hampshire

- 1. Mary Lou Guerinot, Hanover, NH
- 2. Tom Jack, Hanover, NH
- 3. Anita Klein, Faculty Fellow New Hampshire Agricultural Experiment Station, Durham, NH
- 4. G. Eric Schaller, Hanover, NH
- 5. Jon M. Wraith, Interim Dean and Director, College of Life Sciences and Agriculture and NH Agricultural Experiment Station, University of New Hampshire, Durham, NH

#### New Jersey

- 1. Laura Cortese, Rutgers, The State University of New Jersey, New Brunswick, NJ
- 2. Ari Novy, Piscataway, NJ
- 3. Tarinee Tungsuchat, Waksman Institute of Microbiology, Piscataway, NJ

#### New Mexico

- 1. Sara Arthur, Albuquerque, NM
- 2. Andrea Atencio-Beauregard, Albuquerque, NM
- 3. Michael Beauregard, Albuquerque, NM
- 4. Emily Clark, Soil Scientist, Albuquerque, NM
- 5. Mike P. Doyle, Albuquerque, NM
- 6. Marcia Fernandez, Albuquerque, NM
- 7. Mary Lucero, Las Cruces, NM
- 8. Jill Schroeder, Las Cruces, NM

#### New York

- 1. George S. Abawi, Professor, Cornell University, and Vice President, American Phytopathological Society, Ithaca, NY
- 2. Robin Bellinder, Ithaca, NY
- 3. Gary Bergstrom, Professor, Cornell University, Ithaca, NY
- 4. Aureliano Bombarely Gomez, Ithaca, NY

Letter in Support of Research Funding for Food and Agriculture

- 5. Kathryn Boor, Ronald P. Lynch Dean, Cornell University College of Agriculture and Life Sciences, Ithaca, NY
- 6. Thomas Brutnell, Ithaca, NY
- 7. Nam-Hai Chua, Andrew W. Mellon Professor, Rockefeller University, New York, NY
- 8. Marcos De Donato, Ithaca, NY
- 9. Deborah Delmer, Professor Emeritus, University of California, Davis, New York, NY
- 10. Antonio DiTommaso, Ithaca, NY
- 11. David Domozych, Professor, Skidmore College, Saratoga Springs, NY
- 12. Anthony Eallonardo Jr., Syracuse, NY
- 13. Elizabeth Earle, Professor, Cornell University, Ithaca, NY
- 14. Alex Ellram, Professor of Plant Science, State University of New York College of Agriculture and Technology at Cobleskill, Cobleskill, NY
- 15. Cheryld Emmons, Alfred, NY
- 16. Robert Harbert, Member, American Society of Plant Biologists, Ithaca, NY
- 17. Jay Hardenburg, Viticulture Manager, National Grape Cooperative/Welch's, Westfield, NY
- 18. Jian Hua, Ithaca, NY
- 19. Andre Hudson, Assistant Professor, Rochester Institute of Technology, Rochester, NY
- 20. Allison L.H. Jack, PhD Candidate, Cornell University, Ithaca, NY
- 21. Farnaz Kordbacheh, PhD Student (Visiting Fellow), Cornell University, Ithaca, NY
- 22. Amy Langner, Lowville, NY
- 23. Ayalew Ligaba, Ithaca, NY
- 24. Ronald P. Lynch, Dean, College of Agriculture and Life Sciences, Cornell University, Ithaca, NY
- 25. Antonio J. Matas Arroyo, Ithaca, NY
- 26. Jeff Melkonian, Senior Research Associate, Cornell University, Ithaca, NY
- 27. Naama Menda, Ithaca, NY
- 28. Charles Mohler, Senior Research Associate, Cornell University, Ithaca, NY
- 29. Brian Olson, Geneva, NY
- 30. Jocelyn Rose, Professor, Cornell University, Ithaca, NY
- 31. Charlene Ryder, Dunkirk, NY
- 32. Dharmendra Singh, Ithaca, NY
- 33. Lawrence Smart, Geneva, NY
- 34. Mark Sorrells, Professor, Cornell University, Ithaca, NY
- 35. Ruth Stark, Director, CUNY Institute for Macromolecular Assemblies, City College of New York, City University of New York, New York, NY
- 36. David Stern, President, Boyce Thompson Institute for Plant Research, Ithaca, NY
- 37. Robert Turgeon, Ithaca, NY
- 38. Leonard Weinstein, Scientist Emeritus, White Plains, NY
- 39. Wayne Wilcox, Professor and Associate Chair, Cornell University, Ithaca, NY
- 40. Peter Woodbury, Ithaca, NY
- 41. Eleanore Wurtzel, Professor, Lehman College, City University of New York, Bronx, NY
- 42. Xiangjun Zhou, Research Associate, Cornell University, Ithaca, NY

#### North Carolina

- 1. Laryssa Baldridge, Duke University, Durham, NC
- 2. D.M. Benson, Professor, North Carolina State University, Raleigh, NC
- 3. Esteban Bortiri, Durham, NC

- 4. Ashley Brooks, Raleigh, NC
- 5. Dale Carlson, Project Manager, BASF Plant Science, Research Triangle Park, NC
- 6. Barney Caton, Hillsborough, NC
- 7. Heidi Cederholm, Durham, NC
- 8. Meng Chen, Assistant Professor of Biology, Duke University, Durham, NC
- 9. Gregory Copenhaver, Chapel Hill, NC
- 10. Peter Decker, Durham, NC
- 11. Todd DeZwaan, Apex, NC
- 12. Sharon Edwards, Wadesboro, NC
- 13. Miguel Flores Vergara, North Carolina State University, Raleigh, NC
- 14. Miranda Ganci, Student, North Carolina State University, Raleigh, NC
- 15. Harry Gross, Raleigh, NC
- 16. Linda Hanley-Bowdoin, William Neal Reynolds Distinguished Professor, North Carolina State University, Raleigh, NC
- 17. Yijian Huang, Raleigh, NC
- 18. Louisa Liberman, Postdoctoral Scholar, Duke University, Hillsborough, NC
- 19. Steven Lommel, Professor and Assistant Vice-Chancellor, North Carolina State University, Raleigh, NC
- 20. Scots L. Mankin, Raleigh, NC
- 21. Lucky Mehra, Graduate Student, North Carolina State University, Raleigh, NC
- 22. Charles Mihaliak, R&D Project Managment Leader, Syngenta, Research Triangle Park, NC
- 23. Thomas Mitchell-Olds, Professor, Duke University, Durham, NC
- 24. Donald Nelson, Monsanto Company, Research Triangle Park, NC
- 25. Patrick Nevarez, Durham, NC
- 26. Pete Pascuzzi, Raleigh, NC
- 27. Eric Rogers, Research Scientist, Duke University, Durham, NC
- 28. Carol J. Shields, Community Trainer & Consultant, Scotland Neck, NC
- 29. Aron Silverstone, Project Manager, Syngenta Biotechnology, Inc., Durham, NC
- 30. Bijay Singh, Cary, NC
- 31. Douglas Snyder, Cary, NC
- 32. Rosangela Sozzani, Duke University, Durham, NC
- 33. Erin Sparks, Durham, NC
- 34. Benjamin Stormo, Graduate Student in Biological Sciences, Duke University, Durham, NC
- 35. Tai-ping Sun, Professor of Biology, Duke University, Durham, NC
- 36. William Thompson, Distinguished University Research Professor, North Carolina State University, Raleigh, NC
- 37. Christopher Topp, Postdoctoral Associate, Duke University, Durham, NC
- 38. Ann Umbach, Durham, NC
- 39. Manuel Valdes, Graduate student, Duke University, Durham, NC
- 40. Hans von Amsberg, President, KHH BioSci Inc., Chapel Hill, NC
- 41. Todd Wehner, Raleigh, NC
- 42. Aaron Wiig, Scientist, BASF Plant Science, Durham, NC
- 43. Cara Winter, Postdoctoral Associate, Duke University, Durham, NC
- 44. Shunping Yan, Duke University, Durham, NC

Letter in Support of Research Funding for Food and Agriculture

## North Dakota

- 1. Jerry Doan, Caret Representative, North Dakota State University, McKenzie, ND
- 2. Justin Faris, Fargo, ND
- 3. Marion Harris, Professor of Entomology, North Dakota State University, Fargo, ND
- 4. Shahryar Kianian, Professor, North Dakota State University, Fargo, ND
- 5. Rodney Lym, Fargo, ND
- 6. Amy Robak-Bruce, Milnor, ND
- 7. Galen Schroeder, Owner, Dakota Indexing LLC, Fargo, ND

## Ohio

- 1. Walter E. Auch III, Research Postdoc, Cleveland Botanical Garden, Cleveland, OH
- 2. James Bauder, Canton, OH
- 3. Pierluigi Bonello, Professor, Department of Plant Pathology, Ohio State University, Columbus, OH
- 4. Jelena Brkljacic, Columbus, OH
- 5. Luke Case, Sherwood, OH
- 6. Warren Dick, Wooster, OH
- 7. Anne Dorrance, Wooster, OH
- 8. John Gray, Director of University of Toledo Plant Science Center, University of Toledo, Toledo, OH
- 9. Erich Grotewold, Professor, Ohio State University, Columbus, OH
- 10. Prudence Hall, Professor, Hiram College, Hiram, OH
- 11. Michael Held, Assistant Professor, Ohio University, Athens, OH
- 12. Laurel Kluber, Chardon, OH
- 13. Emma Knee, Research Scientist, Columbus, OH
- 14. Rebecca Lamb, Assistant Professor, Ohio State University, Columbus, OH
- 15. Laura Marshall, Xenia, OH
- 16. Brian B. McSpadden Gardener, Associate Professor, Department of Plant Pathology, Ohio State University, Columbus, OH
- 17. Ford Mennel, Fostoria, OH
- Terry L. Niblack, Professor and Chair, Department of Plant Pathology, Ohio State University, Columbus, OH
- 19. Emily Ott, Lakewood, OH
- 20. Wendy Ott, Lakewood, OH
- 21. Allan Showalter, Chair, Department of Environmental and Plant Biology, Ohio University, and Chair, Ohio Plant Biotechnology Consortium, Athens, OH
- 22. Baninder Sroan, Solon, OH
- 23. Katelyn Tilley Willyerd, Postdoctoral Research, Department of Plant Pathology, Ohio State University, Columbus, OH
- 24. Chris Wolverton, Associate Professor of Botany, Ohio Wesleyan University, Delaware, OH

## Oklahoma

- 1. Lynn Brandenberger, Professor & Extension Specialist, Stillwater, OK
- Richard Dixon, Senior Vice President and Plant Biology Division Director, Samuel Roberts Noble Foundation, Ardmore, OK
- 3. Catherine Fitzpatrick, Oklahoma State University, Tulsa, OK
- 4. Ben Holt, Assistant Professor, University of Oklahoma, Norman, OK

- 5. Robert Hunger, Stillwater, OK
- 6. Maria Monteros, Ardmore, OK
- 7. Justin Moss, Perkins, OK
- 8. Catalina Pislariu, Samuel Roberts Noble Foundation, Ardmore, OK
- 9. Joby Prince, Amorita, OK
- 10. Jaben Richards, Oklahoma City, OK
- 11. Zeng-Yu Wang, Professor, Samuel Roberts Noble Foundation, Ardmore, OK
- 12. Glenn Zhang, Associate Professor, Oklahoma State University, Stillwater, OK

## Oregon

- 1. Robert Amundson, Portland, OR
- 2. Alice Barkan, Eugene, OR
- 3. Stella Melugin Coakley, Professor and Associate Dean, College of Agricultural Sciences, Oregon State University, Corvallis, OR
- 4. Jeremy Coate, Portland, OR
- 5. Will Fulton, Corvallis, OR
- 6. Aymeric Goyer, Oregon State University, Hermiston, OR
- 7. Christopher Labbe, Vice President, Kerr Pacific Corp., Portland, OR
- 8. Jack E. Long, J&L Nursery and CARET Delegate Regon, Silverton, OR
- 9. Stephen Machado, Associate Professor of Crop Physiology, Oregon State University, Pendleton, OR
- 10. Ed Peachey, Assistant Professor of Weed Ecology and Management, Oregon State University, Corvallis, OR
- 11. Vanelle Peterson, Mulino, OR
- 12. Sonny Ramaswamy, Dean, College of Agricultural Sciences, and Director, Oregon Agricultural Experiment Station, Oregon State University, Corvallis, OR
- 13. Steven Strauss, Distinguished Professor, Oregon State University, Corvallis, OR

#### Pennsylvania

- 1. Sarah Assmann, State College, PA
- 2. Jaime Elizabeth Blair, Assistant Professor of Biology, Franklin & Marshall College, Lancaster, PA
- 3. Kathleen Brown, Professor, Pennsylvania State University, University Park, PA
- 4. Daniel Cosgrove (NAS), Professor of Biology and Director of the Center for Lignocellulose Structure and Formation, Pennsylvania State University, Port Matilda, PA
- 5. J. Franklin Egan, State College, PA
- 6. William Elkins, E. Fallowfield, PA
- 7. Nancy Latshaw, Pittsburgh, PA
- 8. Robert Leiby, Kutztown, PA
- 9. Dwight Lingenfelter, State College, PA
- 10. Zenaida Lopez-Dee, Wilkes Barre, PA
- 11. Gabriele Monshausen, Assistant Professor, Pennsylvania State University, University Park, PA
- 12. Gary W. Moorman, Professor, Department of Plant Pathology, Pennsylvania State University, University Park, PA
- 13. David Mortensen, Professor, Pennsylvania State University, University Park, PA
- 14. Marc Pacchioli, Barnesville, PA
- 15. Irmgard Seidl-Adams, State College, PA
- 16. Mandeep Sharma, Post Doctoral Fellow, Pennsylvania State University, University Park, PA

## Letter in Support of Research Funding for Food and Agriculture

- 17. Shiv Sharma, Philadelphia, PA
- 18. Luke Smeltz, Harrisburg, PA
- 19. Michael Topper, Harleysville, PA
- 20. Bruce Willman, Hummelstown, PA

#### Rhode Island

1. Mary Lou Mangano, Westerly, RI

## South Carolina

- 1. John Andrae, Anderson, SC
- 2. Julia Frugoli, Associate Professor, Clemson University, Clemson, SC
- 3. Emerson Shipe, Professor of Crop Science, Clemson University, Clemson, SC
- 4. Johannes Stratmann, Professor, University of South Carolina, Columbia, SC

#### South Dakota

- 1. Howard Bonnemann, Brookings, SD
- 2. Heike Bucking, Brookings, SD
- 3. Don Burger, Assistant Professor of Landscape Architecture, South Dakota State University, Brookings, SD
- 4. Thomas Chase, Associate Professor, South Dakota State University, Brookings, SD
- 5. David Clay, Brookings, SD
- 6. Sharon Clay, Brookings, SD
- 7. Carl Fellbaum, Brookings, SD
- 8. Nuria Garcia-Fernandez, Brookings, SD
- 9. Michael Gonda, Assistant Professor, South Dakota State University, Brookings, SD
- 10. Kathleen Grady, Brookings, SD
- 11. Xing-You Gu, Associate Peofessor, South Dakota State University, Brookings, SD
- 12. Zhengrong Gu, Assistant Professor, South Dakota State University, Brookings, SD
- 13. Robert Hall, Professor/Extension Agronomist, South Dakota State University College of Agriculture & Biological Sciences, Brookings, SD
- 14. Tracia Hogue, White, SD
- 15. Ben Holland, Brookings, SD
- 16. Britni Howie, Arlington, SD
- 17. Warren Jackson, Egan, SD
- 18. Kimberly James, Instructor of Horticulture, South Dakota State University, Brookings, SD
- 19. Carol Johnston, Professor, South Dakota State University, Brookings, SD
- 20. Karen Koster, Vermillion, SD
- 21. Joan Kreitlow, White, SD
- 22. Heather Larson, Wessington Springs, SD
- 23. Wanlong Li, Assistant Professor, South Dakota State University, Brookings, SD
- 24. Jody Mackey, District Manager, Kingsbury Conservation District, De Smet, SD
- 25. Michael Miller, Brookings, SD
- 26. Madhav Nepal, South Dakota State University, Brookings, SD
- 27. Muthu Ramanathan, South Dakota Agricultural Engineering Research Station, Brookings, SD
- 28. Michelle Schaefer, Volga, SD

Letter in Support of Research Funding for Food and Agriculture

- 29. Thomas Schumacher, Brookings, SD
- 30. Sen Subramanian, Brookings, SD
- 31. William Wyant, Brookings, SD
- 32. Fred Zenk, Webster, SD

#### Tennessee

- 1. Amanda Ashworth, Research Associate-II, University of Tennessee, Knoxville, TN
- 2. Miranda Clark, Greenhouse Manager, Bayer CropScience, TN
- 3. Erik Durden, Memphis, TN
- 4. Henry Fribourg, Professor Emeritus of Forest Plant Ecology, Department of Plant Sciences, University of Tennessee, Knoxville, TN
- 5. Raymond Holton, Professor Emeritus of Botany, University of Tennessee, Knoxville, TN
- 6. Carl Johnson, Professor, Vanderbilt University, Nashville, TN
- 7. Aruna Kilaru, Assistant Professor, Department of Biological Sciences, East Tennessee State University, Johnson City, TN
- 8. Robert Luxmoore, Harriman, TN
- 9. Michael Poteet, Research Associate, Mendel BioEnergy Seeds, Colleirville, TN
- 10. Chandra Reddy, Dean and Director of Research and Extension, College of Agriculture, Human and Natural Sciences, Tennessee State University, Nashville, TN
- 11. Steven Schwartzbach, Professor of Biological Sciences, University of Memphis, Memphis, TN
- 12. Holt Shoaf, Milan, TN
- 13. Diane Sklensky, Assistant Professor, Lane College, Jackson, TN
- 14. Albrecht von Arnim, Professor, University of Tennessee, Knoxville, TN

## Texas

- 1. Joshua Banta, Tyler, TX
- 2. Mark C. Black, Extension Plant Physiologist, Texas A&M University, College Station, TX
- 3. Janet Braam, Professor and Chair of Biochemistry and Cell Biology, Rice University, Houston, TX
- 4. Eugene Brams, Houston, TX
- 5. Mark Brodl, GW Brackenridge Professor of Biology, Trinity University, San Antonio, TX
- 6. William Cook, Wichita Falls, TX
- 7. Trey Cutts, College Station, TX
- 8. Timothy Devarenne, Assistant Professor, Texas A&M University, College Station, TX
- 9. Jane Dever, Associate Professor, Texas AgriLife Research, Lubbock, TX
- 10. Sunethra Dharmasiri, Senior Lecturer, Texas State University, San Marcos, TX
- 11. Rebecca Dickstein, Denton, TX
- 12. Susana Karen Gomez, Tyler, TX
- 13. Cynthia Harris, San Antonio, TX
- 14. Mike Hendrix, Murphy, TX
- 15. Amanda Hulse, College Station, TX
- 16. Enamul Huq, Associate Professor, University of Texas at Austin, Austin, TX
- 17. Rosa Jauregui, Graduate Assistant-Research, Texas A&M University, College Station, TX
- 18. Carol Kelly, Lubbock, TX
- 19. Andrea Kishne, Research Scientist, Texas A&M University, College Station, TX
- 20. Mike Kolomiets, Associate Professor, Texas A&M University, College Station, TX

- 21. Christopher Lyons, PhD Graduate Student, Texas A&M University, College Station, TX
- 22. Kelly Lyons, Associate Professor, Trinity University, San Antonio, TX
- 23. Kranthi Mandadi, Postdoctoral Research Associate, Texas A&M University, College Station, TX
- 24. Suheb Mohammed, College Station, TX
- 25. Jennifer Moon, University of Texas at Austin, Austin, TX
- 26. Anna Nelson, Graduate Student, Texas A&M University, College Station, TX
- 27. Juliana Osorio-Marin, Graduate Research Assistant, AgriLife Research, Lubbock, TX
- 28. William Payne, Professor, Bryan, TX
- 29. John Placyk, Tyler, TX
- 30. Lacey Pyle, Austin, TX
- 31. Richard Ridgway, President, Charles Valentine Riley Memorial Foundation, Flower Mound, TX
- 32. David Ruppert, Professor, Texas A&M University-Kingsville, Kingsville, TX
- 33. Scott Senseman, Professor, Texas A&M University, College Station, TX
- 34. Joseph H. Shinn, Tyler, TX
- 35. Christopher Smith, *The Woodlands*, TX
- 36. James Thomas, College Station, TX
- 37. Dylan Wann, Graduate Assistant Research, Texas AgriLife Research, Lubbock, TX
- 38. Jacob Washburn, Graduate Research Assistant, Texas A&M University, College Station, TX
- 39. Jennifer Kristin Woodard, Denton, TX
- 40. Amanda Wright, Assistant Professor, University of North Texas, Carrollton, TX

## Utah

- 1. Noelle Cockett, Dean, College of Agriculture, and Vice President for Extension and Agriculture, Utah State University, Logan, UT
- 2. Daniel Fairbanks, Orem, UT
- 3. Jennifer MacAdam, Logan, UT
- 4. Mark R. McLellan, Vice President for Research & Dean of the School of Graduate Studies, Utah State University, and Past President (2002–2003), Institute of Food Technologists, Logan, UT
- 5. Curtis Ransom, Provo, UT
- 6. Joshua Udall, Assistant Professor, Brigham Young University, Provo, UT
- 7. Carolyn Wiarda, President, Terra West Consulting, Inc., Saint George, UT
- 8. Peter Wiarda, Logan, UT

#### Vermont

- 1. Terrence Delaney, Associate Professor, University of Vermont, Burlington, VT
- 2. Jeanne Harris, Burlington, VT
- 3. David Kerr, Associate Professor, University of Vermont, Burlington, VT
- 4. Donald Ross, Burlington, VT
- 5. Christopher Tabor, South Burlington, VT
- 6. Mary Tierney, Associate Professor, Department of Plant Biology, University of Vermont, Burlington, VT

#### Virginia

- 1. Eva Collakova, Virginia Tech, Blacksburg, VA
- 2. Mark Daniels, Assistant Professor, University of Virginia, Charlottesville, VA

- 3. Richard Doyle, Clifton, VA
- 4. Alan Grant, Dean, College of Agriculture & Life Sciences, Virginia Tech, Blacksburg, VA
- 5. Carl Griffey, Professor, Virginia Tech, Blacksburg, VA
- 6. Thomas Inzana, Virginia Tech, Blacksburg, VA
- 7. Jonathan Monroe, Harrisonburg, VA
- 8. Saied Mostaghimi, Director of Virginia Agricultural Experiment Station, Virginia Tech, Blacksburg, VA
- 9. Gerhardt Schurig, Dean, Virginia-Maryland Regional College of Veterianry Medicine, Blacksburg, VA
- 10. Dexin Shan, Blacksburg, VA
- 11. Lee Van Wychen, Director of Science Policy, National and Regional Weed Science Societies, Alexandria, VA
- 12. Paul Winistorfer, Dean, College of Natural Resources and Environment, Virginia Tech, Blacksburg, VA
- 13. Sarah Melissa Witiak, Assistant Professor, Virginia State University, Petersburg, VA

#### Washington

- 1. Kimberly Cotton, Research Assistant, Washington State University, Pullman, WA
- 2. Alison Crowe, Senior Lecturer, University of Washington, Seattle, WA
- 3. Amit Dhingra, Assistant Professor, Washington State University, Pullman, WA
- 4. Gerald Edwards, Professor, Pullman, WA
- 5. Maximilian Feldman, Research Assistant II, Washington State University, Pullman, WA
- 6. Leonard Felix, President, CID Bio-Science, Inc., Camas, WA
- 7. James Harsh, Pullman, WA
- 8. Michael Knoblauch, Pullman, WA
- 9. Keum Young Lee, Seattle, WA
- 10. Charles Moehs, Seattle, WA
- 11. Tim Murray, Professor, Washington State University, Pullman, WA
- 12. Holly Neibergs, Assistant Professor, Washington State University, Pullman, WA
- 13. Josh Rosnow, Pullman, WA
- 14. Larry Schrader, Professor Emeritus, Wenatchee, WA
- 15. Harrie van Erp, Institute of Biological Chemistry, Washington State University, Pullman, WA

#### West Virginia

- 1. Alan R. Biggs, Professor, West Virginia University, Morgantown, WV
- 2. Rakesh Chandran, Extension Weed Specialist and IPM Coordinator, West Virginia University, Morgantown, WV
- 3. Marcia Harrison-Pitaniello, Professor, Marshall University, Huntington, WV
- 4. Gary Heichel, Martinsburg, WV
- 5. Barbara Liedl, Cross Lanes, WV
- 6. Mohamed Salem, Research Assistant Professor, West Virginia University, Morgantown, WV

## Wisconsin

- 1. Jean-Michel Ane, Associate Professor, University of Wisconsin-Madison, Madison, WI
- 2. Elizabeth Bosak, Madison, WI
- 3. Megan Bowman, Graduate Student, University of Wisconsin-Madison, Madison, WI
- 4. Patrick Dotson, Fall Creek, WI
- 5. Paul Esker, Madison, WI

- 6. Donna Fernandez, Professor, University of Wisconsin–Madison, Madison, WI
- 7. Jim Friedericks, Brodhead, WI
- 8. James Giese, Madison, WI
- 9. Hasan Khatib, Associate Professor, Madison, WI
- 10. Waneta Kratz, Stevens Point, WI
- Richard L. Lindroth, Professor of Ecology, Associate Dean for Research, and Associate Director of the Agricultural Experiment Station, College of Agricultural and Life Sciences, University of Wisconsin–Madison, Madison, WI
- 12. Rob Michitsch, Stevens Point, WI
- 13. Teri Nehls, Soil Science Society of America, Manitowoc, WI
- 14. Lawrence Oates, Madison, WI
- 15. Gary Onan, Ellsworth, WI
- 16. Marisa Otegui, Associate Professor, University of Wisconsin-Madison, Madison, WI
- 17. Axel Ramirez, Madison, WI
- 18. David Rancour, Madison, WI
- 19. Guilherme Rosa, Associate Professor, University of Wisconsin-Madison, Madison, WI
- 20. Gregg Sanford, Research Specialist, Madison, WI
- 21. David Stoltenberg, Professor and Interim Chair, Department of Agronomy, University of Wisconsin-Madison, Madison, WI
- 22. Lindsey Tuominen, Ashland, WI
- 23. Pedro Uribe, Postdoctoral Research Student, University of Wisconsin-Madison, Sun Prairie, WI
- 24. Bill Verbeten, Research Assistant, University of Wisconsin-Madison, Madison, WI
- 25. Audrey Wiley, Graduate Student, University of Wisconsin-Madison, Madison, WI
- 26. Paul Williams, University of Wisconsin-Madison, Madison, WI
- 27. Junrui Zhang, Madison, WI
- 28. Dazhong Zhao, Associate Professor, Milwuakee, WI

## Wyoming

- 1. Tom Flack, Cody, WY
- 2. Alix Hakala, Student, University of Wyoming, Laramie, WY
- 3. Andrew Kniss, Assistant Professor, University of Wyoming, Laramie, WY
- 4. Gerald Schuman, Cheyenne, WY

#### U.S. Virgin Islands

1. Stuart Weiss, Agronomy Program Leader, University of the Virgin Islands Agriculture Experiment Station, Frederiksted, USVI

#### International

- 1. Abiye Abebe, Wageningen, Netherlands
- 2. Mohammad Hossein Banabazi, Member of Scientific Board, Animal Science Research Institute of Iran, Karaj, Alborz, Iran
- 3. Jean-Francois Hocquette, Research Director, INRA, Theix, France
- 4. Amanullah Khan, Assistant Professor, Agricultural University Peshawar, Peshawar, Khyber Pakhtunkhwa, Pakistan
- 5. Vincenzo Landi, University of Cordoba, Cordoba, Spain

- 6. Marta Lopes, Ankara, Turkey
- 7. Benhildah Masuka, Harare, Zimbabwe
- 8. Mehdi Momen, Darab Fars, Iran
- 9. Ilias Travlos, Athens, Greece

Letter in Support of Research Funding for Food and Agriculture



6<sup>th</sup> August 2011

Ather Masoodi Research Scholar Aquatic Ecology Lab Department of Botany AMU Aligarh 202002

Mr. Masoodi,

Thank you for your participation at the 51<sup>st</sup> annual meeting of the Aquatic Plant Management Society (APMS), and thanks for presenting your paper entitled "Invasion of *Alternanthera philoxeroides* - An Emerging Threat to the Wular Lake Integrity".

From our discussion, I understand that you are working with a group of stakeholders to determine the best course of action to control an incipient infestation of an introduced species - alligatorweed. As you assess the potential for different management approaches, the Journal of Aquatic Plant Management can be a great resource. It can be accessed online at <u>www.apms.org</u>. A quick search resulted in 19 citations for the term "alligatorweed". Another source of information is "Aquatics" magazine, which is published by the Florida Chapter of the Aquatic Plant Management Society. It can be accessed online at http://www.fapms.org/aquatics/issues.htm.

In the United States, the most significant aquatic plant management programs involve the control of introduced invasive species. Control programs can range from management of nuisance conditions to eradication. Objectives can vary substantially between states or can be lake specific. Two widely recognized invasive aquatic plant control programs are California Department of Food and Agriculture's hydrilla eradication program and Florida Fish and Wildlife Conservation Commission's aquatic plant control program. Again, information on these programs can be found on the internet at each respective agency.

As your group decides how to best approach the control of alligatorweed, it is very important to establish clear objectives. Depending on those objectives, a sustained effort and dedication will be critical to the success of any program. There are a lot of advantages to managing a species of potential concern at an early stage of invasion, if for nothing else but to focus resources on an isolated population and to slow its potential spread into other waters and regions.

Good luck with all your endeavors, and we hope to see you next year at the 52<sup>nd</sup> annual meeting of the APMS in Salt Lake City, Utah July 22 through 25<sup>th</sup>, 2012.

Sincerely,

Tyler J. Koschnick

President, Aquatic Plant Management Society



# THE AQUATIC PLANT MANAGEMENT SOCIETY, Inc. Post Office Box 821265 Vicksburg, Mississippi 39182-1265 Fax: 601-634-2398 • www.apms.org

August 30, 2011

Dr. Al. Cofrancesco USAERDC-EM-W 3909 Halls Ferry Rd Vicksburg, MS 39180-6199

Dear Al,

Thank you very much for presenting at the 51st Annual Meeting of the Aquatic Plant Management Society. I heard many favorable comments throughout the meeting, complimenting both the variety and quality of the papers and posters. Your presentation on the Corps of Engineers Aquatic Plant Control Program was well received and informative. We appreciate your efforts trying to build support for funding of aquatic plant research in these difficult times.

President Elect, Terry Goldsby, will be chairing the APMS Program Committee in 2012. Please let him know if you have comments or suggestions to improve our annual meeting or if you have ideas for special sessions for next year's program.

Again, thank you for your attendance and for dedicating your time to make a significant contribution to the APMS, and please let us know if there is anything the Society can do to support your efforts to restore funding.

Sincerely,

Tyler J. Koschnick APMS President 2011 Program Chair January 10, 2012

To: Board of Directors of the Aquatic Plant Management Society (APMS)

From: Sherry Whitaker

Subject: Report of the Treasurer

## General and Scholastic Endowment Accounts.

Enclosure 1 is a summary of the General and Scholastic Endowment Accounts.

## **Investment Portfolio.**

Enclosures 2 and 3 are the 4<sup>th</sup> quarter investment statements of the General and Scholastic Endowment Investment accounts respectively. The Finance Committee will report on our investments.

## 2011 Income and Expense.

Enclosure 4 is a summary of income and expense for the period January 1, 2011 through December 31, 2011.

- 1) Journal Income includes page fees collected for the July 2010 and Jan 2011 issues.
- 2) Journal Expenses include:
  - a. Editing of Jan 2011 and July 2011 Issues
  - b. Printing of Jul 2010 and Jan 2011 Issues
- 3) Website Administration Fees were MUCH higher than predicted in Jan 2011.

## 2012 Budget.

The preliminary budget (encl 5) for the period January 1, 2012 through December 31, 2012 estimates a net income of \$10,350.00.

## Audit and Federal Return.

All APMS financial records and related information will be made available to Winston, Williams, and Creech, LLP to conduct an audit of our financial statements as of December 31, 2010. In addition, they will prepare our federal information return for the year ended December 31, 2010. I expect Winston, Williams, and Creech, LLP to issue their independent auditor's report and complete or information returns no later than March 15, 2010. The estimated fees for these services should not exceed \$5000.00.

## Travel to Board Meeting and Annual Meeting.

My cost estimate for travel to the Winter Board Meeting is broken down as follows:

Airfare: \$ 419.80

Hotel: \$469.53

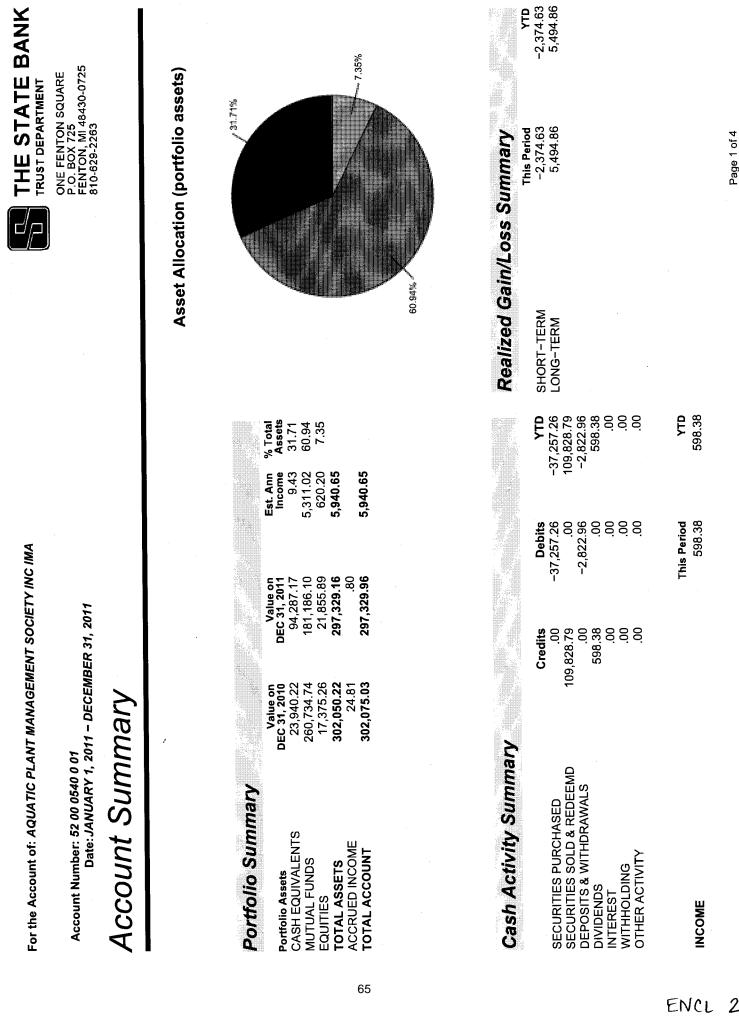
As of the writing of this report, I am unsure of the need for assistance for travel to the annual meeting. I will notify the Board as soon as I know something for certain.

5 Enclosures

# The Aquatic Plant Management Society, Inc. General and Scholastic Endowment Accounts December 31, 2011

**General and Scholastic Endowment Accounts** 

General Account		
Checking	40,107.58	
Investment	297,329.96	
Total General Account		337,437.54
Scholastic Endowment Account		
Checking	1,047.08	
Investment	48,300.41	
Total Scholastic Endowment Account		49,347.49
Total General and Scholastic Endowment Accounts	•	386,785.03



For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

# Account Number: 52 00 0540 0 01 Date: JANUARY 1, 2011 - DECEMBER 31, 2011 Portfolio Assets Detail

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						:		
Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	% of ortfolio	Unrealized Gain/Loss	Lest. Ann Income	Est. Ann Yield(%)
INCOME CASH		00		00	00.			
PRINCIPAL CASH		00		00	00.			
TOTAL CASH		00		00				
CASH EQUIVALENTS							I	
Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	% of ortfolio	Unrealized Gain/Loss	Est. Ann Income	Est. Ann Yield(%)
FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	94,287.170	94,287.17	1.000	94,287.17	31.71	00.	9.43	.01
TOTAL CASH EQUIVALENTS		94,287.17		94,287.17		00.	9.43	<u>.</u> 01
MUTUAL FUNDS						:		
Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	% of ortfolio	Unrealized Gain/Loss	Est. Ann Income	Est. Ann Yield(%)
AMER CAP WORLD GR & INC C333 CUSI P140543307 (CWGCX)	281.792	2,256.61	31.830	8,969.44	3.02	6,712.83	147.10	1.64
AMER INC FD OF AMERICA C 306 CUSIP 453320301 (IFACX)	796.736	3,436.93	16.600	13,225.82	4.45	9,788.89	418.29	3.16
ARTISAN MID CAP VALUE #1464 CUSIP 04314H709(ARTQX)	868.484	16,752.86	19.700	17,109.13	5.75	356.27	111.17	.65
DODGE & COX INCOME #147 CUSIP #256210105 (DODIX)	2,735.389	34,980.64	13.300	36,380.67	12.24	1,400.03	1,572.85	4.32
FED INTERM CORP BD FD #303 CUSIP 31420C407 (FIIFX)	3,627.836	36,009.71	9.820	35,625.35	11.98	-384.36	1,708.71	4.80
T R P INT'L DISCOVERY #38 CUSIP 77956H302 (PRIDX)	291.300	13,184.20	37.310	10,868.40	3.66	-2,315.80	49.52	.46

Date: JANUARY 1, 2011 - DECEMBER 31, 2011	- DECEMBER 31, 201					FENTON, N 810-629-22	FENTON, MI 48430-0725 810-629-2263	
Portfolio Assets Detail	Detail							
MUTUAL FUNDS			Ċ		, 10	Inrealizad	Ect Ann	Fet Ann
Description	Shares	Total Cost	current Share Price	Mkt Value Portfolio	% or ortfolio	Gain/Loss	Income	Yield(%)
T R P NEW HORIZONS #42 CUSIP 779562107 (PRNHX)	107.436	3,343.97	31.030	3,333.74	1.12	-10.23	1.50	.04
T ROWE PRICE BLUE CHIP #93 CUSIP 77954Q106 (TRBCX)	104.876	3,862.84	38.650	4,053.46	1.36	190.62	2.10	.05
T ROWE PRICE MID CAP GRO #64 CUSIP 779556109(RPMGX)	63.179	3,690.66	52.730	3,331.43	1.12	-359.23	3.79	1.
T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103 (PRSVX)	97.948	3,564.27	34.480	3,377.25	1.14	-187.02	25.47	.75
VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 (VFSTX)	4,220.997	45,067.21	10.640	44,911.41	15.10	-155.80	1,270.52	2.83
TOTAL MUTUAL FUNDS		166,149.90		181,186.10		15,036.20	5,311.02	2.93
EQUITIES				Current.	۰, م <del>ر</del>	Ilnrealized	Est Ann	Fst. Ann
Description	Shares	Total Cost	Share Price	Mkt Value Portfolio	ortfolio	Gain/Loss	Income	Yield(%)
EXXON MOBIL CORP COMMON CUSIP 30231G102 (XOM)	150	4,257.26	. 84.760	12,714.00	4.28	8,456.74	282.00	2.22
PROCTER & GAMBLE CO CUSIP 742718109 (PG)	74	3,767.59	66.710	4,936.54	1.66	1,168.95	155.40	3.15
SPECTRA ENERGY CUSIP 847560109 (SE)	65	1,636.17	30.750	1,998.75	.67	362.58	72.80	3.64
VERIZON COMMUNICATIONS INC CUSIP 92343V104 (VZ)	55	AN	40.120	2,206.60	.74	2,206.60	110.00	4.99
TOTAL EQUITIES		9,661.02		21,855.89		12,194.87	620.20	2.84
TOTAL ASSETS				297,329.16		27,231.07	5,940.65	2.00

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For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725

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For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 FENTON, MI 48430-0725 810-629-2263

> Account Number: 52 00 0540 0 01 Date: JANUARY 1, 2011 – DECEMBER 31, 2011

#### Portfolio Assets Detail

EQUITIES			Current	Current % of	Unrealized	Est. Ann Est. Ann
Description	Shares	Total Cost	Share Price	Mkt Value Portfolio	Gain/Loss	Income Yield(%)
TOTAL ACCRUED INCOME				.80		
TOTAL ACCOUNT				297,329.96		

For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE	STATE BANK
Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	UARE 0-0725
Summary Statement of Transactions			
	Income Cash	Principal Cash	Investment Cost Basis
BEGINNING BALANCES	0.00	0.00	263,373.72
RECEIPTS			
ORDINARY DIVIDENDS	598.38		
ORDINARY DIVIDENDS REINVESTED			5,828.72
SHORT TERM GAIN DIVIDENDS REINVESTED			418.36
LONG TERM GAIN DIVIDENDS REINVESTED			2,159.68
PROCEEDS FROM THE SALE OF ASSETS		136,908.82	-136,366.63
ADJUSTMENTS	-598.38	598.38	
TOTAL RECEIPTS	0.00	137,507.20	-127,959.87
DISBURSEMENTS			
FIDUCIARY FEES		-2,822.96	
PURCHASES OF ASSETS		-134,684.24	134,684.24
TOTAL DISBURSEMENTS	0.00	-137,507.20	134,684.24
ENDING BALANCES	00.0	00.0	270,098.09

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For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

## Statement of Transactions

Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011

Date		Income Cash	Principal Cash	Investment Cost Basis
	ORDINARY DIVIDENDS			
01/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.28		
02/01/2011	DIVIDEND ON 55 SHARES @ 0.487501 VERIZON COMMUNICATIONS INC CUSIP 92343V104	26.81		
02/03/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	20		
02/15/2011	DIVIDEND ON 74 SHARES @ 0.4818 PROCTER & GAMBLE CO CUSIP 742718109	35.65		
03/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.18		
03/10/2011	DIVIDEND ON 90 SHARES @ 0.44 EXXON MOBIL CORP COMMON CUSIP 30231G102	39.60		
03/14/2011	DIVIDEND ON 65 SHARES @ 0.26 SPECTRA ENERGY CUSIP 847560109	16.90		
03/16/2011	DIVIDEND ON 130 SHARES @ 0.245 DUKE ENERGY HOLDING CORP CUSIP 26441C105	31.85		
03/31/2011	DIVIDEND ON 13 SHARES @ 0.187503 FRONTIER COMMUNICATIONS CORP CUSIP 35906A108	2.44		
04/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.20		
05/02/2011	DIVIDEND ON 55 SHARES @ 0.487501 VERIZON COMMUNICATIONS INC CUSIP 92343V104	26.81		

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ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

# Statement of Transactions

Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011

Date		Income Cash	Principal Cash	Investment Cost Basis
05/03/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	19		
05/16/2011	DIVIDEND ON 74 SHARES @ 0.525 PROCTER & GAMBLE CO CUSIP 742718109	38.85		
06/02/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.04		
06/10/2011	DIVIDEND ON 90 SHARES @ 0.47 EXXON MOBIL CORP COMMON CUSIP 30231G102	42.30		
06/13/2011	DIVIDEND ON 65 SHARES @ 0.26 SPECTRA ENERGY CUSIP 847560109	16.90		
06/16/2011	DIVIDEND ON 130 SHARES @ 0.245 DUKE ENERGY HOLDING CORP CUSIP 26441C105	31.85		
06/30/2011	DIVIDEND ON 13 SHARES @ 0.187503 FRONTIER COMMUNICATIONS CORP CUSIP 35906A108	2.44		
07/05/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.08		
08/01/2011	DIVIDEND ON 55 SHARES @ 0.487501 VERIZON COMMUNICATIONS INC CUSIP 92343V104	26.81		
08/03/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	10		
08/15/2011	DIVIDEND ON 74 SHARES @ 0.525 PROCTER & GAMBLE CO CUSIP 742718109	38.85		
09/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.36	·	

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For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 FENTON, MI 48430-0725 810-629-2263

Statement of Transactions

Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011

Date		Income Cash	Principal Cash	Investment Cost Basis
09/09/2011	DIVIDEND ON 90 SHARES @ 0.47 EXXON MOBIL CORP COMMON CUSIP 30231G102	42.30		
09/12/2011	DIVIDEND ON 65 SHARES @ 0.26 SPECTRA ENERGY CUSIP 847560109	16.90		
09/30/2011	DIVIDEND ON 13 SHARES @ 0.187503 FRONTIER COMMUNICATIONS CORP CUSIP 35906A108	2.44		
10/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.36		
11/01/2011	DIVIDEND ON 55 SHARES @ 0.50 VERIZON COMMUNICATIONS INC CUSIP 92343V104	27.50		
11/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.87		
11/15/2011	DIVIDEND ON 74 SHARES @ 0.525 PROCTER & GAMBLE CO CUSIP 742718109	38.85		
12/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	<i>11</i> .		
12/09/2011	DIVIDEND ON 150 SHARES @ 0.47 EXXON MOBIL CORP COMMON CUSIP 30231G102	70.50		
12/12/2011	DIVIDEND ON 65 SHARES @ 0.28 SPECTRA ENERGY CUSIP 847560109	18.20		
	TOTAL ORDINARY DIVIDENDS	598.38	0.0	0.00

Account Numb Da	Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	JARE -0725
Statem	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
	ORDINARY DIVIDENDS REINVESTED			
01/04/2011	DIVIDEND ON 4087.783 SHARES @ 0.029591 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 11.232 SHARES @ 10.77			120.96
01/05/2011	DIVIDEND ON 4375.634 SHARES @ 0.040819 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 17.719 SHARES @ 10.08			178.61
23/2011	DIVIDEND ON 4393.353 SHARES @ 0.04114 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 17.895 SHARES @ 10.10			180.74
02/03/2011	DIVIDEND ON 4101.294 SHARES @ 0.024896 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.454 SHARES @ 10.80			102.10
03/02/2011	DIVIDEND ON 4110.748 SHARES @ 0.023744 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.046 SHARES @ 10.79			97.61
03/03/2011	DIVIDEND ON 4411.248 SHARES @ 0.041949 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 18.213 SHARES @ 10.16			185.05
03/23/2011	DIVIDEND ON 276.241 SHARES @ 0.077794 AMER CAP WORLD GR & INC C333 CUSI P140543307 REINVESTED IN 0.609 SHARES @ 35.28			21.49
03/23/2011	DIVIDEND ON 770.083 SHARES @ 0.132103 AMER INC FD OF AMERICA C 306 CUSIP 453320301 REINVESTED IN 6.117 SHARES @ 16.63			101.73

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Account Number: 52 00 0540 0 01 Date: From JANUAR	nber: 52 00 0540 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FEN FON SUCARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	22
Statemer	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
03/28/2011	DIVIDEND ON 745.598 SHARES @ 0.133 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488 REINVESTED IN 3.122 SHARES @ 31.76			99.16
03/30/2011	DIVIDEND ON 3353.496 SHARES @ 0.14 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 35.406 SHARES @ 13.26			469.49
04/04/2011	DIVIDEND ON 4134.74 SHARES @ 0.02616 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 10.09 SHARES @ 10.72			108.17
04/05/2011	DIVIDEND ON 4429.461 SHARES @ 0.041083 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 17.982 SHARES @ 10.12			181.98
05/03/2011	DIVIDEND ON 4144.83 SHARES @ 0.025434 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.779 SHARES @ 10.78			105.42
05/04/2011	DIVIDEND ON 4447.443 SHARES @ 0.040697 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 17.71 SHARES @ 10.22			181.00
06/02/2011	DIVIDEND ON 4154.609 SHARES @ 0.025224 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.703 SHARES @ 10.80			104.80
06/03/2011	DIVIDEND ON 4465.153 SHARES @ 0.040421 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 17.574 SHARES @ 10.27			180.49
06/22/2011	DIVIDEND ON 276.85 SHARES @ 0.325014 AMER CAP WORLD GR & INC C333 CUSI P140543307 REINVESTED IN 2.527 SHARES @ 35.61			89.98

For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA

THE STATE BANK TRUST DEPARTMENT

ONE FENTON SQUARE

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For the Account of: A	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE	TE BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR)	ber: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	ARE -0725
Statemei	Statement of Transactions			
Date		lncome Cash	Principal Cash	Investment Cost Basis
06/22/2011	DIVIDEND ON 776.2 SHARES @ 0.130198 AMER INC FD OF AMERICA C 306 CUSIP 453320301 REINVESTED IN 6.03 SHARES @ 16.76			101.06
06/27/2011	DIVIDEND ON 1212.385 SHARES @ 0.132 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488 REINVESTED IN 5.126 SHARES @ 31.22			160.03
06/30/2011	DIVIDEND ON 2652.525 SHARES @ 0.135 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 26.723 SHARES @ 13.40			358.09
07/05/2011	DIVIDEND ON 3509.017 SHARES @ 0.041044 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 14.189 SHARES @ 10.15			144.02
07/05/2011	DIVIDEND ON 4164.312 SHARES @ 0.024689 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.564 SHARES @ 10.75			102.81
08/02/2011	DIVIDEND ON 3523.206 SHARES @ 0.040536 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 13.933 SHARES @ 10.25			142.82
08/02/2011	DIVIDEND ON 4173.876 SHARES @ 0.024769 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.581 SHARES @ 10.79			103.38
09/02/2011	DIVIDEND ON 3537.139 SHARES @ 0.039172 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 13.773 SHARES @ 10.06			138.56
09/02/2011	DIVIDEND ON 4183.457 SHARES @ 0.024721 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.647 SHARES @ 10.72			103.42

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For the Account of: A(	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE TRUST DEPARTMENT	STATE BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR)	nber: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	tE 125
Statemei	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
09/20/2011	DIVIDEND ON 279.377 SHARES @ 0.082183 AMER CAP WORLD GR & INC C333 CUSI P140543307 REINVESTED IN 0.719 SHARES @ 31.94			22.96
09/20/2011	DIVIDEND ON 782.23 SHARES @ 0.131202 AMER INC FD OF AMERICA C 306 CUSIP 453320301 REINVESTED IN 6.378 SHARES @ 16.09			102.63
10/04/2011	DIVIDEND ON 2679.248 SHARES @ 0.135 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 27.339 SHARES @ 13.23			361.70
10/04/2011	DIVIDEND ON 3550.912 SHARES @ 0.035236 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 12.575 SHARES @ 9.95			125.12
10/04/2011	DIVIDEND ON 4193.104 SHARES @ 0.023173 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.115 SHARES @ 10.66			97.17
11/02/2011	DIVIDEND ON 4202.219 SHARES @ 0.02361 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.272 SHARES @ 10.70			99.21
11/03/2011	DIVIDEND ON 3563.487 SHARES @ 0.034604 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 12.257 SHARES @ 10.06			123.31
12/02/2011	DIVIDEND ON 3575.744 SHARES @ 0.034574 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 12.551 SHARES @ 9.85			123.63
12/02/2011	DIVIDEND ON 4211.491 SHARES @ 0.023972 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 9.506 SHARES @ 10.62			100.96

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For the Account of: A	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE TRUST DEPARTMENT	BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR)	nber: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	<b>ч</b> Е 725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
12/16/2011	DIVIDEND ON 94.044 SHARES @ 0.260002 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103 REINVESTED IN 0.741 SHARES @ 33.00			24.45
12/19/2011	DIVIDEND ON 800.616 SHARES @ 0.128101 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 5.387 SHARES @ 0.1281			102.56
12/20/2011	DIVIDEND ON 280.096 SHARES @ 0.187186 AMER CAP WORLD GR & INC C333 CUSI P140543307 REINVESTED IN 1.696 SHARES @ 30.91			52.43
12/21/2011	DIVIDEND ON 104.778 SHARES @ 0.035 T ROWE PRICE BLUE CHIP #93 CUSIP 77954Q106 REINVESTED IN 0.098 SHARES @ 37.37			3.67
12/21/2011	DIVIDEND ON 288.285 SHARES @ 0.379999 T R P INT'L DISCOVERY #38 CUSIP 77956H302 REINVESTED IN 3.015 SHARES @ 36.34			109.55
12/27/2011	DIVIDEND ON 2706.587 SHARES @ 0.141 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 28.802 SHARES @ 13.25		·	381.63
12/28/2011	DIVIDEND ON 788.608 SHARES @ 0.170896 AMER INC FD OF AMERICA C 306 CUSIP 453320301 REINVESTED IN 8.128 SHARES @ 16.58			134.77
	TOTAL ORDINARY DIVIDENDS REINVESTED	0.00	0.0	5,828.72
03/24/2011	SHORT TERM GAIN DIVIDENDS REINVESTED SHORT TERM CAP GAIN DIV ON 4119.794 SHS @ 0.01 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 3.832 SHARES @ 10.75			41.20

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For the Account of: AQUATIC PLAN Account Number: 52 00 0540 0 01 Date: From JANUAR	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		THE STATE B TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	<b>TE BANK</b> ent Jare 3-0725
Statemen	Statement of Fransactions	lncome Cash	Principal Cash	Investment Cost Basis
06/30/2011	SHORT TERM CAP GAIN DIV ON 288.156 SHS @ 0.02 T R P INT'L DISCOVERY #38 CUSIP 77956H302 REINVESTED IN 0.129 SHARES @ 44.66			5.76
12/16/2011	SHORT TERM CAP GAIN DIV ON 57.615 SHS @ 0.77 T ROWE PRICE MID CAP GRO #64 CUSIP 779556109 REINVESTED IN 0.876 SHARES @ 50.63			44.36
12/16/2011	SHORT TERM CAP GAIN DIV ON 94.044 SHS @ 0.02 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103 REINVESTED IN 0.057 SHARES @ 33.00			1.88
12/19/2011	SHORT TERM CAP GAIN DIV ON 800.616 SHS @ 0.363 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 15.264 SHARES @ 0.1281			290.62
12/19/2011	SHORT TERM CAP GAIN DIV ON 93.355 SHS @ 0.37 T R P NEW HORIZONS #42 CUSIP 779562107 REINVESTED IN 1.148 SHARES @ 4.17			34.54
	TOTAL SHORT TERM GAIN DIVIDENDS REINVESTED	0.00	0.00	418.36
	LONG TERM GAIN DIVIDENDS REINVESTED			
01/03/2011	LONG TERM CAP GAIN DIV ON 4087.783 SHS @ 0.006 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 2.279 SHARES @ 10.76			24.53
03/24/2011	LONG TERM CAP GAIN DIV ON 4119.794 SHS @ 0.029 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 11.114 SHARES @ 10.75			119.47
12/07/2011	LONG TERM CAP GAIN DIV ON 3588.295 SHS @ 0.10799 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 39.541 SHARES @ 9.80			387.50

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For the Account of: /	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE BANK	E BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR	nber: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	RE 1725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
12/16/2011	LONG TERM CAP GAIN DIV ON 57.615 SHS @ 4.120001 T ROWE PRICE MID CAP GRO #64 CUSIP 779556109 REINVESTED IN 4.688 SHARES @ 50.63			237.37
12/16/2011	LONG TERM CAP GAIN DIV ON 94.044 SHS @ 1.089999 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103 REINVESTED IN 3.106 SHARES @ 33.00			102.51
12/19/2011	LONG TERM CAP GAIN DIV ON 800.616 SHS @ 1.122899 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 47.217 SHARES @ 0.1281			899.01
12/19/2011	LONG TERM CAP GAIN DIV ON 93.355 SHS @ 4.17 T R P NEW HORIZONS #42 CUSIP 779562107 REINVESTED IN 12.933 SHARES @ 4.17			389.29
	TOTAL LONG TERM GAIN DIVIDENDS REINVESTED	0.00	0.00	2,159.68
	PROCEEDS FROM THE SALE OF ASSETS			
01/10/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		695.82	-695.82
04/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		724.12	-724.12
05/04/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		19,999.81	-19,999.81
06/09/2011	SOLD 973.71 FED INTERM CORP BD FD #303 CUSIP 31420C407		10,000.00	-9,678.68
06/09/2011	SOLD 736.377 DODGE & COX INCOME #147 CUSIP #256210105		10,000.00	-9,134.55

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For the Account of: ∠	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE BANK	E BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR)	nber: 52 00 0540 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	RE 1725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
06/13/2011	SOLD 130 DUKE ENERGY HOLDING CORP CUSIP 26441C105		2,369.53	-2,194.73
07/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		727.75	-727.75
08/05/2011	SOLD 1217.511 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488		35,380.87	-35,685.58
08/16/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		4,257.26	-4,257.26
10/05/2011	SOLD 384.369 T R P NEW HORIZONS #42 CUSIP 779562107		12,000.00	-12,495.31
10/05/2011	SOLD 319.387 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103		10,000.00	-10,753.87
10/05/2011	SOLD 193.386 T ROWE PRICE MID CAP GRO #64 CUSIP 779556109		10,000.00	-10,069.33
10/05/2011	SOLD 574.218 T ROWE PRICE BLUE CHIP #93 CUSIP 77954Q106		20,000.00	-19,274.55
10/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		675.27	-675.27
10/27/2011	SOLD 13 FRONTIER COMMUNICATIONS CORP CUSIP 35906A108		78.39	
	TOTAL PROCEEDS FROM THE SALE OF ASSETS	0.00	136,908.82	-136,366.63

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THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

## Statement of Transactions

Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011

Date		Income Cash	Principal Cash	Investment Cost Basis
	ADJUSTMENTS			
01/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	28	.28	
02/01/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-26.81	26.81	
02/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	20	.20	
02/15/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-35.65	35.65	
03/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	18	.18	
03/10/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-39.60	39.60	
03/14/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-16.90	16.90	
03/16/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-31.85	31.85	
03/31/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-2.44	2.44	
04/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	20	.20	
05/02/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-26.81	26.81	
05/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	19	.19	
05/16/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-38.85	38.85	
06/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	04	.04	
06/10/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-42.30	42.30	
06/13/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-16.90	16.90	
06/16/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-31.85	31.85	
06/30/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-2.44	2.44	

Account Numbu Da Statem	Account Number: 52 00 0540 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011 Statement of Transactions		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	2UARE 30-0725
Date		Income Cash	Principal Cash	Investment Cost Basis
07/06/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	08	.08	
08/01/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-26.81	26.81	
08/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	- 10	.10	
08/15/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-38.85	38.85	
09/06/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	36	.36	
09/12/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-59.20	59.20	
09/30/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-2.44	2.44	
10/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	36	.36	
11/01/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-27.50	27.50	
11/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	87	.87	
11/15/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-38.85	38.85	
12/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	77	11	
12/09/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-70.50	70.50	
12/12/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	-18.20	18.20	
	TOTAL ADJUSTMENTS	-598.38	598.38	0.00
	FIDUCIARY FEES			
01/10/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 12/31/10		-695.82	
04/11/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 03/31/11		-724.12	
1 1 0 CI 1 1 I CO	TELIST DEPARTMENT SEE EOD OLIVETED ENDED 06/30/14		-727 75	

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Account Number: 52 00 0540 0 01 Date:From JANUAR	nber: 52 00 0540 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	ARE -0725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
10/11/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 09/30/11		-675.27	
	TOTAL FIDUCIARY FEES	0.00	-2,822.96	0.00
	PURCHASES OF ASSETS			
01/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		28	.28
02/01/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-26.81	26.81
02/04/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		20	50
02/15/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-35.65	35.65
03/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		18	.18
03/10/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		39.60	39.60
03/14/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-16.90	16.90
03/16/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-31.85	31.85
03/31/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-2.44	2.44
04/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		20	.20

For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA



THE STATE BANK TRUST DEPARTMENT

ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725

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THE STATE BANK TRUST DEPARTMENT

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ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263



## Statement of Transactions

Date		Income Cash	Principal Cash	Investment Cost Basis
05/02/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-26.81	26.81
05/04/2011	PUR 303.306 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488		-10,000.00	10,000.00
05/04/2011	PUR 106.27 T R P INT'L DISCOVERY #38 CUSIP 77956H302		-5,000.00	5,000.00
05/04/2011	PUR 129.333 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103		-5,000.00	5,000.00
05/16/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-38.85	38.85
06/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		04	.04
06/09/2011	PUR 160.359 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488		-5,000.00	5,000.00
06/09/2011	PUR 32.862 T ROWE PRICE MID CAP GRO #64 CUSIP 779556109		-2,000.00	2,000.00
06/09/2011	PUR 82.781 T ROWE PRICE SM CAP VAL#46 CUSIP 77957Q103		-3,000.00	3,000.00
06/09/2011	PUR 65.474 T R P INT'L DISCOVERY #38 CUSIP 77956H302		-3,000.00	3,000.00
06/09/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-7,000.00	7,000.00
06/10/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-42.30	42.30

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For the Account of: A(	For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA		THE STATE BANK TRUST DEPARTMENT	BANK
Account Number: 52 00 0540 0 01 Date: From JANUAR)	nber: 52 00 0540 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	Е 25
Statemei	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
06/13/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-2,386.43	2,386.43
06/16/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-31.85	31.85
06/30/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-2.44	2.44
07/06/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		08	.08
08/01/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-26.81	26.81
08/04/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		10	.10
08/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-35,380.87	35,380.87
08/15/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-38.85	38.85
08/16/2011	PUR 60 EXXON MOBIL CORP COMMON CUSIP 30231G102		-4,257.26	4,257.26
09/06/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		36	.36
09/12/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-42.30	42.30
09/12/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-16.90	16.90

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Account Number: 52 00 0540 0 01 Date: From JANUAR)	nber: 52 00 0540 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	RE 725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
09/30/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-2.44	2.44
10/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-52,000.36	52,000.36
10/27/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-78.39	78.39
11/01/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-27.50	27.50
11/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		87	.87
11/15/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		38.85	38.85
12/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		77	.77
12/09/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-70.50	70.50
12/12/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-18.20	18.20
	TOTAL PURCHASES OF ASSETS	0.00	-134,684.24	134,684.24

THE STATE BANK TRUST DEPARTMENT

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For the Account of: AQUATIC PLANT MANAGEMENT SOCIETY INC IMA

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THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	d Gair/Loss Summary	This Period YTD -1,529.46 -1,529.46 1,490.34 1,490.34	Paoe 1 of 3
	Asset Allocation (portfolio	SHORT-TERM LONG-TERM	
	% Total Assets 60.45 39.55 30.00	<b>YTD</b> .00 .007 -12,936.71 1.22 .00 .00 .00	7TD 1.22
	Est. Ann Income 634.54 637.46 637.46	I	ariod 1.22
WMENT IMA	<b>Value on</b> <b>C Value on</b> 29,199.62 19,100.54 <b>48,300.16</b> <b>48,300.41</b>	<b>Debits</b> .00 .00 .00 .00 .00 .00 .00 .00	This Period 1.22
C INC ENDO BER 31, 201	<b>DEC 31, 201</b> 29, 199.62 19,100.54 <b>48,300.16</b> <b>48,300.41</b>	<b>Credits</b> .00 32,718.07 7,524.30 1.22 .00 .00	
r MGMT SOO 1 - DECEMI	<b>DEC Value on</b> 9,417.04 9,417.04 50,150.09 2,888.76 <b>62,455.89</b> <b>62,460.98</b>		
For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA Account Number: 52 00 0550 0 01 Date: JANUARY 1, 2011 - DECEMBER 31, 2011 ACCOUNT SUMMARY	Portfolio Summary Portfolio Summary Portfolio Assets CASH EQUIVALENTS MUTUAL FUNDS CASH EQUITIES TOTAL ASSETS ACCRUED INCOME TOTAL ASSETS ACCRUED INCOME TOTAL ACCOUNT	SECURITIES PURCHASED SECURITIES SOLD & REDEEMD DEPOSITS & WITHDRAWALS DIVIDENDS INTEREST WITHHOLDING OTHER ACTIVITY	INCOME
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Account Number: 52 00 0550 0 01 Date:JANUARY 1, 2011 – DECEMBER 31, 2011	- DECEMBER 31, 20	11				ONE FEN ION P.O. BOX 725 FENTON, MI ∠ 810.629.2263	0NE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-679-2763	
Portfolio Assets Detail	Detail						2	
CASH			•					
Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	% of °ortfolio	Unrealized Gain/Loss	Est. Ann Est. Ann Income Yield(%)	Est. Ann Yield(%)
INCOME CASH		00.		00 <sup>.</sup>	00			
PRINCIPAL CASH		00		00 <sup>.</sup>	00.			
TOTAL CASH		00		00				
<b>CASH EQUIVALENTS</b>					;	:		•
Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	% of ortfolio	Unrealized Gain/Loss	Est. Ann Est. Ann Income Yield(%)	Est. Ann Yield(%)
FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	29,199.620	29,199.62	1.000	29,199.62	60.45	00	2.92	.01
TOTAL CASH EQUIVALENTS		29,199.62		29,199.62		00.	2.92	.01

#### Est. Ann Est. Ann Income Yield(%) 2.92 21.29 240.97 634.54 200.61 171.67 Unrealized Gain/Loss 8 1.83 -243.71 -128.67 -56.00-60.87 6.78 Current % of Mkt Value Portfolio 11.54 8.66 12.57 5,573.70 3,275.95 6,068.30 29,199.62 4,182.59 19,100.54 19.700 13.300 9.820 10.640 Current Share Price 4,243.46 29,199.62 Total Cost 3,274.12 5,629.70 19,344.25 6,196.97 425.926 570.329 Shares 166.292 419.075 VANGUARD S/T INV GRADE FD 39 **ARTISAN MID CAP VALUE #1464** FED INTERM CORP BD FD #303 **TOTAL CASH EQUIVALENTS** DODGE & COX INCOME #147 CUSIP #256210105 (DODIX) CUSIP 04314H709 (ARTQX) CUSIP 922031406 (VFSTX) CUSIP 31420C407 (FIIFX) TOTAL MUTUAL FUNDS **MUTUAL FUNDS** Description õ

4.32

4.80

2.83

3.32

1.32

637.46

-243.71

48,300.16

**TOTAL ASSETS** 

65

For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA



ONE FENTON SQUARE

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ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

### Portfolio Assets Detail

Account Number: 52 00 0550 0 01 Date: JANUARY 1, 2011 – DECEMBER 31, 2011

Description	Shares	Total Cost	Current Share Price	Current % of Mkt Value Portfolio	Unrealized Gain/Loss	Est. Ann Est. Ann Income Yield(%)
TOTAL ACCRUED INCOME				.25		
TOTAL ACCOUNT				48,300.41		

Summary Statement of Transactions		810-629-2263	
	Income Cash	Principal Cash	Investment Cost Basis
BEGINNING BALANCES	0.00	0.00	60,800.14
RECEIPTS			
INCOMING CASH XFERRED FROM OTHER INST	·	7,524.30	
ORDINARY DIVIDENDS	1.22		
ORDINARY DIVIDENDS REINVESTED			718.34
SHORT TERM GAIN DIVIDENDS REINVESTED			62.62
LONG TERM GAIN DIVIDENDS REINVESTED			238.75
PROCEEDS FROM THE SALE OF ASSETS		39,179.08	-39,519.57
ADJUSTMENTS	-1.22	1.22	
TOTAL RECEIPTS	0.00	46,704.60	-38,499.86
DISBURSEMENTS			
DISBURSEMENTS TO OR FOR BENEFICIARIES		-20,000.00	
FIDUCIARY FEES		-461.01	
PURCHASES OF ASSETS		-26,243.59	26,243.59
TOTAL DISBURSEMENTS	0.00	-46,704.60	26,243.59
ENDING BALANCES	0.00	0.00	48,543.87

Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011



THE STATE BANK TRUST DEPARTMENT ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

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For the Account of: ,	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE BANK	BANK
Account Number: 52 00 0550 0 01 Date: From JANUAR) Statement of 7	Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011 Statement of Transactions		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	Е 25
Date		Income Cash	Principal Cash	Investment Cost Basis
	INCOMING CASH XFERRED FROM OTHER INST			
08/09/2011	TRANSFER FROM GENERAL CHECKING PER REQUEST		7,524.30	
	TOTAL INCOMING CASH XFERRED FROM OTHER INST	0.00	7,524.30	0.00
	ORDINARY DIVIDENDS			
01/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	11		
02/03/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.08		
03/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.05		
04/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.03		
05/03/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.03		
06/02/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.03		
07/05/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.03		
08/03/2011	DIVIDEND RECEIVED FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.03		
09/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.15		·

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For the Account of: ⊿	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE BANK	<b>TE BANK</b>
Account Number: 52 00 0550 0 01 Date: From JANUAR) Statement of 7	Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011 Statement of Transactions	<b>)</b>	ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	ARE -0725
Date		Income Cash	Principal Cash	Investment Cost Basis
10/04/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.16		
11/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	.28		
12/02/2011	RECEIVED DIVIDEND FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	24		
	TOTAL ORDINARY DIVIDENDS	1.22	00.0	0.00
	ORDINARY DIVIDENDS REINVESTED			
01/04/2011	DIVIDEND ON 830.099 SHARES @ 0.029591 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 2.281 SHARES @ 10.77			24.56
01/05/2011	DIVIDEND ON 598.944 SHARES @ 0.040819 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 2.425 SHARES @ 10.08			24.45
02/03/2011	DIVIDEND ON 601.369 SHARES @ 0.04114 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 2.45 SHARES @ 10.10			24.74
02/03/2011	DIVIDEND ON 832.843 SHARES @ 0.024896 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.92 SHARES @ 10.80			20.73
03/02/2011	DIVIDEND ON 555.433 SHARES @ 0.023744 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.222 SHARES @ 10.79			13.19
03/03/2011	DIVIDEND ON 405.406 SHARES @ 0.041949 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.674 SHARES @ 10.16			17.01

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For the Account of: A(	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE	BANK
Account Number: 52 00 0550 0 01 Date: From JANUAR) Statement of 7	Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011 Statement of Transactions		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	10
Date		Income Cash	Principal Cash	Investment Cost Basis
03/28/2011	DIVIDEND ON 302.692 SHARES @ 0.133 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488 REINVESTED IN 1.268 SHARES @ 31.76			40.26
03/30/2011	DIVIDEND ON 402.133 SHARES @ 0.14 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 4.246 SHARES @ 13.26			56.30
04/04/2011	DIVIDEND ON 558.675 SHARES @ 0.02616 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.363 SHARES @ 10.72			14.62
04/05/2011	DIVIDEND ON 407.08 SHARES @ 0.041083 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.653 SHARES @ 10.12			16.72
05/03/2011	DIVIDEND ON 560.038 SHARES @ 0.025434 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.321 SHARES @ 10.78			14.24
05/04/2011	DIVIDEND ON 408.733 SHARES @ 0.040697 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.628 SHARES @ 10.22			16.63
06/02/2011	DIVIDEND ON 561.359 SHARES @ 0.025224 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.311 SHARES @ 10.80			14.16
06/03/2011	DIVIDEND ON 410.361 SHARES @ 0.040421 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.615 SHARES @ 10.27			16.59
06/27/2011	DIVIDEND ON 303.96 SHARES @ 0.132 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488 REINVESTED IN 1.285 SHARES @ 31.22			40.12

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For the Account of: A	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE	BANK
Account Number: 52 00 0550 0 01 Date: From JANUAR	Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011 Statement of Transactions		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	Е 25
0.000				
Date		Income Cash	Principal Cash	Investment Cost Basis
06/30/2011	DIVIDEND ON 406.379 SHARES @ 0.135 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 4.094 SHARES @ 13.40			54.86
07/05/2011	DIVIDEND ON 411.976 SHARES @ 0.041044 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.666 SHARES @ 10.15			16.91
07/05/2011	DIVIDEND ON 562.67 SHARES @ 0.024689 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.292 SHARES @ 10.75			13.89
08/02/2011	DIVIDEND ON 413.642 SHARES @ 0.040536 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.636 SHARES @ 10.25			16.77
08/02/2011	DIVIDEND ON 563.962 SHARES @ 0.024769 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.295 SHARES @ 10.79			13.97
09/02/2011	DIVIDEND ON 415.278 SHARES @ 0.039172 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.617 SHARES @ 10.06			16.27
09/02/2011	DIVIDEND ON 565.257 SHARES @ 0.024721 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.303 SHARES @ 10.72			13.97
10/04/2011	DIVIDEND ON 410.473 SHARES @ 0.135 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 4.189 SHARES @ 13.23			55.41
10/04/2011	DIVIDEND ON 416.895 SHARES @ 0.035236 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.476 SHARES @ 9.95			14.69

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Gene Farmer, 20 0650 01         Destination of the server souther strain provide the server souther server settles souther server settles souther server settles souther server settles souther server souther server souther server souther server souther server souther server settles souther server settles souther server souther server settles souther settles so	For the Account of: ⊿	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE BANK	BANK
Internet Cash         Frindhol Frank (Cash)         Principal (Cash)         Principal (Cash)         Principal (Cash	Account Number: 5 Date: F Stateme	2 00 0550 0 01 From JANUARY 1, 2011 through DECEMBER 31, 2011 <b>Nt Of Transactions</b>		ONE FENTON SQUAR P.O. BOX 725 FENTON, MI 48430-07 810-629-2263	КЕ 725
DVIDEND ON 566.56 SHARES @ 0.023173       VANGUARD ST INV GRADE FD 39 CUBIP 922031406       REINVESTED IN 1.253 SHARES @ 0.02641       VANGUARD ST INV GRADE FD 39 CUBIP 922031406       DVIDEND ON 567.725 SHARES @ 0.02641       VANGUARD ST INV GRADE FD 38 CUBIP 922031406       REINVESTED IN 1.253 SHARES @ 0.02641       VANGUARD ST INV GRADE FD 38 CUBIP 922031406       REINVESTED IN 1.253 SHARES @ 0.02641       DVIDEND ON 4153 TS HARES @ 0.004614       FED INTERM CORP BD FD 4500 CUBIP 31420C407       REINVESTED IN 1.433 SHARES @ 10.06       DVIDEND ON 4158 TRARES @ 0.02641       ED INTERM CORP BD FD 4500 CUBIP 31420C407       REINVESTED IN 1.473 SHARES @ 10.06       DVIDEND ON 4158 TRARES @ 0.025914       ED INTERM CORP BD FD 4500 CUBIP 31420C407       REINVESTED IN 1.474 SHARES @ 10.05       DVIDEND ON 153.297 SHARES @ 0.025914       ED INTERM CORP BD FD 4500 CUBIP 322031406       REINVESTED IN 1.474 SHARES @ 0.025912       VINCILARD ON 153.297 SHARES @ 0.025912       VINCILARD ON 153.297 SHARES @ 0.026       DVIDEND ON 153.297 SHARES @ 0.026       DVIDEND ON 163.297 SHARES @ 0.026       DVIDEND ON 163.297 SHARES @ 0.026       DVIDEND ON 163.297 SHARES @ 0.026       DVIDEND ON 143.297 SHARES @ 0.026       DVI	Date		Income Cash	Principal Cash	Investment Cost Basis
DIVIDEND ON 567.792 SHARES @ 002361 WIDEND ON 567.792 SHARES @ 002361 REINVESTED NI 1235 SHARES @ 0034604 REINVESTED NI 1235 SHARES @ 0034604 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED NI 1439 SHARES @ 10.06 DIVIDEND ON 418.371 SHARES @ 10.06 DIVIDEND ON 143.05 SHARES @ 10.06 DIVIDEND ON 143.05 SHARES @ 10.05 DIVIDEND ON 143.25 SHARES @ 0.023972 VIDEND ON 133.297 SHARES @ 0.239112 DIVIDEND ON 133.297 SHARES @ 0.281013 REINVESTED NI 1.244 SHARES @ 0.28101 REINVESTED NI 1.244 SHARES @ 0.28101 REINVESTED NI 1.244 SHARES @ 0.28101 REINVESTED NI 1.245 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 REINVESTED NI 0.0131 SHARES @ 1.281 DIVIDEND ON 414.662 SHARES @ 0.28101 DIVIDEND ON 414.662 SHARES @ 0.2	10/04/2011	DIVIDEND ON 566.56 SHARES @ 0.023173 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.232 SHARES @ 10.66			13.13
DIVIDEND ON 413.371 SHARES @ 0.034604 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.439 SHARES @ 10.66 DIVIDEND ON 419.81 SHARES @ 10.3474 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.474 SHARES @ 0.03474 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.474 SHARES @ 0.03372 VANGUARDS TI INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.284 SHARES @ 0.023972 VANGUARDS TI INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.284 SHARES @ 0.128101 ATTI SHARES @ 0.018101 ATTI SHARES @ 0.018101 ATTI SHARES @ 0.018101 ATTI SHARES @ 0.0178001 ATTI SHARES @ 0.018001 ATTI SHARES @ 0.018001 ATTI SHARES @ 0.0180001 ATTI SHARES @ 0.12810000000000000000000000000000000000	11/02/2011	DIVIDEND ON 567.792 SHARES @ 0.02361 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.253 SHARES @ 10.70			13.41
DIVIDEND ON 419.81 SHARES @ 0.034574 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.474 SHARES @ 0.03872 DIVIDEND ON 569.045 SHARES @ 0.023972 DIVIDEND ON 569.045 SHARES @ 0.023972 VANGUARDS STI NV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.284 SHARES @ 0.02301 REINVESTED IN 1.237 SHARES @ 0.1281 DIVIDEND ON 153.2357 SHARES @ 0.1281 RTISAN MID CAP VALUE #1446 CUSIP 031414709 REINVESTED IN 1.031 SHARES @ 0.1281 DIVIDEND ON 414.662 SHARES @ 0.1281 DIVIDEND SHARES @ 0.1281 DIVIDEND SHARES @ 0.1281 DIVIDEND SHARES @ 0.010 DIVIDEND SHARES @ 0.0175 DIVIDEND SHARES @ 0.017	11/03/2011	DIVIDEND ON 418.371 SHARES @ 0.034604 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.439 SHARES @ 10.06			14.48
DIVIDEND ON 569 045 SHARES @ 0.023972 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.284 SHARES @ 10.62 DIVIDEND ON 153.297 SHARES @ 0.128101 ARTISAN MID CAP VALUE #14.46 CUSIP 04314H709 REINVESTED IN 1.031 SHARES @ 0.12811 DIVIDEND ON 153.297 SHARES @ 0.12810 REINVESTED IN 1.031 SHARES @ 0.12810 DIOGE & COX INCOME #14.7 CUSIP #256210105 REINVESTED IN 4.131 SHARES @ 1.141 DIVIDEND ON 414.1662 SHARES @ 1.141 DIVIDEND ON 414.1662 SHARES @ 1.141 DIVIDEND ON 414.1652 SHARES @ 1.141 DIVIDEND ON 413 SHARES @ 1.141 DIVIDEND ON 414.1652 SHARES @ 1.141 DIVIDEND ON 414.1652 SHARES @ 1.141 DIVIDEND ON 414.1652 SHARES @ 0.141 DIVIDEND ON 414.1652 SHARES @ 0.141 DIVIDEND ON 414.17 CUSIP #256210105 REINVESTED IN 4.131 SHARES @ 0.141 DIVIDEND ON 414.17 CUSIP #256210105 REINVESTED IN 4.131 SHARES @ 1.141 DIVIDEND ON 413 SHARES @ 0.141 DIVIDEND ON 413 SHARES @ 1.141 DIVIDEND ON 413 SHARES @ 0.141 DIVIDEND ON 413 SHARES @ 1.141 DIVIDEND ON 413 SHARES @ 1.141 DIVIDEND ON 413 SHARES @ 1.161 DIVIDEND ON 414 SHARES @ 0.00 VIDEND ON 400 DIVIDENDS REINVESTED SHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.00 VANGUARD S/T INV GRADE FD 39 CUSIP 922031405 REINVESTED IN 0.518 SHARES @ 10.75 REINVESTED IN 0.518 SHARES @ 10.75	12/02/2011	DIVIDEND ON 419.81 SHARES @ 0.034574 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 1.474 SHARES @ 9.85			14.51
Dividend on 153.297 SHARES @ 0.128101ARTISAN MID CAP VALUE #1464 CUSIP 04314H709REINVESTED IN 1.031 SHARES @ 0.1281REINVESTED IN 1.031 SHARES @ 0.1281DIVIDEND ON 414.662 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 0.518 SHARES @ 10.75CHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.01VANGUARD STI IN GRADE FD 39 CUSIP 922031406REINVESTED IN 0.518 SHARES @ 10.75	12/02/2011	DIVIDEND ON 569.045 SHARES @ 0.023972 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.284 SHARES @ 10.62			13.64
DIVIDEND ON 414.662 SHARES @ 0.141DODGE & COX INCOME #147 CUSIP #256210105REINVESTED IN 4.413 SHARES @ 13.25TOTAL ORDINARY DIVIDENDS REINVESTEDCOTAL ORDINARY DIVIDENDS REINVESTEDSHORT TERM CAIN DIVIDENDS REINVESTEDSHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.01VANGUARD S/T INV GRADE FD 39 CUSIP 922031406REINVESTED IN 0.518 SHARES @ 10.75	12/19/2011	DIVIDEND ON 153.297 SHARES @ 0.128101 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 1.031 SHARES @ 0.1281			19.64
TOTAL ORDINARY DIVIDENDS REINVESTED0.000.00SHORT TERM GAIN DIVIDENDS REINVESTED0.010.00SHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.01 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 0.518 SHARES @ 10.750.01	12/27/2011	DIVIDEND ON 414.662 SHARES @ 0.141 DODGE & COX INCOME #147 CUSIP #256210105 REINVESTED IN 4.413 SHARES @ 13.25			58.47
SHORT TERM GAIN DIVIDENDS REINVESTED SHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.01 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 0.518 SHARES @ 10.75		TOTAL ORDINARY DIVIDENDS REINVESTED	0.00	0.00	718.34
	03/24/2011	SHORT TERM GAIN DIVIDENDS REINVESTED SHORT TERM CAP GAIN DIV ON 556.655 SHS @ 0.01 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 0.518 SHARES @ 10.75			5.57

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For the Account of:	For the Account of: AQUATIC PLANT MGMT SOC INC ENDOWMENT IMA		THE STATE	STATE BANK
Account Number: 52 00 0550 0 01 Date: From JANUAR)	nber: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	RE 725
Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
06/30/2011	SHORT TERM CAP GAIN DIV ON 69.846 SHS @ 0.02 T R P INT'L DISCOVERY #38 CUSIP 77956H302 REINVESTED IN 0.031 SHARES @ 44.66			1.40
12/19/2011	SHORT TERM CAP GAIN DIV ON 153.297 SHS @ 0.363 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 2.923 SHARES @ 0.1281			55.65
	TOTAL SHORT TERM GAIN DIVIDENDS REINVESTED	0.00	0.00	62.62
	LONG TERM GAIN DIVIDENDS REINVESTED			
01/03/2011	LONG TERM CAP GAIN DIV ON 830.099 SHS @ 0.006 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 0.463 SHARES @ 10.76	•		4.98
03/24/2011	LONG TERM CAP GAIN DIV ON 556.655 SHS @ 0.029 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406 REINVESTED IN 1.502 SHARES @ 10.75			16.14
12/07/2011	LONG TERM CAP GAIN DIV ON 421.284 SHS @ 0.10799 FED INTERM CORP BD FD #303 CUSIP 31420C407 REINVESTED IN 4.642 SHARES @ 9.80			45.49
12/19/2011	LONG TERM CAP GAIN DIV ON 153.297 SHS @ 1.122899 ARTISAN MID CAP VALUE #1464 CUSIP 04314H709 REINVESTED IN 9.041 SHARES @ 0.1281			172.14
	TOTAL LONG TERM GAIN DIVIDENDS REINVESTED	0.00	0.00	238.75

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Stateme	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
	PROCEEDS FROM THE SALE OF ASSETS			
01/10/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		143.88	-143.88
02/15/2011	SOLD 376.79 DODGE & COX INCOME #147 CUSIP #256210105		5,000.00	-4,728.00
02/15/2011	SOLD 198.413 FED INTERM CORP BD FD #303 CUSIP 31420C407		2,000.00	-1,938.52
02/15/2011	SOLD 92.621 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488	.,	3,000.00	-2,385.91
02/15/2011	SOLD 27.925 T R P NEW HORIZONS #42 CUSIP 779562107		1,000.00	-857.70
02/15/2011	SOLD 279.33 VANGUARD S/T INV GRADE FD 39 CUSIP 922031406	.,	3,000.00	-3,036.32
02/15/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)	•	6,000.00	-6,000.00
04/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		102.29	-102.29
07/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		102.75	-102.75
08/05/2011	SOLD 305.245 VAN TOTAL STK MKT SIGNAL1341 CUSIP 922908488	~	8,870.42	-8,850.55
10/05/2011	SOLD 69.877 T R P INT'L DISCOVERY #38 CUSIP 77956H302		2,526.75	-3,042.73

Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011

Later From JANUART 1, 2011 Unrough DECEMBER 31,

Statement of Transactions

THE STATE BANK TRUST DEPARTMENT

ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263

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Account Number: 52 00 0550 0 01 Date: From JANUAR)	nber: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	RE 725
Stateme	Statement of Iransactions			
Date		lncome Cash	Principal Cash	Investment Cost Basis
10/05/2011	SOLD 75.642 T R P NEW HORIZONS #42 CUSIP 779562107		2,361.54	-2,268.41
10/06/2011	SOLD 71.974 MERIDIAN GROWTH FUND #75 CUSIP 589619105		2,873.20	-3,005.22
10/07/2011	SOLD 60 VANGUARD MSCI EMERGING MKTS ETF CUSIP 922042858		2,086.16	-2,945.20
10/11/2011	REDEEM FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		112.09	-112.09
	TOTAL PROCEEDS FROM THE SALE OF ASSETS	0.00	39,179.08	-39,519.57
	ADJUSTMENTS			
01/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	11	- <u>1</u> 1	
02/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	08	.08	
03/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	05	.05	
04/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	03	.03	
05/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	03	.03	
06/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	03	.03	
07/06/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	03	.03	
08/04/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	03	.03	
09/06/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	15	.15	
10/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	16	.16	
11/03/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	28	.28	

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			ONE FENTON SQUARI	ENT UARE
Account Numbe Dat	Account Number: 52 00 0550 0 01 Date: From JANUARY 1, 2011 through DECEMBER 31, 2011		P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	0-0725
Statem	Statement of Transactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
12/05/2011	AUTO TRANSFER INCOME TO PRINCIPAL CASH	24	.24	
·	TOTAL ADJUSTMENTS	-1.22	1.22	0.00
	DISBURSEMENTS TO OR FOR BENEFICIARIES			
02/15/2011	DEPOSIT TO TSB DDA 4586999 PER CLIENT REQUEST		-20,000.00	
	TOTAL DISBURSEMENTS TO OR FOR BENEFICIARIES	0.00	-20,000.00	0.00
	FIDUCIARY FEES			
01/10/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 12/31/10		-143.88	
04/11/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 03/31/11		-102.29	
07/11/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 06/30/11		-102.75	
10/11/2011	TRUST DEPARTMENT FEE FOR QUARTER ENDED 09/30/11		-112.09	
	TOTAL FIDUCIARY FEES	0.00	-461.01	0.00
	PURCHASES OF ASSETS			
01/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		11	1
02/04/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		08	.08
03/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		- 05	.05

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Account Number: 52 00 0550 0 01 Date: From JANUAR	nber: 52 00 0550 0 01 Date:From JANUARY 1, 2011 through DECEMBER 31, 2011		ONE FENTON SQUARE P.O. BOX 725 FENTON, MI 48430-0725 810-629-2263	Е 25
Stateme	Statement of Iransactions			
Date		Income Cash	Principal Cash	Investment Cost Basis
04/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		03	.03
05/04/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		03	.03
06/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		03	.03
07/06/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		03	.03
08/04/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		03	.03
08/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-8,870.42	8,870.42
08/10/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-7,524.30	7,524.30
09/06/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		- 15	.15
10/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-7,703.35	7,703.35
10/06/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-58.30	58.30
10/07/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		-2,086.16	2,086.16
11/03/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		28	

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# Statement of Transactions

Date		lncome Cash	Principal Cash	Investment Cost Basis
12/05/2011	PURCHASE FED GOVT OBLIGATIONS SS #395 CUSIP 60934N807 (P)		24	.24
	TOTAL PURCHASES OF ASSETS	0.00	-26,243.59	26,243.59

#### The Aquatic Plant Management Society, Inc. 2011 Income and Expense Report

	Jan - Dec 11
Ordinary Income/Expense	
Income	
Annual Meeting Income	
Contributions	59,652.31
Delegate 1-Day Registration	200.00
Delegate Pre-Registration	22,955.00
Delegate Registration	6,600.00
Event Tickets	975.00
Exhibit Fees	16,800.00
Guest Pre-Registration	1,820.00
Guest Registration	310.00
Total Annual Meeting Income	109,312.31
Education/Outreach Income	1,300.00
Journal Income	
Page Fees	7,220.50
Subscriptions	9,800.00
Total Journal Income	17,020.50
Membership Income	
Individual	13,645.00
Student	120.00
Sustaining	7,000.00
Total Membership Income	20,765.00
Scholastic Endowment Income	
Contributions	650.00
Graduate Assistantship	17,000.00
Raffle & Silent Auction	8,118.00
Total Scholastic Endowment Income	25,768.00
Total Income	174,165.81
Expense	
American Express Annual Fee	145.00
Annual Meeting Expense	
Banquet	24,700.41
Deposit	34,791.00
Guest Tour	3,782.00
Invited Speaker	530.87
Meeting Planner	7,920.27
Student Tour	914.48
Annual Meeting Expense - Other	20,499.49
Total Annual Meeting Expense	93,138.52

1:27 PM 01/10/12

Cash Basis

# The Aquatic Plant Management Society, Inc. 2011 Income and Expense Report

	Jan - Dec 11
Awards	
Plaques/Certificates	1,189.31
Poster Award	100.00
Total Awards	1,289.31
Contributions	444.75
Corporation Annual Report Fee	61.25
Credit Card Merchant Processing	
Card Fees	2,772.85
Terminal/Printer	441.93
Total Credit Card Merchant Processing	3,214.78
Dues	
AERF	250.00
CAST	1,500.00
RISE	500.00
WSSA	6,212.00
Total Dues	8,462.00
Insurance	
Board of Dir. & Gen. Liability	1,799.00
Commercial Bond	222.86
Total Insurance	2,021.86
Journal Expense	
Editing	1,798.92
Editor Stipend	4,000.00
Printing & Postage	6,898.64
Journal Expense - Other	1,190.00
Total Journal Expense	13,887.56
Miscellaneous	135.09
Postal Service	
Post Office Box Fee	110.00
Postage	240.44
Total Postal Service	350.44
Printing and Reproduction	
Newsletter	116.77
Total Printing and Reproduction	116.77
Professional Fees	
Accounting	4,725.00
Total Professional Fees	4,725.00

1:27 P**M** 01/10/12 Cash Basis

### 1:27 PM 01/10/12 Cash Basis

# The Aquatic Plant Management Society, Inc. 2011 Income and Expense Report

### Jan - Dec 11

Scholastic Endowment Expense	
Graduate Assistantship	20,000.00
Student Books	1,281.61
Student Poster Award	600.00
Student Presentation Award	700.00
Total Scholastic Endowment Expense	22,581.61
Supplies	
Supplies - Other	468.09
Total Supplies	468.09
Travel	
Invitational	179.01
Total Travel	179.01
Website	
Administration	9,215.00
Hosting	109.45
Website - Other	2,000.00
Total Website	11,324.45
Winter Board Meeting	
Travel	1,671.54
Winter Board Meeting - Other	1,014.19
Total Winter Board Meeting	2,685.73
Total Expense	165,231.22
Net Ordinary Income	8,934.59
Net Income	8,934.59

# The Aquatic Plant Management Society, Inc. Preliminary Budget January through December 2012

Income/Expense	
Income	
Annual Meeting Income	100,000.00
Journal Income	20,000.00
Membership Income	20,000.00
Scholastic Endowment Income	25,000.00
Total Income	165,000.00
Expense	
Annual Meeting Expense	80,000.00
Awards	1,300.00
Contributions	2,000.00
Dues	8,500.00
Fees	3,500.00
Insurance	2,100.00
Journal Expense	14,000.00
Postage and Shipping	800.00
Printing and Reproduction	250.00
Professional Fees	5,000.00
Scholastic Endowment Expense	22,000.00
Supplies	800.00
Travel	6,000.00
Website	4,500.00
Winter Board Meeting	3,900.00
Total Expense	154,650.00
tincomo	10 350 00

Net Income

10,350.00

### Secretary Report Mid-winter Board of Directors Meeting, APMS January 28, 2012 Little America Hotel - Salt Lake City, UT

### Submitted by: Jeffrey D. Schardt

Since the Post-conference Board Meeting in Baltimore, the following tasks have been completed:

**Database and Website Updates:** I mailed welcome letters and the latest Journal issue to new members that joined APMS since the 2011 Annual Meeting. After the 2011 Annual Meeting, Dave Petty converted the APMS Membership database from Access to Excel. This is the data base that the Secretary uses to mail annual dues invoices and Journals to Members and Subscribers, as well as serving as an historical membership record. As of January 13, 2012, I made 209 updates to the membership and subscription lists and coordinated address changes with Dave Petty for the website Membership Directory and Chetta Owens for APMS email list to receive Newsletters.

Nineteen new members have joined APMS since the July 2011 Annual Meeting; 13 are students – nine presented papers or posters at the meeting and get one free year of APMS Membership in return. There has been one new Journal subscription since July 2011. Current Membership as of January 13, 2012 is presented in the table to the right. This reflects dues payment through 2010.

Category	Number
Active	223
Honorary	16
Student	34
Sustaining	16
Total	289

#	Name	State	Date Joined	Туре	ID
01	Steve Huss	Florida	08-22-11	Student	1888
02	Vernon Vandiver	Florida	08-23-11	Individual	1889
03	Amanda Fernandez	Mississippi	07-24-11	Student	1890
04	Jonathan Fleming	Mississippi	07-24-11	Student	1891
05	Emily Lichte	Minnesota	07-24-11	Student	1892
06	Ather Masoodi	India	07-24-11	Student	1893
07	Shelley Robertson	Georgia	07-24-11	Student	1894
08	Emily Salo	Minnesota	07-24-11	Student	1895
09	Michael Sherman	Mississippi	07-24-11	Student	1896
10	Leif Willey	Florida	07-24-11	Student	1897
11	Casey Williams	Texas	07-24-11	Student	1898
12	O'Niell Tedrow	Minnesota	09-27-11	Individual	1899
13	Karen Brown	Florida	11-16-11	Individual	1900
14	Mark Lewandowski	Maryland	11-18-11	Individual	1901
15	Tina Pierce	Minnesota	11-22-11	Student	1902
16	Matt Pierce	Minnesota	01-02-12	Student	1903
17	Steve McComas	Minnesota	01-03-12	Student	1904
18	Scott Nissen	Colorado	01-09-12	Individual	1905
19	Joe Eisterhold	Minnesota	01-10-12	Individual	1906
01	SWETS	New Jersey	11-28-11	Subscription	J0332

# New Members for 2011-2012

**Membership Invoices:** Sustaining Membership invoices and letters including information on APMS financial status and accomplishments for 2011 were mailed to 16 previous Sustaining Members on January 3, 2011. Invoices for 2012 Active and Student Membership dues were also mailed on January 3 and dues payments are now being received by the Treasurer.

**Journal Issues:** Responded to six inquiries by subscription companies regarding 2011 JAPM subscription fees. Also sent eight responses to subscription companies regarding the late production of the July 2011 issue of the Journal.

**2012 Budget:** As outlined in the APMS Operating Manual, I am submitting the attached budget estimating expenditures for the Office of the Secretary for 2012. I have included a breakdown of expenditures from July 27, 2011 at the close of the Annual meeting through January 13, 2012 for the Office of the Secretary. These include costs incurred for travel to the January 2012 Mid-winter Board Meeting that were approved by the Board in a vote on November 16, 2011. I contacted Tommy Bowen and Ken Manuel at Duke Energy Carolinas that sponsored printing for the 2011 Annual Meeting Program and they agreed to sponsor the 2012 edition as well, saving the society approximately \$1,000 that has previously come from the Secretary's Budget since the secretary oversees printing of the Program.

# Proposed Budget for 2012 - Office of the Secretary Date: January 28, 2012

Item	<b>Estimated Cost</b>
Shipping and Mailing: Journal claims, invoices, letters, meeting materials, stamps, etc.	\$ 300
Office Supplies: BOD and annual meeting supplies, envelopes	\$ 100
Secretary Travel Expenses: airfare, hotel, meals, park, shuttle	\$2,369
<b>TOTAL</b> *approximately \$2,000 if comp. room at a	\$ 2,769* annual meeting

Expense	Winter	Annual
airfare	\$ 433	\$ 475
hotel	469	* 782
meals	85	50
parking	50	0
shuttle	25	25
Total	\$ 1,062	\$ 1,307

# Secretary Expenditures - July 27, 2011 - July 25, 2012

Date	Shipping	Travel	Printing	Supplies	Amount	Total
08-25-11	New member journal				22.80	22.80
11-01-11		Airfare Salt Lake Board			432.80	455.60
11-04-11	Mail Journals				9.67	465.27
11-14-11		Hotel Salt Lake Board			469.53	934.80
11-18-11	New member journal				2.28	937.08
12-16-11	Stamps - mail invoices				99.08	1,036.16
12-16-11				Envelopes	9.13	1,045.29
01-03-12	Mail foreign invoices				9.06	1,054.35
01-13-12	New member journals				5.36	1,059.71

# Editor's Report to the APMS Board of Directors Rob Richardson

**Recent submissions.** Forty five submissions have been received since Jan 1, 2011. The acceptance rate over the last year increased to around 40%. Fewer papers were submitted, but the overall quality of submissions was improved

**Online submission platform.** All new submissions are only accepted through the Allen Press online portal now. The system has not been as intuitive as expected, but the process is getting smoother over time. This system automates many activities and makes it much easier to send journal communications. The platform should increase efficiency in 2012 and should help JAPM stay timely.

**Publication schedule.** The July 2011 issue (13 articles including two international submissions) was mailed to subscribers in January 2012, which was the same schedule as the previous July issue. The January 2011 was mailed to subscribers around the start of April 2011. Articles for the January 2012 issue will be sent to the redacting editor the week of Jan. 23 and it should contain around 13 articles. The January issue is expected to ship by April 2011. Untimely reviews and untimely processing by the editor continue to be a challenge.

**Associate editors.** John Madsen, Mike Netherland, Ryan Wersal, Jason Ferrell, Mike Grodowitz, Chris Mudge, and Eric Dibble are currently Associate Editors in the Allen Press system. A few more associate editors would be desirable.

**2012 expenses.** Expenses related to JAPM in 2012 should be less than 2011 and close to historic levels.

Respectfully submitted, Rob Richardson Editor, Journal of Aquatic Plant Management

# THE AQUATIC PLANT MANAGEMENT SOCIETY, Incorporated

POST OFFICE BOX 821265 VICKSBURG, MS 39182-1265 U.S.A. www.apms.org

January 16, 2012

To: The APMS Board of Directors

From: Jim Schmidt, Chairman – APMS Bylaws and Resolutions Committee Committee Members: Ken Manuel, Terry Goldsby, Toni Pennington, Lee Ann Glomski and David Isaacs

RE: Bylaws and Resolutions Committee Report

Dear President Koschnick, Officers & Directors:

### <u>Bylaws</u>

- 1. Bylaws amendments approved at the 2012 Annual Business meeting were incorporated into the document and the final was provided to Secretary Schardt, President Koschnick and Webmaster Petty on Sept. 6, 2011 for posting on the APMS Website.
- 2. The Motions and Tasks list prepared by Secretary Schardt following the 2012 BOD meetings did not contain any proposed actions directed at this Committee pertaining to Bylaws.

# **Resolutions & Petitions**

- 1. Dr. Carole Lembi was awarded Honorary Membership at the 2012 Meeting.
- 2. No new Resolutions or Petitions have come to the attention of this Committee. The Board and members are encouraged to continue to be diligent so as to not overlook retiring members for Honorary Membership consideration.

# **Operating Manual**

- 1. A number of changes were incorporated into the Ops Manual as previously reviewed and discussed by the Board. These were provided to Secretary Schardt, President Koschnick and Webmaster Petty on Sept. 6, 2011 for posting on the APMS Website.
- 2. No changes were made to the Awards Criteria document approved at the July 2010 Board Meeting. It includes the new Research Awards. All Awards criteria and processes should be reviewed by the committee(s) involved to ensure accuracy. There have been discussions on changes that may not have been captured. "New" Awards will also need to be added to this document.
- 3. The final APMS Graduate Student Research Grant Criteria should be posted in Section E, under Chapter IV "Guidelines and Policies of the Ops Manual / website posting. This Chapter is reserved for "add-on" documents we want to maintain in

the procedural records. If the Board has decided not to post this as a "standing document", please advise so the Ops Manual can be revised accordingly.

4. As always, Officers and Committees are asked to review the Bylaws and the Ops Manual not only to note their responsibilities, but to provide feedback on procedural changes. As noted in last year's Bylaws review and changes, the direction was established to have the Bylaws focus on primary responsibilities and use the Ops Manual to drill down on tasks, procedures, timelines, etc. The two documents should continue to complement each other in this manner.

Please note that David Isaacs has kindly agreed to join this Committee. This will ensure we retain a Board Member representative, as Terry Goldsby transitions to his added responsibilities as President Elect and President.

Unfortunately, I am unable to attend the Winter BOD or Strategic Planning Meetings in Utah due to personal reasons.

Respectfully,

Jim Schmidt

Jim Schmidt Chair, APMS Bylaws Committee APMS Education and Outreach Committee Report January 28, 2012

Members: Susan Wilde (Chair), Amy Richard, Ryan Wersal, Jonathan Fleming, John Madsen, Sarah True Meadows, Rebecca Haynie.

1. During the July 2011 post-conference board meeting, the board approved a proposal by the Education and Outreach Committee to partner with the Center for Aquatic and Invasive Plants in their curriculum development for grade school classes, to match the curriculum to state and national standards. The curriculum includes both powerpoint presentations available online, and the APMS activity booklet for students.

2. APMS will support a graduate student supervised by an education professor to research the national educational standards, to ensure that this curriculum is usable nationally. The board approved \$3,000 for student funding, Amy Richard and Susan Wilde are planning to select a student for the project this spring to initiate the national version.

3. Committee recommended adding links to the APMS website the chair will assimilate and submit to the webmaster for posting. Under the APMS webpage information tab, we could add links to effective and accurate existing web documents with information on invasive aquatic plants (and algae!).

4. Stacia Hetrick has been working with numerous people to develop an Herbicide FAQ Brochure for Florida (see Draft text attached). This document is a collaborative effort by APMS, FAPMS, and UF/IFAS Extension. Additional pictures will be added to the brochure before printing. Stacia will be working with Susan Wilde and Whitney Jacobs (Susan's graduate student) in the future to develop a version of the brochure that is relevant nationwide.

5. Stacia intend to work with the company Marketing Mudd to design and print the brochure as they are the company that CAIP uses for most of their publications. The cost estimate for the design and printing of the brochure is \$530 to \$1150, depending on the size of the brochure and quantity of copies.

6. We recommend that APMS approve money (up to \$1150) to fund this effort.

Herbicide FAQ Brochure for Florida: **This document has been reviewed by:** Vernon Vandiver, FAPMS Jeff Schardt, FWC Eric Thomas, FWC Greg MacDonald, UF Agronomy Mike Netherland, US Army ERDC Karen Brown, UF CAIP Kate Wilson, UF CAIP Amy Richard, UF CAIP Heron Elliot, private applicator Dean Jones, UF IFAS Whitney Jacobs, UGA (Dr. Susan Wilde's grad student)

# **Brochure Title: FAQ's: Aquatic herbicides, plants and you!** Florida-specific version

In this publications, the term "aquatic herbicide" will refer to herbicides registered by the Environmental Protection Agency for use in aquatic systems.

### 1) What are aquatic herbicides?

Aquatic herbicides are a type of pesticide that are used to kill unwanted aquatic weeds, typically invasive and/or exotic aquatic plants. The US Environmental Protection Agency (EPA) and the Florida Department of Agricultural and Consumer Services (FDACS) are responsible for registering herbicides for use in Florida. They require thorough testing before a product is registered for use in any site, but even more rigorous testing occurs for aquatic systems. There are approximately 300 herbicides active ingredients registered in the US, but only around a dozen are registered for use in aquatic systems.

Before an aquatic herbicide is eligible for registration, extensive studies have to be conducted according to stringent protocols of application, design, and evaluation. This amounts to over 140 toxicological and environmental tests that must be conducted, typically over a 10-year period, before an herbicide can be considered for registration and use in aquatic systems. Furthermore, herbicide applicators undergo training and certification, with continuing education requirements, in order to apply aquatic herbicides.

Additional information:(Don't print urls in print version)UF/IFASCenterforAquaticandInvasivePlant'swebsiteathttp://plants.ifas.ufl.edu/guide/herbcons.htmlChapter 11andAppendix A of "Biology and Control of Aquatic Plants" available atwww.aquatics.org/bmp.htmFDACS Pesticide Registration www.freshfromflorida.com/onestop/aes/registration.htmlUS EPA Pesticide Registration www.epa.gov/pesticides/regulating/registering

### US EPA <u>www.epa.gov/pesticides</u>

### 2) Why are aquatic herbicides used? Will they harm my lake?

Aquatic herbicides are tools used to manage aquatic vegetation in an efficient and cost-effective manner. They are applied to reduce the negative impacts associated with excessive weed growth, thus conserving and enhancing a lake's habitat. Invasive aquatic plants are present in nearly every Florida public lake and river. Many water bodies requiring herbicide treatment have experienced an explosive growth of invasive aquatic plants. Herbicide control is the most often applied strategy for managing large areas due to effectiveness and cost. Mechanical control using harvesters is typically not practical for large areas of submersed plants because of the high cost, inefficiency, rapid regrowth of plants, and associated by-catch (harvest of non-target plants, fish, and other aquatic organisms).

Invasive plants can grow at such rapid rates they can outcompete and replace other desirable plants, reducing biodiversity and causing a decline in the health of the lake. While a water body may seem natural and pristine, there can be sufficient nutrients in the water and sediments that allow invasive aquatic plants to flourish. Management programs using aquatic herbicides on Florida lakes are designed to promote plant diversity, protect water quality and enhance the overall health of the lake-- all of which are degraded by dense invasive aquatic plant growth.

Additional information: (Don't print urls in print version) UF/IFAS Center for Aquatic and Invasive Plant's website at http://plants.ifas.ufl.edu/guide/herbcons.html Chapter 11 and Appendix A of "Biology and Control of Aquatic Plants" available at www.aquatics.org/bmp.htm Florida Fish and Wildlife Conservation Commission, Invasive Plant Management at http://myfwc.com/wildlifehabitats/habitat/invasive-plants

**3)** Will herbicides harm birds, fish or frogs? What about me and my pets? Aquatic herbicides are extensively tested for their effects on fish and wildlife before they are approved for use in water bodies such as ponds, lakes, and rivers. Most aquatic herbicides kill unwanted plants by disrupting plant processes such as photosynthesis. In contrast, humans and other animals don't have these processes and cannot be affected in the same way. All herbicides can be toxic to fish if applied improperly. Most fish kills that occur in Florida are a result of low levels of oxygen in the water; not from herbicide toxicity. Risk of fish loss can be reduced by preventing invasive plant infestations, following the directions on the herbicide label, such as treating only a fraction of the water body at time or using a slow-acting herbicide, and by using management plans which take all environmental factors into consideration.

The Federal Government, in cooperation with the States, carefully regulates herbicides to ensure that they do not pose unreasonable risks to human health or the environment. In their concentrated form, all herbicides should be handled with great care. However, once diluted according to label instructions and applied to the water, they will not have unreasonable adverse effects on humans, the ecosystems, and animals- including pets.

Additional information: Appendix C of "Biology and Control Aquatic Plants" available at of www.aquatics.org/bmp.htm "A Beginner's Guide to Water Management – Fish Kills" by Florida LAKEWATCH website at http://lakewatch.ifas.ufl.edu/circpdffolder/fish kill LR.pdf EPA-Assessing Health Risks from Pesticides http://www.epa.gov/opp00001/factsheets/riskassess.htm

# 4) What happens to herbicides when they are applied to an aquatic environment?

Once applied for plant control, aquatic herbicides are subject to various breakdown or inactivation processes such as sunlight, microbial degradation, or hydrolysis. The aquatic herbicides diquat and glyphosate undergo rapid binding to soil particles that renders them inactive as an herbicide. Once bound, these compounds are slowly degraded by microbes. Even though the compound may be present, plants or animals can't get to it and it can't get to them. In other words, they are not active as an herbicide. The rate of herbicide degradation can vary significantly between products and many of the EPA registration studies are conducted to define the rate of degradation in different types of water bodies following uses described on the label. The EPA takes into account potential accumulation of herbicides in fish and sediment prior to registering any product for use in water. Bioconcentration (the herbicide building up in tissue and becoming concentrated over time) does not occur in any currently registered aquatic herbicide. If risks to man or the environment are unacceptable or unmanageable, the product will not be registered for use.

For further details about this topic, see Appendix C of "Biology and Control of Aquatic Plants" available at <u>www.aquatics.org/bmp.htm</u>

# Back Cover:

Additional Resources:

U.S. Environmental Protection Agency <u>www.epa.gov/pesticides</u>

Florida Department of Agriculture and Consumer Services <u>www.freshfromflorida.com</u>

University of Florida/IFAS Center for Aquatic and Invasive Plants <u>http://plants.ifas.ufl.edu</u>

Aquatic Ecosystem Restoration Foundation <u>www.aquatics.org/bmp.htm</u> University of Florida /IFAS Pesticide Information Office <u>http://pested.ifas.ufl.edu</u> Virginia Cooperative Extension <u>http://pubs.ext.vt.edu/420/420-013/420-013.html</u> Florida Aquatic Plant Management Society <u>www.fapms.org</u>

UF/IFAS Extension EDIS Documents: <u>http://edis.ifas.ufl.edu</u>

- Weed Control in Florida Ponds - <u>http://edis.ifas.ufl.edu/aa238</u>

- Licensing of Aquatic Herbicide Applicators in Florida - <u>http://edis.ifas.ufl.edu/pi011</u>

<u>Created by:</u>

Aquatic Plant Management Society <u>www.apms.org</u>

Florida Aquatic Plant Management Society <u>www.fapms.org</u>

University of Florida/IFAS Osceola County Extension http://osceola.ifas.ufl.edu

Drafts of this document have been reviewed by:

University of Florida/IFAS Center for Aquatic and Invasive Plants <u>http://plants.ifas.ufl.edu</u>

Florida Fish and Wildlife Conservation Commission <u>http://myfwc.com</u>

(I will have these folks review once the draft is more final)

United Waterfowler's (UWF) Ducks Unlimited B.A.S.S. American Sportsman- Chris Horton

### APMS Board Meeting Salt Lake City January 28, 2012

Finance Committee Report Submitted by Richard Hinterman, Committee Chair

I would like to put in a couple of comments that I think we should be thinking about very seriously. I don't want to sound like a broken record, but the facts are the facts and we do have to face things in our industry are changing fast and it's all going to affect A.P.M.S.

When I gave my opening remarks a few years ago as president, I tried to emphasize how things would change if the Core threw us under the bus, and I believe this has happened. Whether it was the Core or some other entity, we have to get in a position to stand on our own two feet and move forward.

Even though we have held up and done well over the last few years financially; I think we have to look at several things to keep us there. With companies merging, selling, and generic products it's going to be a new ball game. I think one of the most important projects we have is education. I'm a firm believer that we have to stick to this because all the monies from companies rather going to national APMS, sister societies or AERF, is coming out the same pockets and when those pockets start disappearing we better be ready for it.

We are going to have to be better keepers of the purse. One of the things that should have been done a long time ago is we ought to stop funding beer and liquor at the banquets and let everybody buy their own. I've talked to other companies that sponsor events and they do not have a problem with it. We've stopped it at the Midwest a few years ago and as a result we have more attendees than the APMS, so it should speak volumes.

Another thing is the cost of the hotels. The states have stopped a lot of travel if not all and we are going to have to step up to the plate and help support the funding to get these people to and from our meetings or we will be the losers. Perhaps if we support a student through college at least he or she will be dedicated to the Aquatic business.

We have to streamline our business and all entities whether AERF, APMS, and other sister societies, we all have to work together.

I wish I could be there in Salt Lake City but we have a prior commitment. Look forward to seeing you all in July.

Have a Happy Healthy New Year!

Richard

January 13, 2012

To: Board of Directors of the Aquatic Plant Management Society (APMS)

Subject: Report of the Meeting Planning Committee

### **Committee Members:**

Craig Aguillard, Linda Nelson, Cody Gray, Sherry Whitaker, Tommy Bowen (Chair)

# 51<sup>st</sup> Annual Meeting, Baltimore, Maryland

Enclosure 1 provides detail income and expenses from our annual meeting in Baltimore this past July. Our income from this meeting was \$17545.31.

# Strategic Planning Session / Mid-Winter Board of Directors Meeting, January 27-28, 2012, Salt Lake City, Utah

Bill Torres, APMS Meeting Planner negotiated a sales agreement with the Little America Hotel for the strategic planning session and mid-winter meeting of the Board of Directors. The sales agreement was signed by APMS on June 20, 2011.

### 52<sup>nd</sup> Annual Meeting, July 22-25, 2012, Salt Lake City, Utah

The Board of Directors voted via e-mail and approved the Little America Hotel in Salt Lake City as the site for the 52<sup>nd</sup> Annual Meeting. Bill Torres negotiated a sales agreement with the Little America, which was signed by APMS on June 20, 2011 (encl 2).

**RECOMMENDATION**. After discussion by the Meeting Planning Committee and reviewing meeting cost estimates supplied by Bill Torres, the Committee recommends no change to registration costs for the 2012 meeting.

Enclosure 3 is a preliminary budget for the  $52^{nd}$  Annual Meeting. This budget is based on an attendance of 153 delegates and guests. Registration fees, exhibit fees, and sponsorship levels are the same as last year. A net income of \$19902.00 is estimated for this annual meeting.

The Committee is working on the guest tour, information for the web site, articles for upcoming newsletters, and soliciting donations for meeting sponsorship. In addition, the Committee is coordinating with Bill Torres concerning our meeting requirements and will be coordinating with APMS officers and committee chairs regarding other meeting necessities (exhibits, registration, audio/visual, student rooms, raffle/silent auction, etc.).

# 53<sup>rd</sup> Annual Meeting, July 2013.

Bill Torres has negotiated a sales agreement with the Westin Riverwalk Hotel in San Antonio, Texas as the site for our 53<sup>rd</sup> Annual Meeting, which was signed by APMS on November 1, 2011 (encl 4).

# 54<sup>th</sup> Annual Meeting, July 2014.

**RECOMMENDATION**. After recommendations for site locations were received from the Board, the Meeting Planning Committee recommends the Board approve travel for Bill to conduct a site visit of these properties in the Mid-South region. The sites being considered are in Nashville, Savannah, and Chattanooga. Bill's travel will take up to three days.

4 Enclosures

Tommy

# 09/14/11

Cash Basis

# The Aquatic Plant Management Society, Inc. Transaction Detail by Account January 1 through September 14, 2011

Туре	Date	Name	<b>Original Amount</b>	Paid Amount
nnual Meeting Inco Contributions	me			
Deposit	4/19/2011	Valent Professional Products	2,500.00	2,500
Deposit	4/27/2011	Helena Chemical Company	5,000,00	5,000.
Deposit	5/9/2011	Alligare, LLC	2,500.00	2,500.
Deposit	5/9/2011	Cygnet Enterprises, Inc.	150.00	150.
Deposit	5/9/2011	Aquatic Control, Inc.	100.00	100.
Deposit	5/9/2011	SePRO Corporation	5,000.00	5,000.
Deposit	5/31/2011			
		United Phosphorus, Inc.	10,000.00	10,000.
Deposit	5/31/2011	Becker Underwood	500.00	500.
Deposit	5/31/2011	Syngenta Professional Products, Inc.	10,000.00	10,000
Deposit	6/3/2011	CPS Timberland	2,500.00	2,500
Deposit	6/9/2011	Winfield Solutions, LLC	5,000.00	5,000
Deposit	6/9/2011	Applied Biochemists	2,500.00	2,500
Deposit	6/9/2011	Vertex Water Features	2,500.00	2,500
Deposit	6/9/2011	Brewer International	975.00	975
Deposit	6/9/2011	Clarke Aquatic Services, Inc.	100.00	100
Deposit	7/12/2011	Brewer International	1,525.00	1,525
Deposit	8/12/2011	AERF	6,302.31	6,302
Deposit	9/6/2011	U.S. Army Engineer R&D Center	2,500.00	2,500
Total Contributions		olo miny Engineer hab benter	2,000.00	59,652
Delegate 1-Day Re	egistration			101105
Deposit	6/17/2011	David Hardin	100.00	100
Deposit	7/26/2011	Tom Rutherford	100.00	100
Total Delegate 1-D	ay Registration			200
Delegate Pre-Reg				
Deposit	3/31/2011	Tyler Koschnick	275.00	275
Deposit	3/31/2011	Mark Heilman	275.00	275
Deposit	3/31/2011	Bryce McMillan	275.00	275
Deposit	3/31/2011	Michael Shaner	275.00	275
Deposit	3/31/2011	West Bishop	275.00	275
Deposit	3/31/2011	John Gardner	275.00	275
Deposit	3/31/2011	Amanda Quillen	275.00	275
Deposit	4/5/2011	Don Doggett	275.00	275
Deposit	4/18/2011	Steve Brewer	275.00	275
Deposit	4/18/2011	Leah Rust-Essex	275.00	275
Deposit	4/18/2011	Nathan Long	275.00	275
Deposit	4/18/2011	David Isaacs	275.00	275
		· 것은 것은 일 같이 것 같아? 한 수 도망.		
Deposit	4/19/2011	Scott Shuler	275.00	275
Deposit	4/25/2011	Kevin Chatelain	275.00	275
Deposit	4/27/2011	James Boggs	275.00	275
Deposit	5/9/2011	George Selden	275.00	275
Deposit	5/10/2011	Chris Mudge	275.00	275
Deposit	5/10/2011	Kurt Getsinger	275.00	275
Deposit	5/10/2011	Lee Ann Glomski	275.00	275
Deposit	5/12/2011	Sherry Whitaker	275.00	275
Deposit	5/16/2011	Michael Riffle	275.00	275
Deposit	5/17/2011	Daniel Roelke	275.00	275
Deposit	5/24/2011	Rob Richardson	275.00	275
Deposit				
	5/24/2011	John Madsen	275.00	275
Deposit	5/31/2011	Tommy Bowen	275.00	275
Deposit	5/31/2011	Ken Manuel	275.00	275
Deposit	5/31/2011	Michael Masser	275.00	275
Deposit	5/31/2011	Amy Richard	275.00	275
Deposit	5/31/2011	Robert Blackburn	275.00	275
Deposit	5/31/2011	Shannon Junior	275.00	275
Deposit	5/31/2011	David Beasley	275.00	275
Deposit	6/3/2011	Moe Finke	275.00	275
Deposit	6/3/2011	John Baylor	275.00	275
Deposit	6/3/2011	Bo Burns	275.00	275
Deposit	6/7/2011	Casey Moorer	275.00	275
Deposit	6/7/2011		275.00	275
		Larry McCord		
Deposit	6/7/2011	Linda Nelson	275.00	275
Deposit	6/7/2011	Janet Scallions	275.00	275.
Deposit	6/7/2011 6/7/2011	Al Cofrancesco	275.00	275
Deposit		Chetta Owens	275.00	275.

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Cash Basis

# The Aquatic Plant Management Society, Inc. Transaction Detail by Account January 1 through September 14, 2011

Туре	Date	Name	Original Amount	Paid Amount
Deposit	6/8/2011	Donn Shilling	275.00	275.00
Deposit	6/8/2011	Mike Smart	275.00	275.00
Deposit	6/9/2011	Chris Doyle	275.00	275.00
Deposit	6/9/2011	John Cortell	275.00	275.00
Deposit	6/9/2011	Harry Knight	275.00	275.00
Deposit	6/9/2011	Bill Ratajczyk	275.00	275.00
Deposit	6/9/2011	Kevin McCurley	275.00	275.00
Deposit	6/9/2011	Mike Muldoon	275.00	275.00
Deposit	6/9/2011	Joel Fruendt	275.00	275.00
Deposit	6/14/2011	David Tarver	275.00	275.00
Deposit	6/14/2011	Dean Jones	275.00	275.00
Deposit	6/14/2011	Gary Curl	275.00	275.00
Deposit	6/14/2011	John Rodgers	275.00	275.00
Deposit	6/16/2011	Lars Anderson	275.00	275.00
Deposit	6/17/2011	Timothy Toplisek	275.00	275.00
Deposit	6/17/2011	Scott Nissen	275.00	275.00
Deposit	6/20/2011	Erika Haug	275.00	275.00
Deposit	6/20/2011	Brent Mortimer	275.00	275.00
Deposit	6/22/2011	Shaun Hyde	275.00	275.00
Deposit	6/23/2011	Michael Lavenstein	275.00	275.00
Deposit	6/23/2011	Rebecca Haynie	275.00	275.00
Deposit	6/23/2011	Don Stubbs	275.00	275.00
Deposit	6/23/2011	Dan Kenny	275.00	275.00
Deposit	6/23/2011	Carlton Layne	275.00	275.00
Deposit	6/24/2011	Jim Crosby	275.00	275.00
Deposit	6/24/2011	Greg MacDonald	275.00	275.00
Deposit	6/24/2011	Kevin Kretsch	275.00	275.00
Deposit	6/24/2011	John Lydon	275.00	275.00
Deposit	6/24/2011	Chip Welling	275.00	275.00
Deposit	6/24/2011	Bill Culpepper	275.00	275.00
Deposit	6/24/2011	Gerald Reeves	275.00	275.00
Deposit	6/24/2011	Michelle Marko	275.00	275.00
Deposit	6/24/2011	Richard Hinterman	275.00	275.00
Deposit	6/24/2011	David G. Petty	275.00	275.00
Deposit	6/24/2011	Terry Goldsby	275.00	275.00
Deposit	6/24/2011	Bryan Goldsby	275.00	275.00
Deposit	6/24/2011	Troy Goldsby	275.00	275.00
Deposit	6/24/2011	Noelle Goldsby	130.00	
Deposit	6/24/2011	Josh Yerby	275.00	130.00 275.00
Deposit	6/27/2011	Bruce Sabol		
Deposit	6/27/2011	Jason Carlee	275.00 275.00	275.00
Deposit	6/27/2011	Charles Boylen	275.00	275.00
Deposit	6/27/2011	Chance DuBose		275.00 275.00
Deposit	7/12/2011	Gerald Adrian	275.00	T C T C T C T
Deposit	7/14/2011	Susan Wilde	275.00	275.00
Check	8/26/2011	NDR Research	275.00	275.00
Total Delegate I		NDK Research	-275.00	-275.00
				22,955.00
Delegate Regis Deposit	7/5/2011	Des Destination	200.00	
Deposit	7/11/2011	Dan Bergeson	330.00	330.00
Deposit		Patrick Kelly	330.00	330.00
	7/11/2011	Toni Pennington	330.00	330.00
Deposit	7/12/2011	Dearl Sanders	330,00	330.00
Deposit	7/13/2011	Ryan Wersal	330.00	330.00
Deposit	7/13/2011	Brenda Nailor	330.00	330.00
Deposit	7/19/2011	Wally Terrill	330.00	330.00
Deposit	7/24/2011	Michael Netherland	330.00	330.00
Deposit	7/24/2011		0.00	0.00
Deposit	7/24/2011	Ryan Thum	330.00	330.00
Deposit	7/25/2011	Amy Kay	330.00	330.00
Deposit	7/25/2011	John Wilson, Jr	330.00	330.00
Deposit	7/25/2011	Mark Sytsma	33.00	33.00
Deposit	7/25/2011	Mark Sytsma	297.00	297.00
Deposit	7/25/2011	Michael Fleming	330.00	330.00
Deposit	7/25/2011	Philip Tipping	330.00	330.00
Deposit	7/25/2011	Mark Lewandowski	330.00	330.00
Deposit	7/25/2011	Jason Fausey	330.00	330.00
Deposit	7/25/2011	Chandrasekar Kurugundia		

### 09/14/11

Cash Basis

# The Aquatic Plant Management Society, Inc. Transaction Detail by Account January 1 through September 14, 2011

Туре	Date	Name	Original Amount	Paid Amount
Deposit	7/25/2011	Kenneth Barhman	330.00	330.00
Deposit	7/25/2011	Jeff Welsh	330.00	330.00
Deposit	7/25/2011	Vernon Vandiver	330.00	330.00
Total Delegate R	tegistration			6,600.00
Event Tickets	and southers	anno di sal	2000	22/00
Deposit	5/31/2011	james Bond	95.00	95.00
Deposit	6/24/2011	Marguerite Bishop	95.00	95.00
Deposit	6/27/2011	Kathy Boylen	65.00	65.00
Deposit	7/18/2011	Bonnie Cortell	115.00	115.00
Deposit	7/24/2011	Adria Essex	65.00	65.00
Deposit	7/24/2011	Kylah Essex	65.00	65.00
Deposit	7/24/2011	Jim Crosby	115.00	115.00
Deposit	7/24/2011	Diane Henderson	50.00	50.00
Deposit	7/25/2011	Marsha Reid	65.00	65.00
Deposit	7/26/2011	Shelly Boggs	65.00	65.00
Deposit	7/26/2011	Karen Gardner	65.00	65.00
Deposit	7/26/2011	Alicia Knight	65.00	65.00
Deposit	8/1/2011	Karen Gardner	50.00	50.00
Total Event Ticke	ets			975.00
Exhibit Fees				
Deposit	3/31/2011	ReMetrix, LLC	700.00	700.00
Deposit	3/31/2011	Vertex Water Features	700.00	700.00
Deposit	4/18/2011	Brewer International	700.00	700.00
Deposit	4/18/2011	PP Systems	700.00	700.00
Deposit	4/18/2011	BioSafe Systems	700.00	700.00
Deposit	4/18/2011	Aquatic Control, Inc.	700.00	700.00
Deposit	4/19/2011	SePRO Corporation	700.00	700.00
Deposit	4/21/2011	Red River Specialties, Inc.	700.00	700.00
Deposit	4/25/2011	Helena Chemical Company	700.00	700.00
Deposit	5/9/2011	AquaMaster Fountains & Aerators	700.00	700.00
Deposit	5/9/2011	Cygnet Enterprises, Inc.	700.00	700.00
Deposit Deposit	5/10/2011	Valent Professional Products	700.00	700.00
Deposit	5/31/2011 6/3/2011	Applied Polymer Systems, Inc.	700.00	700.00
Deposit	6/3/2011	Alligare, LLC CPS Timberland	700.00	700.00
Deposit	6/3/2011	Aquatic Eco-Systems, Inc.	700.00 700.00	700.00
Deposit	6/9/2011	Applied Biochemists	700.00	700.00
Deposit	6/9/2011	Sonic Solutions, LLC	700.00	700.00
Deposit	6/9/2011	Winfield Solutions, LLC	700.00	700.00
Deposit	6/9/2011	Clarke Aquatic Services, Inc.	700.00	700.00
Deposit	6/23/2011	Contour Innovations, LLC	700.00	700.00
Deposit	6/23/2011	Clean Lakes, Inc.	700.00	700.00
Deposit	6/24/2011	Airmax Ecosystem, Inc.	700.00	700.00
Deposit	6/24/2011	United Phosphorus, Inc.	700.00	700.00
Total Exhibit Fee	s			16,800.00
Guest Pre-Regis	stration			
Deposit	4/5/2011	Linda Doggett	130.00	130.00
Deposit	5/9/2011	Doreen Selden	130.00	130.00
Deposit	5/31/2011	Pamela Blackburn	130.00	130.00
Deposit	5/31/2011	Michele Bowen	130.00	130.00
Deposit	5/31/2011	Gail Manuel	130.00	130.00
Deposit	5/31/2011	Clark Throssell	130.00	130.00
Deposit	6/2/2011	Reva Pierce	130.00	130.00
Deposit	6/16/2011	Janelle Koschnick	130.00	130.00
Deposit	6/24/2011	Brenda Culpepper	130.00	130.00
Deposit	6/24/2011	Kellie Carlee	130.00	130.00
Deposit	6/24/2011	Judy Hinterman	130.00	130.00
Deposit	6/24/2011	Darlon Goldsby	130.00	130.00
Deposit	6/24/2011	Amy Goldsby	130.00	130.00
Deposit	6/24/2011	Beth Yerby	130.00	130.00
Total Guest Pre-				

09/14/11 Cash Basis

# The Aquatic Plant Management Society, Inc. Transaction Detail by Account January 1 through September 14, 2011

Туре	Date		Name	Original Amount	Paid Amount
Guest Registr Deposit Deposit	ation 7/24/2011 7/25/2011	Virginia Iwinski Erin Mudge		155.00 155.00	155.00 155.00
Total Guest Re	ANALISTIC .	Ein Müdge		100.00	310.00
Total Annual Meet	ing Income				109,312.31
TOTAL					109,312.31

09/14/11

Cash Basis

# The Aquatic Plant Management Society, Inc. Transaction Detail by Account January 1 through September 14, 2011

Туре	Date	Name	Original Amount	Paid Amount
Annual Meeting Exper	nse			
Banquet Credit Card Cha Check Credit Card Cha	2/14/2011 6/20/2011 7/26/2011	Spirit of Baltimore Spirit of Baltimore Spirit of Baltimore	4,210.60 12,368.06 8,121.75	4,210.60 12,368.00 8,121.7
Total Banquet		A LA LA LALLA		24,700.4
Deposit Check Check	6/17/2011 8/1/2011	Hyatt Regency Baltimore, MD Little America Hotel	30,000.00 4,791.00	30,000.00 4,791.00
Total Deposit				34,791.00
Guest Tour Check Check Check	3/1/2011 5/31/2011 8/9/2011	GEP Baltimore GEP Baltimore GEP Baltimore	1,830.00 610.00 1,342.00	1,830.00 610.00 1,342.00
Total Guest Tour				3,782.0
Invited Speaker Check	8/12/2011	Lisa Huberty	530.87	530.8
Total Invited Speake	er			530.8
Meeting Planner Check Check Check	4/13/2011 6/22/2011 8/8/2011	Florida Event Planning & Meeting Service Florida Event Planning & Meeting Service Florida Event Planning & Meeting Service	808.30 750.00 4,990.45	808.30 750.00 4,990.45
Total Meeting Plann	ier			6,548.7
Student Tour Check Credit Card Cha Credit Card Cha Check	7/26/2011 7/27/2011 7/28/2011 8/1/2011	Rebecca Haynie Woody's Crab House Hertz Rebecca Haynie	153.54 366.27 321.05 73.62	153.54 366.2 321.0 73.6
Total Student Tour				914.4
Annual Meeting Ex Credit Card Cha Check	6/22/2011 8/8/2011	Busby Office Supply & Printing Hyatt Regency Baltimore, MD	130.18 20,369.31	130.1/ 20,369.3
Total Annual Meetin	ng Expense - Other			20,499.4
Total Annual Meeting E	xpense			91,767.0
TAL				91,767.0

### AGREEMENT BETWEEN Aquatic Plant Management Society Known hereafter as You AND Little America Hotel Company Known hereafter as Hotel.

Client Contact Name Contact Title Company Address City, State, Zip Telephone Fax Email Mr. Bill Torres Meeting Planner Aquatic Plant Management Society 329 Dreadnaught Court Tallahassee, FL 32312 850-519-4310 850-514-4157 fapms@embarqmail.com

Salesperson Name Salesperson Title Address City, State, Zip Telephone Fax Email Sam Macy Senior Sales Manager 500 South Main Street Salt Lake City, UT 84101 (801) 258-6757 (801) 258-6858 smacy@grandamerica.com

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# **Definitions**

TERM	DEFINITION OF TERM
Authorized Representative	Persons authorized by Group to sign charges against the Master Account.
-	Listed by name, they are:
	Bill Torres
[	Sherry Whitaker
AV Contractor Fee	\$500 per day.
Complimentary Rooms	One complimentary room nights earned by Group for every 40 room nights
	paid and occupied at the full contract rate.
	1 View King = 1.5 room nights earned or consumed
	1 Governor Suite = 4 room nights earned or consumed
Commission Rate	10%
Commission Recipient	Bill Torres – Florida Event Planning & Meeting Services
F&B	Food and Beverage
F&B Service Charge	22%
F&B Service Charge Tax	7.85% at present
Sales Tax Rate	6.85% at present
Guaranteed Room Revenue	90% of Total Contracted Room Revenue + applicable taxes
Guaranteed F&B Revenue	90% of Total Contracted F&B Revenue + applicable taxes and service
	charges
Guests	Individuals affiliated with Group that occupy rooms or attend Group
	sponsored events.
Master Account	The Master Account is an account that collects charges to be paid for by the
	Group and not individual Guests.
Maximum Occupancy	Maximum sleeping room occupants. Two adults in rooms with one bed.
	Four persons in rooms with two beds.
Peak night	The date when the maximum number of rooms is occupied by Group on a
	single night during Event.
Program Due Date	Date one year prior to block start date. Group must provide Hotel with
	meeting room specifics-start and end times, set-up type, and date.
Reservation due Date	Date 30 days prior to block start date. Group must provide Hotel with a list of
	Guests by this date or ensure that guests reserve directly with Hotel in Group
	block. Reservations must include first name, last name, arrival date,
	departure date, room type, and any special requests applicable to each guest.
Reservation Number	800-437-5288
Room Tax Rate	12.85% at present
Total Contracted F&B Revenue	The expected value of the bill from Hotel to Group for food and beverage
Mald Condine Cond 14	services before taxes and service charge
Maid Service Gratuity	\$0.00 at present. Guest Discretion
Porterage Tip	\$0.00 at present. Guest Discretion
Total Contracted Room	Inventory of sleeping rooms held out of inventory by Hotel for Groups
Revenue	attendees multiplied by the net rate before taxes for the respective room type.

Aquatic Plant Management Society 1597036

\_\_\_\_\_ Initial: Hotel

Date \_\_\_\_\_

Initial: Group

Page 2 of 13 Date 6/20/11

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Anticipated Room Night and Banquet F&B Revenues Upon acceptance of this contract, we will remove from our inventory and consider sold to you room nights according to the following

pattern:

Aquatic Plant Management Society 1597036					Page 3 of 13
Initial: Hotel	Date	Initial: Group	LN	Date 6/201	1

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Little America Hotel	Rate	7/21/2012	7/22/2012	7/23/2012	7/24/2012	7/25/2012	Summary
noter	Nate	Sat	Sun	Mon	Tue	Wed	Summary
Townelling		30	120	120	80	30	380
Tower King	\$139.00	30	120	120	80	30	380
Tower 2 Queens	\$139.00	0	0	о	0	0	0
Garden King	\$0.00	0	0	0	0	0	0
Garden 2 Queen	\$0.00	0	0	0	0	0	. 0
Courtside Queen	\$0.00	0	0	o	0	0	o
Courtside 2							
Doubles	\$0.00	0	0	0	0	0	0
Presidential Suite				-	_	_	
King Room	\$0.00	0	0	0	0	0	0
Total Room Block		30	120	120	80	30	380
Net Average Daily R	ate	\$139	\$139	\$139	\$139	\$139	\$139
Contracted Room R	evenue	\$4,170	\$16,680	\$16,680	\$11,120	\$4,170	\$52,820
Contracted F&B							
Revenue	\$43,000						
Fotal Contracted Ro	om Nights			380			
Total Contracted Ro	om Revenue			\$52,820			
Attrition allowance (in	f notified per	contract)	20%	(\$10,564)			
Suaranteed Room R	levenue			\$42,256			
otal Contracted F&	B Revenue	1		\$43,000			
Attrition allowance (if notified per contract)		20%	(\$8,600)				
Suaranteed F&B Re	venue			\$34,400			
Block Start Date	•	21-Jul-12, Sat					
ate 6/21/2012		30 days < Block Start Date					

Rooms will post to Master Acct

Please advise your guests that check-in time starts at 3:00pm and check-out time is 12:00pm. Guests arriving

Aquatic Plant Management Society 1597036

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Initial: Hotel \_

Date \_\_\_\_\_

LN Initial: Group

Date 6/20/11

prior to 3:00pm will be given access to accommodations as they become available.

These rates will be subject to all state and city taxes and governmental assessments in effect at the time of the Group's meeting Room rates quoted above are non-commissionable, net rates.

### **Sleeping Room Reservation Procedure**

From the moment this contract is accepted, we will be holding your contracted guest room block for the use of your attendees. Though you are responsible for the room block set forth above, reservations are required to enable us to assign individuals to rooms. Choose only one.

Rooming List: Group will provide a rooming list on or before the Reservation due Date. If you are unable to provide us with a final list by the Reservation due Date, the Hotel will require you to prepay for the number of rooms you will utilize. Any room nights not reserved as described above or not prepaid as noted above will be deemed to be room nights which you will not use and will become subject to the attrition provisions herein, and will be returned to our inventory for sale to others. Should your attendees desire to utilize those room nights after the Reservation due Date, those room nights will be provided subject to space and group rate availability, and if provided, will be deemed room nights used by your group for purposes of any attrition calculations.

X Hotel Reservation Line: Your attendees will phone their reservation requests directly to the Hotel Reservations Department. All reservations must be received no later than Reservation due Date. Group agrees to instruct attendees to identify themselves as Group Guests upon reserving rooms. At that time, any room nights not reserved as described above will be deemed to be room nights that you will not use and will become subject to the attrition provisions herein, and will be returned to our inventory for sale to others. Should your attendees desire to utilize those room nights after Reservation due Date, those room nights will be provided subject to space and group rate availability, and if provided will be deemed room nights used by your group for purposes of any attrition calculation. Calls must be made via the Reservation Number.

Full payment for first night room and tax is due by Reservation due Date. Individual reservation requests made by Reservation due Date will be confirmed, if possible, when full payment for first night is received. An individual's deposit is refundable to that individual if Hotel receives notice of an individual's cancellation at least 10 days prior to scheduled arrival, though this shall have no bearing upon Group's total liability pursuant to either the attrition or cancellation clauses herein.

# **Commission / Third party payments**

The Hotel will pay Commission Rate for each revenue room night reserved as part of the established group block at the special group rates contained in this agreement to Commission Recipient. Payment will be made after receipt by the Hotel of full payment for the event. You will take full responsibility for determining whether disclosure of payments is required and for making disclosure of all such payments, and defend and indemnify Hotel in any claims arising out of or related to disclosure.

# **Concessions:**

- One complimentary room for the meeting planner during the dates of the program.
- Meeting room rental waived assuming 80% pickup of contracted guestrooms block and F&B.
- 10% discount off AV
- Lock in F&B pricing 12 months out.
- 25 complimentary exhibit tables
- Complimentary board meeting space for 15 for a weekend in January 2012.
- Group rates available 3 days pre/post pending availability.
- 1 per 40 complimentary room ratio.
- 2 complimentary rooms for site visit.

Aquatic Plant Management Society

1597036

Initial: Hotel

Date \_\_\_\_\_

Initial: Group  $\square$  Date  $\frac{b/20}{11}$ 

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- Complimentary Self Parking
- No Resort Fee

# **Complimentary Rooms**

Hotel will be pleased to provide one (1) complimentary room night for every 40 room nights paid per hotel (a) actually occupied by your attendees and (b) paid for at the full contract rate. The complimentary room nights earned will be compared to the complimentary room nights consumed and any variance will be charged to the master account. Complimentary room nights earned in excess of those occupied will decrease amount owed by Group and complimentary room nights earned below those occupied will increase amount owed by Group. Complimentary rooms are consumed and earned on a nightly basis.

# **Guest Room Charges**

Select one only

X Guests will pay own charges.

Group will pay all room & tax for attendees.

Group will pay room, tax, meals for attendees.

Group will pay all charges for attendees.

Group shall notify Hotel of any guests (e.g. VIPs) exceptions to the designation above by the Reservation Due Date.

# **Taxes and Gratuities**

Hotel rooms are taxed at the current Room Tax Rate. All other hotel purchases may be subject to sales tax. Please note that these taxes are subject to change under tax laws. Private group F&B functions have the applicable hotel's F&B Service Charge and sales tax applied.

# Porterage and Gratuities : Tips will be at guest discretion.

The following gratuities will be applied:

Porterage Tip: round trip fee per person to be applied to the Master Account

] Maid Services Tip: fee per night applied to the Master Account

Room Delivery Tip: fee per night applied to the Master Account

Tips are at Guests discretion (not applied to Master Account).

Group shall be solely and fully responsible for informing its attendees of these charges and that they are separate and distinct from and in addition to the room rate and from taxes. Group shall not, in any printed materials regarding the meeting or in any other manner, combine these charges into any category such as taxes or room rate. It shall be Group's sole responsibility to disclose clearly and conspicuously to all attendees, in advance of booking and making reservations for rooms supplied by Hotel, any and all taxes specified by Hotel herein and any and all additional charges specified herein. Should any attendee object to paying for an automatic charge (such as porterage or maid service gratuities, etc) because of inadequate notice of the charge, the charges to which such attendee objects shall be posted to the Group's master account.

### Function Space, Setup and Program Due Date

The group requests the function space on the attached meeting itinerary, Exhibit A. A final program is due by Program Due Date, but hotel is not obligated to provide function space beyond that outlined on Exhibit A. If Group does not provide a final program by Program Due Date, Hotel may market the meeting space, though this shall have no bearing upon Group's total liability pursuant to either the attrition or cancellation clauses herein. Function space is assigned according to the number of persons you have indicated will attend, and based

Aquatic Plant Management Society 1597036			Page 6 of 13
Initial: Hotel	Date	Initial: Group	Date 6/20/11

upon sleeping room and food and beverage commitments. Group agrees that Hotel may substitute space of appropriate size and comparable quality for the event. The group agrees to promptly notify the Hotel of any desired changes in its function space requirements and Hotel will apply best efforts to accommodate Group's requirements.

# **Event Technology Services**

Hotel has a complete inventory of state-of-the-art audio, visual and computer equipment and staff on property. Groups and individuals are encouraged to utilize the services of Hotels Audio Visual Department. Should a group or individual decide to use AV equipment or services from an outside contractor, the AV Contractor Fee will be applied per day to the group or individual's Master Account to compensate the Hotel for its costs incurred in ensuring that your outside vendor conforms to the Hotel's physical requirements. Hotel shall receive an additional fee for each connection to Hotel audio system, data system, power system, or physical attachment to Hotel structure and Hotel shall supervise such connection. Should the outside contractor use in-house services for equipment or services, all associated costs will be posted to the group master account or paid by the outside vendor.

# **Use of Outside Vendors**

The Hotel reserves the right to approve all outside contractors hired for use by the Group in the Hotel. The Hotel must be notified in advance of any proposed vendor. The Hotel reserves the right to advance approval of all specifications, including electrical requirements, from all outside contractors. The Group and/or outside contractors must provide proof of worker's compensation insurance for employees who will work on Hotel premises and proof of adequate general liability coverage for the Group and/or outside contractors' activities while on Hotel's premises, and must comply with all other similar requirements the Hotel deems appropriate, in its sole discretion, regarding use of function space, facilities and use of Hotel services. Hotel may, in its sole discretion, require that such outside vendor provide Hotel, in form and amount reasonably satisfactory to Hotel, an indemnification agreement. Moreover, Group's contracts with its outside vendors will all specify that the contractor and the group will indemnify and hold the Hotel harmless from any and all damages and liabilities which may arise by such contractors or through their use. If Group hires outside vendor for load-in or load-out, Hotel shall provide security oversight and Group shall compensate Hotel for same.

# **Deposit Procedure/Schedule**

Group agrees to pay deposits in the percentages of Total Contracted Room Revenue and Total Contracted F&B Revenue listed below:

1: Within 15 days of signing this agreement 5% **35%** (1) 2. 180 days in advance of the event, 30% (50% cumulative).

 180 days in advance of the event, 30% (59% cumulative).
 90 days in advance of the event, 30% (99% cumulative). 65%
 All checks should be made payable to Hotel and sent to the attention of Accounting Department. Please be sure to include your group's name and meeting dates to ensure proper credit. Failure to pay any deposit shall be deemed as cancellation.

# Cancellation

In the event of a group cancellation occurring between the time of acceptance of this contract and arrival. liquidated damages will be due calculated based on the date of cancellation as a percentage of Total Contracted Room Revenue and Total Contracted F&B Revenue, plus applicable taxes, governmental assessments and service charges.

- Cancellation 366 days, or earlier, in advance of the event, 25% •
- Cancellation between 365 and 181 days in advance of the event, 50%
- Cancellation between 180 and 91 days in advance of the event, 75% ٠

Aquatic Plant Management Society 1597036

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Cancellation between 90 and 0 days of the event, 90%

All fees for cancellation are due within fifteen days of notice of cancellation.

### Performance

Group contracts for a block of rooms, meeting facilities, and food and beverage services. Hotel shall consider sold to Group and remove from inventory those room nights, facilities and services. It is impossible for the hotel to know in advance whether or under what circumstances or at what rates it would be able to resell these items as the result of a cancellation of Group's meeting or as the result of less than contracted usage. Even when rooms or services may be resold, it is impossible to predict the cost to re-market them.

For these reasons and others, we agree that in the event of cancellation or attrition, the following charges, which represent a reasonable effort on behalf of the Hotel to establish its loss prospectively, shall be due as liquidated damages. Because the Hotel reasonably expects to derive revenue from your meeting above and beyond that revenue derived from the provision of room nights and F&B services, and because it is difficult to estimate the actual revenue which may be derived from your meeting, the amounts due as and for liquidated damages are intended to compensate the Hotel for its losses associated with cancellation and/or attrition.

At this time, the Hotel is holding Total Contracted Room Nights for your use over the contracted dates which will generate Total Contracted Room Revenue. Total Contracted F&B Revenue is also in the table above. All food and beverage is subject to F&B Service Charge and F&B Service Charge Tax. All revenue figures are net and not inclusive of taxes, governmental assessments, service charge or commissions.

We agree to allow for a 10% reduction in the Total Contracted Room Revenue and Total Contracted F&B Revenue figures, provided that you make a written request for that reduction between now and 60 days prior to your arrival date. At the conclusion of your meeting, we will:

1) Subtract the rooms revenue derived from your meeting and the amount of any permissible attrition you have taken from the Total Contracted Room Revenue and any remaining amount will be posted as a charge to your master account, plus applicable taxes (if any).

2) Subtract the F&B revenue derived from your meeting and the amount of any permissible attrition you have taken from the Total Contracted F&B Revenue and any remaining amount will be posted as a charge to your master account, plus applicable taxes (if any).

### Payment

In the event that credit is not requested or is not approved, pre-payment of your total estimated Master Account will be due by check or wire prior to your arrival. Under such circumstance, failure to remit the appropriate pre-payment on a timely basis will be considered a cancellation by the group and the group shall be liable for amounts as described in the cancellation provisions.

All third party charges for services and/or supplies, not directly supplied by the Hotel, will be billed to the Master Account whether they have been arranged for by the Hotel on behalf of Group or directly by the Group. A handling fee in the amount of 25% percent of all third party charges will be assessed if placed on the Master Account. Only the Authorized Representative(s) of the group, as designated by the group in advance of the commencement of the meeting, may direct charges to the Master Account.

Individual guest accounts are payable at check-out by cash or credit card.

## Billing

Please complete the enclosed direct bill application and return it to the Hotel's Accounting Department within 30 days so that we may attempt to approve credit for your meeting.

A final bill, containing receipts and other back-up information, will be mailed to the Group within 15 business days of the Group's departure. Master account charges may be paid in the form of cash, check or bank transfer. All master account charges not paid within 30 days of the billing date will bear interest at the lower of the rate of 2% per month, compounded monthly, if permissible by law, or the highest rate permissible by law. Should

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the Hotel, in its sole discretion, deem collection action necessary in regard to outstanding balances hereunder, all costs associated with that collection action, including attorney's fees, shall be posted to the master account.

### Security

You agree the Hotel is a reasonably secure facility. We are not responsible for any loss or damage to your property. If required, in our sole judgment, in order to maintain adequate security measures in light of the size and/or nature of your function, you will provide, at your expense, security personnel supplied by a reputable licensed guard or security agency doing business in the city or county in which we are located, which agency will be subject to our prior approval. Such security personnel may not carry weapons. The Hotel reserves the right to inspect and control any function occurring on or about its premises but has no obligation to do so. For the safety of persons and property, no fireworks or incendiary devices may be used indoors at the hotel Group agrees to comply with all applicable federal, state and local laws, including health and safety codes and federal anti-terrorism laws and regulations including all provisions of the Patriot Act and regulations of the U.S. Department of Homeland Security and the Office of Foreign Assets Control. Group agrees to cooperate with Hotel and any relevant governmental authority to ensure compliance with such laws.

# Outside F&B

The Hotel is the only authorized licensee to sell and serve food, liquor, beer and wine on hotel property. You must obtain prior approval from us before you bring in any food or beverages from outside sources. Due to health regulations no leftover food or beverages can be taken from the premises.

### **Deliveries**

Arrangements for delivery of packages should be made through us well in advance of your event. For each package 20-pounds or lighter delivered to us and subsequently (or directly) delivered to you, a \$5.00 per package handling fee applies. Contact us for receiving, handling and shipping charges for heavier inbound packages and all outbound packages. No COD packages will be accepted.

### **Conduct of Event**

You agree to begin your event(s) promptly at the scheduled start time and agree to have your guests, invitees and other persons vacate the designated event space at the end time indicated on the final BEO. You further agree to reimburse us for any overtime wage payments or other expense incurred by us because of your failure to comply with these requirements.

To ensure the enjoyment of other hotel patrons, all groups will be limited on the types of entertainment and amplification levels used during their events. Any unusual (e.g. loud, offensive, controversial) activities must be approved in advance, in writing, by us. You assume full responsibility for the conduct of all persons in attendance at your event and for any damage done to any part of our premises during the time of your event.

# **Fire Safety**

All room sets must be in compliance with the local Fire Department regulations pertaining to occupancy load, mandatory aisles and ceiling clearance and fire exits. Any event which has vehicle displays, fog machines, fueled cooking demonstrations, laser, exhibits (including tabletop) or extensive productions with staging and props must have a certified permit from the local Fire Marshal. All associated fees for permits, floor plan approval and stand-by fire watch are your responsibility and final approved copies must be provided to Hotel at least three days prior to the event.

### Entire agreement and future changes

This contract is the entire agreement between the parties, superseding all prior proposals both oral and written, negotiations, representations, commitments and other communications between the parties, and may only be supplemented or changed in writing, signed by a representative of the group and Hotel, provided, however, that this contract includes all signed or unsigned banquet event orders (and the terms and conditions contained therein and attached thereto) issued by us for this and related events. In the event any BEO conflicts with this Aquatic Plant Management Society

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Initial: Hotel \_\_\_\_\_

Date \_\_\_\_\_

Initial: Group \_\_\_\_\_ Date \_\_\_\_\_ Date \_\_\_\_\_ [1]

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contract, the terms of the contract shall prevail, unless the BEO specifically states that it is intended to override the contract.

No representative of the Hotel has been or is authorized to make any representation which varies from the express terms of this contract, though this contract may be supplemented or amended in writing. Group may not assign any benefits arising under or associated in any way with this contract without prior consent of Hotel. Jurisdiction:

This agreement is to be governed and construed by the laws of the State in which the Hotel's premises are located. The parties consent to the jurisdiction of that State for purposes of venue, personal and/ or subject matter jurisdiction of any action in connection herewith.

### Attorneys fees:

In the event of litigation arising from or associated with this contract, the parties agree that the prevailing party therein shall recover its attorneys' fees and costs plus pre and post judgment interest. If the Hotel retains the services of a collection agency or attorney to assist in the collection of any amounts due under this agreement, you will pay all expenses incurred by us in such collection efforts.

### Force Majeure

The performance of this agreement by either party is subject to acts of God, Government regulations, terrorist acts, disaster, riot, strikes, and civil disorder that make it commercially impractical or impossible to provide the facilities for the event or conduct the meeting.

### Indemnification

Both the Group and Hotel agree to indemnify and hold harmless both the Group and Hotel, its officers, directors, partners, agents, members and employees, from and against any and all claims, losses, liabilities and damages, including without limitation amounts paid in settlements, costs of investigation, and attorney's fees, arising out of or caused by the gross negligence or willful misconduct of the Group, Hotel and/or its guests, attendees, invitees, exhibitors, agents, outside contractors or vendors, in connection with the use of the Hotel facilities or services. The Group and Hotel shall not have waived or be deemed to have waived any defense that it may have with respect to such claims.

### Insurance

Hotel and Group each agree to carry adequate liability and other insurance in the minimum amounts of \$3 Million per occurrence and \$5 Million aggregate limits for general liability and property damage. The Group agrees to provide to Hotel satisfactory proof of insurance upon request. The Group agrees to name Hotel as an additional insured for the activities hereunder. Group will accept full responsibility for any damages resulting from any activities of its guests on Hotel premises. The Hotel is not responsible for damage or loss no matter how caused, to any samples, displays, properties, equipment, exhibits or personal effects brought onto the Hotel premises.

### Authority

The persons signing the agreement on behalf of Hotel and Group each warrant that they are authorized to make agreements and to bind their principals to this agreement.

### **Hotel Policies**

Logo: The Group shall not use the name, trademark or logo or any other proprietary designation of the Hotel in any advertising or promotional material without the prior written permission of the Hotel. Group shall comply with the terms and conditions required by the Hotel for such use.

Utilities: All electrical services and utilities, including phone and riggings, must be contracted for through Hotel.

Signs and banners are not allowed in the Hotel's public areas without express approval from the Hotel General Manager. In regard to the group's meeting space, all signs must be professionally printed and their placement and posting be pre-approved by Hotel. Nothing shall be posted, nailed, screwed or otherwise attached to walls, floors, or other parts of the building or furniture. Distribution of gummed stickers or labels is strictly Aquatic Plant Management Society Page 10 of 13

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prohibited.

Pets are not allowed, with the exception of guide dogs or medically prescribed animals.

Smoking is not allowed in guest rooms or within 25 feet of buildings.

Furniture: No tables or signage may be placed outside meeting room entrances without approval from Hotel. Existing furnishings may not be moved unless approved by Hotel.

Acceptance

This contract shall be deemed accepted only after it has been signed by a representative of the group and thereafter signed by a representative of the Hotel. Acceptance may be made by facsimile transmission and this contract may be executed in one or more counterparts, each of which when fully executed, shall be deemed to be an original, and all of which shall be deemed to be the same agreement. We look forward to working with you and to hosting a memorable meeting.

Mś. Linda Nelson

Aquatic Plant Management Society

Sam Macy Senior Sales Manager LITTLE AMERICA HOTEL COMPANY

Date

Date

President

Aquatic Plant Management Society 1597036 Page 11 of 13 Date 6/20/11 Date Initial: Group Initial: Hotel

# ATTACHMENT B

Date	Time	Event	Function Space	Setup Style	Ppl.	Rental Rev.
07-22-12	06:00 AM-11:00 PM	Exhibits	Ballroom C-Foyer C	Exhibits	25	\$
	06:00 AM-11:00 PM	Office	Cheyenne	Office	5	\$20
	07:30 AM-12:00 PM	Board Meeting	Snowbasin	Conference	25	\$30
	08:00 AM-05:00 PM	Speaker room	Casper	As Is	5	\$200
	08:00 AM-05:00 PM	Registration	Lobby Registration	Registration	4	\$0
	11:30 AM-01:00 PM	Lunch	Flagstaff	Rounds of 8	30	\$0
	05:30 PM-07:00 PM	Reception	Ballroom C	Reception	225	\$0
	07:00 PM-09:00 PM	Presidential Reception	Bailroom C	Reception	225	\$0
07-23-12	06:00 AM-11:00 PM	Exhibits	Ballroom C-Foyer C	Exhibits	25	\$(
1	06:00 AM-11:00 PM	Office	Cheyenne	Office	5	\$200
fict	08:00 AM-05:00 PM	General Session	Ballroom A-B	Classroom	200	\$0
270	08:00 AM-05:00 PM	Speaker room	Casper	As Is	5	\$200
	08:00 AM-05:00 PM	Registration	Lobby Registration	Registration	4	-\$0
07-24-12	06:00 AM-11:00 PM	Exhibits	Ballroom C-Foyer C	Exhibits	25	\$0
	06:00 AM-11:00 PM	Office	Cheyenne	Office	5	\$200
	06:30 AM-08:00 AM	Breakfast	Flagstaff	Rounds of 8	20	\$0
	08:00 AM-05:00 PM	General Session	Ballroom A-B	Classroom	200	\$0.
	08:00 AM-05:00 PM	Speaker room	Casper	As Is	5	\$200
	08:00 AM-05:00 PM	Registration	Lobby Registration	Registration	4	\$0.
	11:30 AM-01:00 PM	Lunch	Uintah	Rounds of 8	15	\$C
	11:30 AM-01:00 PM	Lunch	Sawtooth	Rounds of 8	25	\$C.
yett	12:00 PM-04:00 PM	Board Meeting	Snowbasin	Conference	25	\$25(
	06:00 PM-07:00 PM	Reception	State Rooms	Reception	240	\$0.
	07:00 PM-10:00 PM	Dinner	Ballroom C	Rounds of 10	240	<b>\$</b> (.
07-25-12	06:00 AM-11:00 PM	Exhibits	Ballroom C-Foyer C	Exhibits	25	<b>\$</b> (.
	06:00 AM-11:00 PM	Office	Cheyenne	Office	5	\$200.
	06:00 AM-11:00 PM	Board Meeting	Snowbasin	Conference	15	4.
	11:30 AM-01:00 PM	Lunch	Sawtooth	Rounds of 6	15	\$4.
	08:00 AM-05:00 PM	General Session	Ballroom A-B	Classroom	200	\$ <b>6</b> .
	08:00 AM-05:00 PM	Speaker room	Casper	As Is	5	\$20
	08:00 AM-05:00 PM	Registration	Lobby Registration	Registration	4	\$4.

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### LITTLE AMERICA HOTEL COMPANY 2011 Meeting Room Charges

These charges shown are current charges for meeting rooms on a per room, per day basis. Day usage based on an 8:00 AM - 5:00 PM hold. Evening meetings and 24-hour holds generate additional room charges. There will be a meeting room charge for private banquet rooms for groups of less than 20 persons.

	8am-5pm	24 Hour
Grand Ballroom	\$6,000.00	\$12,000.00
Baliroom A	\$2,008,00	\$4,090.00
Ballroom B	\$2,000.00	\$4,000.00
Ballroom C	\$2,000.00	\$4,000.00
Foyer A	\$400.00	\$800.00
Foyer B	\$400.00	\$800.00
Foyer C	\$400,00	\$800.00
Wyoming, Idaho or Arizona	\$700.00	\$1,400.00
Flagstaff, Sun Valley or Tucson	\$500.00	\$1,000.00
Uintah, Sawtooth or Wasatch	\$400.00	\$800.00

EXHIBIT SPACE - \$35.00 per booth per day

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Initial: Hotel	Date	Initial: Group	Date 6/20/11

**Preliminary Budget** 52nd Annual Meeting, July 22-25, 2012, Salt Lake City, Utah

Income/Expense	
Income	
Exhibitor Fees	15,400.00
Registration	
Delegate	27,115.00
Guest	2,600.00
Student	-
Tickets	
Total Registration	
Sponsor Contributions	53,687.00
Total Income	98,802.00
Expense	
Audio Visual	5,200.00
Food and Beverage	
Banquet	22,000.00
Board of Directors Meetings	2,200.00
Past Presidents' Luncheon	750.00
Poster Session Reception	12,000.00
President's Reception	12,000.00
Refreshment Breaks	13,000.00
Regional Chapters Presidents' Breakfast	750.00
Student Affairs Luncheon	1,000.00
Total Food and Beverage	63,700.00
Guest Tour	4,000.00
Meeting Rooms	700.00
Poster Boards	1,100.00
Program	-
Student Guest Rooms	4,200.00
Total Expense	78,900.00
Net Income	19,902.00



Agreement between Aquatic Plant Management Society and Silver Rio Limited Partnership d/b/a Westin Riverwalk Hotel

Mr. Tyler Koschnick President Aquatic Plant Management Society Vicksburg, MS 39182 Phone: 317-216-8280 E-Mail: tylerk@seapro.com Ms. Tracy Jacaman-Ligarde, CMP Director of Group Sales Silver Rio Limited Partnership d/b/a Westin Riverwalk Hotel 420 West Market St. San Antonio, TX 78205 Hotel Direct: 210-224-6500 Sales Direct: 210-444-6050 Sales Fax: 210-444-6042 E-Mail: tracy.ligarde@westin.com

#### RE: 2013 APMS Annual Meeting

Event Dates: Saturday, July 13, 2013 - Thursday, July 18, 2013

This Agreement between Aquatic Plant Management Society ("Group") and Silver Rio Limited Partnership d/b/a Westin Riverwalk Hotel ("Hotel") is effective as of the date it is signed by Hotel ("Agreement Date").

These arrangements will be a definite commitment upon signing of this agreement (the "Contract") by both parties.

However, between now and 10/31/2011, unless both parties have agreed upon and fully executed this Contract, should another group request the dates and be in a position to sign an agreement immediately with Hotel, we will advise Group, and Group will have three (3) business days to sign this Contract and confirm the arrangements on a definite basis or Hotel may at its option enter into an agreement with another group or individuals.

If this Contract is not fully executed by 10/31/2011, the room block may be automatically released.

Guest Rooms: This Agreement applies to the following block of guest rooms (the "Room Block"):

	Sat 07/13 Su	n 07/14 🔍 N	lon 07/15 👘 Tu	ie 07/16 M	/ed 07/17
Run of House	30	120	120	80	30

Total Guest Room Night Commitment: Group's total guest room night commitment is 380.

<u>Cut-off Date</u>: The "cut-off date" for reserving rooms in the Room Block is 5:00 p.m. local time at Hotel on June 4320, 2013. After the cut-off date, it is at Hotel's discretion whether to accept additional reservations, which will be subject to prevailing rates and availability. Failure to reserve rooms in the Room Block prior to the cut-off date does not reduce Group's total guest room night commitment and does not impact the "Attrition" or "Cancellation" provisions below.

Rates: Hotel will provide the guest room rates below for the Room Block (the "Rates"):

\$159.00 single/double Addt'l Person: \$20.00 ea

Rates are commissionable at 10% payable toFlorida Event Planning & Meeting Service.Rates do not include applicable state and local taxes, currently 16.75%.

Rates will be available 3 days prior and 3 days after the Event Dates indicated in the Room Block, subject to availability of guest rooms at the time of reservation.

Early Departure Fee: An early departure fee of one night's room and tax will apply if a Group attendee checks out prior to the confirmed checkout date.

<u>Food & Beverage</u>: Due to licensing requirements and for quality control, all food and beverage served at Hotel must be supplied and prepared by Hotel. Menu prices will be confirmed on Banquet Event Orders (BEOs). A 24% service charge (plus all applicable taxes) will be added to all food and beverage charges

<u>Minimum Revenue</u>: This Agreement will generate revenue for Hotel from a variety of sources, including guest rooms, food & beverage, and charges for ancillary services. The minimum revenue anticipated by Hotel under this Agreement (excluding taxes and other charges) is:

Minimum Guest Room Revenue (# of room nights in Room Block x average Rate);	\$60,420
Minimum Food & Beverage Revenue (based on committed food & beverage minimum):	\$35,000
Total Minimum Revenue:	\$95,420

If Group does not fulfill all of its commitments or cancels this Agreement, Group agrees that Hotel will suffer damages that will be difficult to determine. The "Attrition" and "Cancellation" provisions below provide for liquidated damages agreed upon by the parties as a reasonable estimate of Hotel's losses and do not constitute a penalty of any kind.

<u>Attrition</u>: Group will meet its minimum revenue requirements under this Agreement if it fulfills its Minimum Food & Beverage Revenue commitment above and its Adjusted Minimum Guest Room Revenue commitment based on the attrition allowance below.

Adjusted Minimum Guest Room Revenue:	85% of Minimum Guest Room Revenue = \$51,357	
--------------------------------------	--	--

This attrition allowance does not apply if Group cancels the Agreement or does not hold the event at Hotel. If Group holds its event at Hotel, but does not fulfill its Adjusted Minimum Guest Room Revenue commitment it will pay Guest Room Attrition Damages (plus all applicable taxes) as a reasonable estimate of Hotel's losses as follows:

Guest Room Attrition Damages Equal:
Adjusted Minimum Guest Room Revenue
Minus
Actual Guest Room Revenue from Room Block
Minus
"Resold" Room Revenue

Because it is impossible to accurately determine what guest rooms are resold and at what rate, "Resold" Room Revenue will equal Group's Average Rate for each day that guest rooms are resold *times* the number of resold guest rooms. Unused guest rooms in the Room Block will be considered "Resold" rooms to the extent that Hotel is able to sell more guest rooms than it could have sold if Group had fully occupied its reserved block. For example, if Group does not use 30 rooms in the Room Block for one day but only 10 rooms remain unsold in Hotel for that day, the Attrition Damages owed will be reduced by the average daily rate for that day times 20.

If Group does not fulfill its Minimum Food & Beverage Revenue commitment, it will pay the difference between its Minimum Food & Beverage Revenue commitment and its actual food & beverage revenue (plus all applicable taxes).

<u>Cancellation</u>: If Group cancels this Agreement, Group will provide written notice to Hotel, accompanied (except in the case of a Force Majeure) by payment of the amounts indicated below:

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From the Agreement Date to 365 days prior to Saturday, July 13, 2013:	20% of Total Minimum Revenue = \$19,084
From 364 days to 181 days prior to Saturday, July 13, 2013:	40% of Total Minimum Revenue = \$38,168
From 180 days to 91 day prior to Saturday, July 13, 2013:	60% of Total Minimum Revenue = \$57,252
From 90 days or less prior to Saturday, July 13, 2013:	80% of Total Minimum Revenue = \$76,336

The parties agree that the amounts included in this Cancellation clause are reasonable estimates of the losses that would be incurred by Hotel and factor in Hotel's ability to mitigate its losses through resale.

Payment Options: Payment will be made as indicated below.

Guest rooms (including taxes and automatic or mandatory charges);	🖾 Group	☑ Guests
Event Food & Beverage (including taxes and service charges):	☑ Group	🛛 Guests
Meeting Room Rental (including taxes and service charges):	🗹 Group	🗆 Guests
Incidental charges:	Group	⊠Guests

#### Function Space:

Date	Start Time	End Time	Function	Room	Setup	Agr
Sun, 7/14/2013	7:30 AM	11:59 PM	Board Meeting	Camino Real ~ Lobby Level	Hollow Square	25
	8:00 AM	5:00 PM	Registration	Navarro Pre-Function	Registration	
	8:00 AM	11:59 PM	Exhibit	Navarro Pre-Function	Table Tops	22 10
<u></u>	5:00 PM	6:00 AM	Speaker Ready	La Babia <del>VIIIa</del> ~ Ballroom		
			Room	Level		
	5:00 PM	7:30 AM	Office	Zapata ~ Ballroom Level		1
	7:00 PM	9:00 PM	Exhibit/Posters	Navarro A ~ Ballroom Level	Table Tops	33
	7;00 PM	9;00 PM	Reception	Navarro B ~ Ballroom Level	Rounds	225
·····	7:00 PM	9:00 PM	Reception	Navarro Pre-Function	Flow Through	
Mon, 7/15/2013	7:30 AM	11:59 PM	Board Meeting	Encino-Villa	Hollow Square	25
	8:00 AM	5:00 PM	Speaker Ready Room	La Babia ~ Ballroom Level	Rounds	5
	8:00 AM	5:00 PM	General Session	Navarro B ~ Ballroom Level	Theater & Classroom Style	200
	8:00 AM	5:00 PM	Registration	Navarro Pre-Function	Registration	
	8:00 AM	11:59 PM	Office	Zapata ~ Ballroom Level		5
	8:00 AM	11:59 PM	Exhibit/Posters	Navarro A ~ Ballroom Level	Table Tops	33
	8:00 AM	11:59 PM	Exhibit	Navarro Pre-Function	Table Tops	22 10
	11:30 AM	1:00 PM	Lunch - AERF	Lantana ~ Lobby Level	Rounds	30
	11:30 AM	1:00 PM	Lunch -STUDENT	El Rincon de Maria ~ Lobby Level	Rounds	30
	5:30 PM	7:00 PM	Reception	Navarro BA ~ Ballroom Level	Rounds	225
Tue, 7/16/2013	6:30 AM	8:00 AM	Breakfast	El Rincon de Maria ~ Lobby Level	Rounds	20
	7:30 AM	11:59 PM	Board Meeting	Encino-Villa	Hollow Square	25
	8:00 AM	5:00 PM	Speaker Ready Room	VillaLa Babia ~ Ballroom Level	Rounds	5
	8:00 AM	5:00 PM	General Session	Navarro B ~ Ballroom Level	Theater Style	200
	8:00 AM	5:00 PM	Registration	Navarro Pre-Function	Registration	

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	8:00 AM	11:59 PM	Exhibit	Navarro Pre-Function	Table Tops	22
	8:00 AM	11:59 PM	Office	Zapata ~ Ballroom Level		5
	8:00 AM	11:59 PM	Exhibit/Posters	Navarro A ~ Ballroom Level	Table Tops	33
	11:30 AM	1:00 PM	Lunch –PAST PRESIDENTS	El Rincon de Maria ~ Lobby Level	Rounds	15
	7:00 PM	10:00 PM	Dinner	Hidalgo ~ Baliroom Level	Rounds	240
	67:00 PM	7 <del>1</del> 0:00 PM	Reception	Navarro Pre-Function	Rounds	
Wed, 7/17/2013	8:00 AM	12:00 PM	Registration	Navarro Pre-Function	Registration	
	8:00 AM	1:00 PM	Exhibit/Posters	Navarro A ~ Ballroom Level	Table Tops	33
	8:00 AM	1:00 PM	Exhibit	Navarro Pre-Function	Table Tops	221 0
	8:00 AM	1:00 PM	Speaker Ready Room	Villa ~ Ballroom Level	Rounds	5
······································	8:00 AM	1:00 PM	General Session	Navarro B ~ Ballroom Level	Theater Style	200
·····	8:00 AM	5:00 PM	Office	Zapata ~ Ballroom Level		5
	12:00 PM	4:00 PM	Board Meeting	Camino Real ~ Lobby Level	Hollow Square	25

Final Program: Group agrees to provide its final program to Hotel no later than 14 days prior to Saturday, July 13, 2013. In the event that a final program is not submitted by this date, Group agrees that Hotel may at its option release all or part of space held for Group.

#### Group Deposit Schedule:

- First deposit of \$5,000 is due by March 13, 2012.
- Second deposit of \$8,000 is due July 13, 2012.

The remaining estimated amount is due by June 13, 2013, unless Group has direct billing privileges with Hotel.

<u>Payment</u>: Unless direct billing has been established, Group will pay the estimated amount of the Master Account as shown on the deposit schedule. Group will advise Hotel of its expected method of payment of the Master Account at least 60 days in advance of July 13, 2013. If Group will pay using a credit card honored by Hotel, a valid credit card must be provided to Hotel no later than June 20, 2013, and all Master Account charges will be charged to such credit card at departure. Any amounts not paid at departure will accrue interest at 1½% per month from the date of departure. Upon application and review by Hotel, Hotel may elect to extend direct billing privileges to Group.

Direct Billing: Upon application and review by Hotel, Hotel may elect to extend direct billing privileges to Customer. If direct billing has been established, payment of all undisputed amounts is due within 30 days of Customer's receipt of invoice from Hotel, and if not paid within 30 days will accrue interest at 1 ½ % per month. Customer must notify Hotel of any disputes within 5 business days of Group's receipt of invoice from Hotel or disputes will not be considered. If Hotel determines after establishing direct billing that Customer's credit status has changed negatively, Hotel may require immediate full prepayment of the estimated master account charges.

<u>Credit Card Billing:</u> Subject to the terms and conditions of this agreement, Hotel will accept credit card payments for all transactions. Hotel shall honor without discrimination valid cards properly tendered for use. For purposes of this contract, "Card" means a credit card issued pursuant to the rules and regulations (the "Rules") of American Express, Diners Club International, Discover Card, JCB, MasterCard, VISA or any "Card" for which Hotel provides Card processing. <u>Concessions</u>:

	ving concessions if at least 85% of the Minimum Guest Room Revenue is received, and at least d & Beverage Revenue is received.		
Complimentary Rooms	1 complimentary room for every 40 guest rooms (on a cumulative basis) occupied by Group		
Meeting Space	Complimentary Meeting and Exhibit Space		
Exhibit Tabletop fee	Onetime \$35.00 charge per table top fee		
Upgrades	One (1), one bedroom Luxury Suite at the Group rate		
	Five (5) upgrades to Studio Sultes at the Group rate		
uning <del>an anna anna agus anna anna an</del> na anna anna anna anna an	One (1), one bedroom Hospitality Suite at the Group rate		

Complimentary space	Complimentary Board Meeting space for 15, for a weekend in January 2013, based on availability	
Valet	6 complimentary valet parking passes	
Internet	Complimentary basic Internet in all guest rooms and at Navarro Pre-function registration desk	
AV	15% off AV equipment rental	
Food & Beverage	10% off 2013 F&B Menu pricing	
Amenities	7 VIP in-room amenities, chef's choice, value of \$50 each	
Food & Beverage Prices	Lock in at prices at time of contract signing	

<u>Starwood Preferred Planner Provisions – SPP Points:</u> Starwood Preferred Planner points, awarded through the Starwood Preferred Guest program, are available for business contracted through the sales and catering departments of participating Starwood hotels. Group acknowledges that such points have been offered in connection with the rooms and services purchased under this Agreement, and that Group consents to the awarding of the points listed below. Once full payment is received by Hotel for the rooms and services purchased under this Agreement, points will be awarded in equal amounts to the following Individuals (who must be members of the Starwood Preferred Planner and Starwood Preferred Guest program In good standing, and employed by Group or Agent when the points are awarded) according to the Starwood Preferred Planner Program Rules. Points may be awarded to a maximum of three recipients, and may be cancelled if it is determined that any recipient was not authorized by group to receive, incorrectly received, or was ineligible to receive, the awarded points.

Membel	Name	Starwood Preferred Guest Membership Number
1.William Torres	•	42662121422
2.		
3.		

<u>Use of Event and Function Space</u>: To protect the safety and security of all Hotel guests and property, Group will obtain Hotel's advance written approval before using items in event and function space that could create noise, noxious odors or hazardous effects (*e.g.*, loud music, smoke or fog machines, dry ice, confetti cannons, candles, or incense) and before engaging in any activities outside of the reserved function rooms (*e.g.*, registration table). Group will obtain any required Fire Marshall or other safety approvals, and will pay any expenses incurred by Hotel as a result of such activity, such as resetting smoke or fire alarms or unusual clean up costs.

<u>Security</u>: Hotel does not provide security in the event and function space and all personal property left in the event or function space is at the sole risk of the owner. Group will advise its attendees that they are responsible for safekeeping of their personal property. Hotel may reasonably require Group to retain security personnel in order to safeguard guests or property in Hotel. Security personnel are not authorized to carry firearms without advance Hotel approval.

<u>Ancillary Services</u>: Hotel may provide, or contract with third parties to provide, ancillary services (e.g., A/V, drayage, florists, exhibitors) to Group for additional charges. Group may use its own vendors for such services provided that Group's proposed vendors meet minimum standards established by Hotel, including insurance and indemnification requirements. With respect to audiovisual services, Group will inform Hotel of its decision to bring its own vendor at least 60 days prior to Saturday, July 13, 2013, and will sign, and have its audiovisual vendor sign, an acknowledgement of Hotel's Audiovisual Service Standards at least 45 days prior to Saturday, July 13, 2013.

<u>Relocation</u>: If any guest room reservation cannot be accommodated by Hotel, Hotel will provide: (1) accommodations at a comparable Hotel reasonably nearby at no charge for the first night; (2) one complimentary round trip ground transportation between Hotel and the alternate hotel for each day the guest is displaced; (3) one 5 minute phone call and necessary arrangements for forwarding of the displaced guest's telephone messages and mail; (4) an offer to relocate the displaced guest back to the first available guest room; (5) upgraded accommodations at Hotel upon return (if available) and a welcome expression from the General Manager; and (6) credit to Room Block for any nights that guests are displaced.

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**Disclosure:** Group will be responsible for determining to whom it needs to disclose any terms of this Agreement, including any commission or rebate that it may receive. Group will disclose to all Group attendees the type and amount of all automatic and mandatory charges that will be charged to them by Hotel.

Laws and Policies: Each party will comply with all applicable federal, state and local laws (including the Americans with Disabilities Act) and Hotel rules and policies. Group will be responsible for providing its disabled members with auxiliary aids in connection with any Group events or activities. Upon Group's reasonable request, Hotel will cooperate with Group to provide services on behalf of Group's disabled attendees.

<u>Privacy</u>: Group will obtain all necessary rights and permissions prior to providing any personally identifiable information ("PII") to Hotel, including all rights and permissions required for Hotel, Starwood Hotels & Resorts Worldwide, Inc. ("Starwood"), Starwood affiliates, and service providers to use and transfer the PII to locations both within and outside the point of collection (including the United States) in accordance with Starwood's privacy statement (<u>www.starwoodhotels.com/corporate/privacy\_policy.html</u>) and applicable law.

**Confidential Information:** Group and Hotel will each take reasonable steps to keep all confidential information provided by the other party confidential and to indentify information as confidential when shared. Confidential information will not include: (1) information that is publicly available; (2) PII, which will be handled by the parties in accordance with the "Privacy" provision above; or (3) information that is left or discarded in event rooms, public space or guest rooms.

Insurance: Each party will maintain insurance sufficient to cover any claims or liabilities which may reasonably arise out of or relate to its obligations under this Agreement and will provide evidence of such insurance upon request.

<u>Indemnification</u>: Each party will indemnify, defend and hold the other harmless from any loss, liability, costs or damages arising from actual or threatened claims resulting from its breach of this Agreement or the negligence, gross negligence or intentional misconduct of such party or its officers, directors, employees, agents, contractors, members or participants when acting within the scope of their employment or agency. Neither party will be liable for punitive damages.

**Dispute Resolution:** The parties will resolve any claim or dispute arising out of or relating to this Agreement through binding arbitration before one arbitrator conducted under the rules of the American Arbitration Association or JAMS in the state and city in which Hotel is located. The law of the state in which Hotel is located will be the governing law. The arbitration award will be enforceable in any state or federal court. In any arbitration or litigation arising out of or relating to this Agreement or the enforcement of any arbitration award, the prevailing party will recover attorneys' fees and costs including expert witness and arbitration fees and pre- and post-judgment interest. Each party will be responsible for attorneys' fees and interest associated with the other party's efforts to collect monies owed under this Agreement.

Force Majeure: If acts of God or government authorities, natural disasters, or other emergencies beyond a party's reasonable control make it illegal or impossible for such party to perform its obligations under this Agreement, such party may terminate this Agreement upon written notice to the other party without liability.

**Construction:** Hotel will promptly notify Group of any construction or remodeling to be performed in Hotel over the Event Dates other than routine maintenance and Hotel will use all commercially reasonable efforts to insure that any such occurrence will not materially interfere with Group's use of Hotel. Should construction or remodeling be mutually determined by Group and Hotel to materially interfere with Group's event, Group will have the right to terminate this Agreement without liability with written notice to Hotel as long as such notice is given within 30 days of Group's receipt of notice of such construction or remodeling.

Emergency Plan: Hotel has an emergency and crisis management plan that addresses how to prepare for and react to events such as fires, communicable disease outbreaks, terrorist incidents, natural disasters and other extraordinary situations. This plan is based in large part upon Starwood's proprietary corporate-level plan, which was prepared with the assistance of outside consultants, and is regularly reviewed and adapted to address this Hotel's particular circumstances. Group may view the table of contents of Hotel's plan at Hotel premises, but may not copy or keep any part of the plan in order to protect Hotel's proprietary information.

<u>Headquarter Hotel Status</u>: Hotel will be designated as the official headquarters hotel for Group in any and all convention materials, publications and other collateral. If Hotel is not designated as the headquarters hotel as described above, then Hotel may reduce the Room Block and/or event space commitments in this Agreement.

<u>Smoke Free Policy</u>: Hotel is a smoke free hotel. Restaurants on property that are not operated by Hotel may not participate in the smoke free policy. To protect the smoke free environment, Hotel will post a \$200 cleaning fee to the

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account of any guests who smoke in their guest room. To ensure the cooperation and comfort of Group's attendees, Group agrees to advise its attendees of the smoke free policy in writing.

Notice: Any notice required or permitted by the terms of this Agreement must be in writing.

Assignment: Group may not assign or delegate its rights or duties under this Agreement without Hotel's prior approval.

Severability: If any provision of this Agreement is held to be invalid or unenforceable that provision will be eliminated or limited to the minimum extent possible, and the remainder of the Agreement will have full force and effect.

<u>Waiver</u>: If either party agrees to waive its right to enforce any term of this Agreement, it does not waive its right to enforce any other terms of this Agreement.

This Agreement constitutes the entire agreement between the parties, supersedes all other written and oral agreements between the parties concerning its subject matter, and may not be amended except by a writing signed by Hotel and Group.

#### ACCEPTED AND AGREED TO:

Date

Aquatic Plant Management Society

Βv Mr. Tyler Koschnick, President Date Florida Event Planning & Meeting Service By Mr. Bill Torr Meeti Planner

2011

Silver Rio Limited Partnership d/b/a Westin Riverwalk Hotel

Bν

Yuliya/Zholu,/Senior Sales Manager on behalf of Ms. /Tracy Jacaman-Ligarde, CMP, Director of Group Sales

Date



**StarGroups** is a simple, easy to use personalized website service available to you free of charge from Starwood Hotels & Resorts Worldwide. Your attendees book directly into the block, receive instant confirmations and you have access to real time block reporting 24x7.

In order to assist us to get your site up and running as quickly as possible, please complete the following:

#### Event Name

Please specify what name you would like to appear at the top of the website

APMS - Aquatic Plant Management Society

Event Venue

Please specify where the meeting / event will be held.

Westin-San Antonio, Texas

Event Dates

Please specify the event start / end dates

July 13, 2013 through July 18, 2013

#### Event Description (1000 chars)

Please specify what description you would like to display.

#### Event Links (up to 6)

Please specify what hyperlinks you would like. Must be in the http://www.format

www.apms.org

#### Event Contact(s) (up to 3)

Please Specify what name(s)' you would like to appear at the top of the website. You may include the following: Name, Telephone Number, Fax Number, Address, E-Mall Address, Title

Event Image (Optional)

An event logo AND company logo (1 each) can be placed on the front page. Please send a copy with this form in either jpag or gif format.

PDF File (Optional)

A PDF file can be attached to your websites front page. You may want include a schedule or map. Please send a copy of the PDF with this form. If it is not in PDF format, we can do that for you

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#### Audiovisual Service Standard Acknowledgements

I, the undersigned, agree on behalf of Group to comply with the Audiovisual Service Standards provided by Hotel, and acknowledge that if Audio Visual Services Group, Inc. d/b/a Presentation Services ("PSAV") is not used to provide audiovisual services for Group's event, the charges listed in the standards will be billed to:

Please check applicable option:

Master Account

Third Party A/V Supplier

AQUATIC PLANT MANAGEMENT SOCIETY

Ву	BED
Date	161.11

I, the undersigned, agree on behalf of \_\_\_\_\_\_ ("Third Party A/V Supplier"), to comply with the Audiovisual Service Standards provided by Hotel in providing services on behalf of AQUATIC PLANT MANAGEMENT SOCIETY. I further agree that Third Party A/V Supplier will indemnify, defend and hold Hotel and its affiliates harmless from any loss, liability, costs or damages arising from actual or threatened claims resulting from Third Party A/V Supplier's provision of services.

On behalf of Third Party AV Supplier, I will provide Hotel a Certificate of Comprehensive General Liability, Insurance, including Contractual Liability, Products and Completed Operations and Automobile Liability to Hotel, evidencing minimum limits of \$3,000,000 combined single limit and will name Hotel and its ownership as additional insureds. I will also provide Hotel with a Certificate of Insurance evidencing Third Party A/V Supplier's Worker's Compensation and Employees Liability coverage in effect for its employees.

(Name of Third Party A/V Supplier)

By \_\_\_\_\_

Date \_\_\_\_\_

#### STARWOOD AUDIO-VISUAL SERVICE STANDARDS FOR GROUPS USING THIRD-PARTY SUPPLIER

Outlined below are Hotel's Audio-Visual's Service Standards applicable to third-party audiovisual suppliers ("Third-Party Supplier"). This document allows us to make sure that Group's Third-Party Supplier has full copies of all Hotel Audio Visual Service Standards, Regulations and Costs prior to the planning process. Group and its Third-Party Supplier will need to sign its acknowledgement of these requirements at minimum forty-five (45) days prior to Group's event. Please know that all of these standards which are focused strictly on customer service, protection of property and our guests must be adhered to by PSAV and any Third-Party Supplier working within the Hotel.

- 1. All Third-Party Suppliers planning to do audio-visual work within our facility must contact Presentation Services (210-444-6051) and the Sales, Catering and/or Convention Service Manager at minimum sixty (60) days prior to the event load in. Presentation Services will review the mandatory Hotel audio-visual Service Standards and assist the Third-Party Supplier in assuring the event is a success.
  - 2. When Third-Party Suppliers are utilizing one section of the Navarro Ballroom or fifty percent of the meeting space, an onsite Presentation Services professional must be present at all times. This ensures not only that the audio-visual Service Standards are in place but provides instant access to a Hotel representative who can supply needed help or equipment to the Third-Party Supplier. A service charge of \$500.00 per day per 10 hour day and \$75/hour thereafter will be assessed. This charge can be billed directly to the Third-Party Supplier or to the Master Account (if approved by Group).
  - 3. All Third-Party Suppliers planning to do audio-visual work within the Hotel's facility and/or grounds must place on file with the Hotel (forty-five (45) days prior to load-in) a certificate of insurance showing a minimum coverage of \$3,000,000.00. This certificate must name the facility and its ownership as additional insured under the same policy. Such insurance shall be primary and not contributory with the Hotel or ownership insurance.
  - 4. All Third-Party Suppliers planning to do audio-visual work within the Hotel's facility and/or grounds must sign the attached Acknowledgment of Acceptance of the Audio-Visual Service Standards and the Hold Harmless Agreement in order to protect the Hotel against claims or damages caused as a result of their work performed at the Hotel's facility and/or groups. (See the attachment entitled "Hold Harmless Agreement")
- 5. All Third-Party Suppliers planning to do audio-visual work within the Hotel's facility and/or groups must assume complete responsibility for equipment loss or theft. The Hotel accepts no responsibility for Third-Party Suppliers' lost or stolen property.
- 6. All Third-Party Suppliers planning to do audio-visual work within the hotel facility and/or grounds must properly dress (drape) all screens, carts and stands.
- 7. To maintain the integrity of the Hotel's in-house audio system, Third-Party Suppliers are not permitted to patch into this system unless approved by the Presentation Services professional assigned to the Third-Party Supplier. Patch fees will be assessed per the Hotel pricing guide. The Presentation Services Professional assigned to the Third-Party Supplier will assess and monitor the patch and where damage to the Hotel's system may occur the Presentations Services professional may elect to disconnect such patch until a safe connection and equipment are used.
- 8. Storage space for outside audio-visual suppliers will be the sole responsibility of the Third-Party Supplier. The Hotel will make every effort to secure space once notification is given, but is under no obligation to provide such space. If meeting/banquet space is required, all applicable rental charges will apply due to the loss or displacement of future business opportunities.

Space being "held" and/or reserved for the Group's meetings must be utilized for meetings or offices. It may not be utilized as storage for Third-Party Suppliers.

- 9. The Hotel reserves the right to collect an additional deposit for any possible damage to the facility. Any charges incurred while on property will be deducted from this deposit. The Third-Party Supplier is completely responsible for leaving the hotel in the condition it was given to them. This includes disposal of all trash, props, cardboard, plastic, etc. if a dumpster is required, it needs to be dropped off and picked up on the same day and the hotel must be advised 24 - 48 hours prior to drop-off. Cleaning fees will be assessed should floor, wall or ceiling marks require more than standard cleaning.
- 10. All additional electricity requirements to operate the Third-Party Supplier's equipment must be ordered no later than fourteen (14) days prior to the event. Electrical and/or plumbing charges will be billed by the hotel to the client or group at the prevailing rates. For exact electrical fees, please review the hotel's forms for these services.
- 11. To preserve the integrity of the staging area, flooring, walls and ceiling, it is strictly prohibited to nail, screw, or tape anything to these areas. When hanging equipment from ceilings or walls, it is mandatory that a Certified Rigger be hired and utilized by

the Third-Party Supplier. The Hotel has an exclusive agreement with Presentation Services, Contact Information can be obtained from your Catering/Convention Services Manager or through Presentation Services.

- 12. All Third-Party Suppliers should ensure that their associates are properly dressed so as to not offend Hotel guests or Hotel associates. If there are any associates who do not meet these requirements the Hotel will ask the Third-Party Supplier to correct the issue.
- 13. No equipment or cases shall remain in the "back of the house" areas at any time. Any empty cases are to be removed from the Hotel's facilities and/or grounds and brought back for load-out.
- 14. The Hotel reserves the right to refuse or deny property access to any Third-Party Supplier If the above requirements are not met.
- 15. All audio-visual agreements outlined in the Hotel Sales Contract will be extended only if Presentation Services or Audio-Visual Headquarters (AVHQ) is the primary audio-visual provider for Group's event. If Presentation Services or AVHQ are not selected by Group as the primary audio-visual provider, all such agreements with respect to audiovisual will not apply to your Group's event.

#### Audiovisual Service Standards

I, the undersigned, have received a copy of the Audiovisual Service Standards for outside Audiovisual Service Suppliers. I have read and understand the information contained within. I acknowledge that if Presentation Services is not used as the supplier of our audiovisual services, the charges listed in this Audiovisual Service Standards may be billed to: Please check one: My Master Bill My Third-Party AV Supplier/ ("Contractor")

Client-Signature

11.1.11

Date

13

**To:** APMS Board of Directors From: Linda Nelson, Chair Subject: Nominating Committee Report Committee Members: Tyler Koschnick, Mike Netherland, Jeff Schardt, Linda Nelson

At the next Annual Business Meeting, the membership will vote on nominees for the following vacancies on the Board of Directors: Director (2 positions) and Vice President. Board members completing their terms and vacating these positions include: Cody Gray (Director), John Gardner (Director) and Linda Nelson (Immediate Past President).

In an effort to round out the Board such that we are more evenly represented on a regional basis (all regional chapters represented), the Nominating Committee would like to present the following candidates as nominees:

Cody Gray – Vice President. Dr. Cody Gray, is an Aquatics Specialist for United Phosphorus, Inc. As you are aware, Cody is currently serving on the APMS Board of Directors and is the APMS representative on the Weed Science Society of America Board of Directors. He has also been active on the Western APMS Board. Cody has been a member of APMS since 2006.

Michael Masser – Director. Dr. Michael Masser is a Professor and Extension Specialist at Texas A&M University. His expertise is aquaculture and aquatic plant management. He has been an active member of the APMS since 2001. He is a past president of the Texas Aquatic Plant Management Society.

I am waiting to hear from a potential candidate from the Northeast region to serve as the nominee for the other Director position. My goal is to have confirmation from a final candidate by the Mid-winter Board meeting.

The above mentioned candidates have agreed to be nominated for the respective vacant Board positions, subject to Board approval. Jeff Schardt, APMS Secretary, has verified that these nominees meet the active membership qualifications (dues paid for 3 consecutive years) as outlined in the APMS Bylaws.

**BOARD ACTION REQUIRED:** The Committee requests that the Board review and approve the slate of candidates for the positions of Director (2 positions) and Vice President. If approved, biographies of these candidates will be posted in the APMS newsletter 30 days prior the July Annual Business Meeting in accordance with the Bylaws.

I attended the Past President's Luncheon in Baltimore and listened to the discussion lead by Greg MacDonald. A summary of the comments, opinions, and suggestions that were made by past presidents is provided below. Some of these comments may be useful for our Strategic Planning Session in Salt Lake City.

1. Ken Manuel: The APMS should prepare for a decline in membership due to the economy; many folks may decide to minimize their memberships in professional societies. How does APMS plan to maintain their current membership? Bob Blackburn added that the APMS used to have a strong membership from the mosquito control industry; we are losing these members.

2. Lars Anderson: APMS may want to consider expanding the Society to include "all" invasive species rather than just aquatic plants. Consider holding a <sup>1</sup>/<sub>2</sub> day session at the Salt Lake City meeting on zebra and quagga mussels and New Zealand mudsnails; these species have similar vectors as aquatic plants.

3. Richard Hinterman: The Board should prepare for declining sponsorship. A possible solution may be to hold our meeting at a different time of year or overlap with some of the Regional Chapter conferences. Richard also suggested that we "cut the free booze" at the meetings; this would save the Society a lot of money.

4. Jeff Schardt commented on funding issues and the recent announcement by AERF regarding their future plan to cut their contribution to the APMS. Jeff recommended that the Board continue to request AERF support for student activities at our annual meeting.

5. David Tarver suggested that we review the purpose/direction of the Society and clearly identify where we are spending our dollars. We need a strong strategic plan as well as an implementation plan.

I sent an E-mail to all of the APMS Past Presidents prior the mid-winter meeting; extending them an opportunity to comment or make additional suggestions for consideration by the Board. I received two responses as of the date of this report. I'll compile the responses in a handout for the Board meeting.

In the coming months, I will coordinate the 2012 Past President's Luncheon (menu, number of attendees, location, invitation, agenda, etc.) with the Meeting Planning Committee and Bill Torres. A possible topic for presentation and discussion at the next luncheon could be a summary of our 2012 Strategic Planning Session. While in Baltimore, one of the past presidents (can't remember who) asked me about the current composition of the APMS membership; I will prepare some stats on that topic as well as a discussion item. If the Board has any other issues that need to be addressed at this luncheon, please let me know and I'll add them to the agenda. I am also in the process of reviewing the Ops Manual; another duty delegated to this Committee.

#### **REPORT OF THE PROGRAM COMMITTEE**

Terry Goldsby, Chairman Mid-Year APMS Board Meeting – Salt Lake City, UT January 28, 2012

#### To the Board:

As of January 13<sup>th</sup>, 2012, no titles or abstracts had been received for consideration, although a number of verbal commitments are in my files. Although the upcoming 2012 meeting and site were beautifully described in our October 2011 newsletter, I failed to place a "FIRST CALL FOR PAPERS" in the same. I have asked Chetta to immediately send out a "FIRST CALL" email. By the time of this board meeting, this will have been accomplished. We will use a number of suggested databases for this "email blast" (and others if necessary), including Karen Brown's at UF. I have also provided Chetta with a "SECOND CALL FOR PAPERS" form (to be included in the March newsletter) and a "FINAL CALL" form for later use. As usual, I would expect presentation commitments to begin to increase after the mass solicitation and continue through the "FINAL CALL FOR PAPERS".

In discussions with Tyler, Lars, Cody, and others, we have ideas on a few potential themes that may guide us toward 1<sup>st</sup> session topics and guest speaker selections/requests. I would like to take a few minutes to discuss themes and get board input and consensus. Suggestions are encouraged. Following are theme ideas so far:

- 1) Climate Change and Aquatic Plant Management (invite speakers on climate change models)
- 2) Protecting Aquatic Ecosystem Services (possibly with western emphasis)
- 3) 21<sup>st</sup> Century Aquatic Plant Management: Navigating Regulatory Rivers (sessions on NPDES, ESA, "organic production" (food, irrigation water, etc.), applicator protection, etc.
- 4) Irrigated Agriculture Challenges and Opportunities
- 5) Weed Wars in the West

We should have discussion of field trip options (I will gather and distribute info at meeting):

- 1) Great Salt Lake
- 2) USDA ARS Weed Lab (rangeland/toxic plant lab)
- 3) Snowbird Ski Resort http://www.snowbird.com/events/summeractivities.html
- 4) Kennecott Copper Mine <u>http://www.visitutah.org/kennecott-copper-mine.html</u> (there may be a herbicide distributor that wishes to become "basic" in copper)
- 5) Historical Salt Lake City Capitol Building
- 6) Mormon Facilities/Tabernacle Choir

Beginning in early February, we plan to move quickly – finalizing agenda and program items and "plugging" into Jeff's revised template from previous year(s). We will lean heavily on our Western members (Lars, Cody, etc.) and solicit their help in securing a Keynote speaker and regional speakers for presentations on riparian issues, irrigation, Idaho milfoil campaign, new western invasive species, etc.

This concludes the Program Committee report.

Terry Goldsby

## **APMS Regional Chapters Committee Report**

#### Michael Netherland

## Jan 2012 - BOD Meeting, Salt Lake City, UT

1. During the July 2011 APMS BOD meeting, the potential addition of the South Florida APMS as a Regional Chapter was discussed. Vernon Vandiver presented the case to the FAPMS BOD, and following some contentious discussion, a motion was made to agree to SFAPMS becoming a Regional Chapter of the APMS. The subsequent vote ended in a "tie" and therefore no recommendation is forthcoming from the FAPMS BOD. I discussed this issue with President Renney on Jan 13th and informed him that APMS would like a yes or no decision. For some background, the SFAPMS has been in existence since 1996 and many of the members are also members of FAPMS. I pulled the following language from the APMS OPS manual:

**Evaluate requests by regional chapters for recognized affiliation** with the APMS according to the following criteria and make recommendations to the Board concerning such requests.

a. No other APMS-recognized regional chapter is currently in a position to serve the APMS mission in the geographic area covered by the proposed new chapter.

b. The mission statement, ideals, and goals of the proposed new chapter must be compatible with those of the APMS.

c. The proposed new chapter must establish governing bylaws.

d. The proposed new chapter must request official recognition via the APMS Regional Chapters Committee; and upon the committee's recommendation, the subject of the request must be approved by the APMS Board of Directors.

e. In cases where conflict of interest between a proposed new chapter and an existing chapter(s) arises, the APMS Board of Directors will adjudicate based upon petitions of the opposing chapters.

To my knowledge, the Regional Chapter Committee has not received a formal request by the SFAPMS. It would seem that we need a request from the SFAPMS and then the FAPMS can make their decision during the next quarterly BOD meeting. If FAPMS has no issues, then the APMS BOD can vote to accept or deny membership to the SFAPMS. If FAPMS does not agree, then the APMS BOD is supposed to "Adjudicate".

2. Thank you to President Koschnick for saving relevant files related to the APMS student Scholarship. Letters have been prepared to solicit the Regional Chapters

to support the APMS student scholarship. We will ask each Chapter to provide \$2000.00 per year. If all of the Chapters participate, this would raise \$14K of the annual 20K required to administer the Scholarship.

3. I sent requests to Regional Chapter Presidents asking if they had anything of interest for the APMS BOD Meeting.

#### NEAPMS response:

o We are about to have our 13th annual meeting in NH

Our membership has continued to increase each year and this year's conference attendance appears to be getting close to one of our biggest turnouts yet. We expect to see about 150 people.

o Next year we'll be taking our meeting to southern Connecticut to the Water's Edge Resort in Westbrook. Conference dates are January 22-24, 2013

#### South Carolina response:

SCAPMS anticipates playing a pivotal role in coping with the new NPDES permits in our area. This will include workshops, sessions at our annual meeting, etc. We also look forward to where regional chapters fit into APMS strategic planning.

#### Midwest APMS:

Please include in your report the fact that the MAPMS Board has increased the Graduate Student Research Grant to \$5,000 annually (up from \$2,000). This is a significant increase and is the largest research grant offered by any of the APMS chapters. Our goal with this increase in grant amount is to attract, to the MAPMS, high caliber research proposals from graduate students from the Midwest region and around the country.

#### Florida APMS:

Just to follow up on our telephone conversation, the FAPMS Board did discuss the issue of SFAMPS becoming a chapter of APMS. At our 1st quarter meeting a motion was made to approve of the addition. After a second and 30 minutes of discussion the vote came down as a tie with one abstention. Therefore no decision was made. None of us were aware that the APMS by-laws required our agreement. I will put this item on the agenda for our next meeting and hopefully share the line item language from the APMS by-laws with our board. That factor may be all it takes to bring the issue to its finality.

4. The committee will work with Mr. Torres to plan the Regional Chapter Breakfast. The committee chair will solicit an appropriate Regional Chapter Member to provide an update during the Annual Business Meeting.

Sincerely,

Michael D. Netherland

## The Aquatic Plant Management Society, Inc.

## STRATEGIC PLAN

2009

**APMS Committee for Strategic Planning** 

The Aquatic Plant Management Society, Inc. P.O. Box 821265 Vicksburg, MS 39182-2165

## AQUATIC PLANT MANAGEMENT SOCIETY STRATEGIC PLAN - 2009

This document contains the results of the strategic planning process conducted by the Aquatic Plant Management Society (APMS) on January 23-24, 2009. Strategic Planning is a disciplined and concerted effort to produce decisions and actions that guide and shape what the Aquatic Plant Management Society (APMS) is, what it does, and why it does it. Strategic planning is also a way of looking to the future and deciding what the APMS will do. As a result of strategic planning, the APMS should have a clearer idea of where it is going, how it will get there, as well as opportunities and challenges that it faces. This Strategic Plan should be viewed as a "living document" that changes and evolves with time and circumstances. The Strategic Planning process should be revisited periodically (about every three years). Strategic Goals were identified during this planning process and are appended to this report. Progress toward accomplishing the Strategic Goals established through the Strategic Planning Process and the Strategic Plan should be monitored by the APMS Board of Directors (BOD) on a regular basis.

### The Strategic Planning Process and Activities

Members of APMS (predominantly the APMS Board of Directors) met prior to the winter Board Meeting in Milwaukee, Wisconsin on January 23-24, 2009. Attending were Carleton Layne, Greg MacDonald, Linda Nelson, Sherry Whitaker, Michael Netherland, Alan "Bo" Burns, Terry Goldsby, Brad Howell, Tyler Koschnick, Chetta Owens, Susan Wilde, Josh Chesier, Jim Schmidt, and John Rodgers. Since an extensive strategic planning exercise had been conducted in 2005-2006, the 2009 activity was largely intended to update the previous Strategic Plan. To organize this strategic planning exercise, the following agenda was utilized: 1) Introductions and Background, 2) New Critical Issues and Opportunities, 3) Development of Strategic Goals, and 4) Reporting and Evaluation. With the current financial recession, the group initially discussed current unique circumstances permeating decision making in professions served by APMS and the need for caution and responses to imminent changes. In the discussion, several participants emphasized the need to preserve the APMS core values during these challenging and uncertain financial times. Many of the Strategic Goals that emerged from this planning centered on maintaining core values and ensuring a sound fiscal future for the Society. Other goals related to opportunities identified that could and should be achieved.

## **APMS Strategic Plan Objectives and Action Items**

A high priority identified during this strategic planning exercise was ensuring the financial sustainability of the APMS. Approaches that were suggested for accomplishing the financial sustainability of the APMS included conservative and judicious management of financial resources and diversifying our revenue stream. Supporting the core values of education and outreach were also identified as important goals for APMS. Opportunities were identified to follow up on current activities and promote effective new approaches (e.g. web site enhancements). Membership and member services were also a high priority. A special effort to recruit and retain dedicated students was recognized as a priority. While recognizing their unique and special character, enhanced interactions and communications with Regional Chapters were also recommended. Communication is an important activity of the APMS and the annual meeting is a crucial contributor toward successful communication. Specific goals and objectives are presented below.

1. Ensure financial sustainability of APMS by containing costs and monitoring revenue streams. These unprecedented financial times require special vigilance and communication of the value of APMS membership and participation.

2. Encourage and support scientific research and assist in promoting the control and management of aquatic plants through scientifically sound procedures. Strategic allocation of scholarships and other promotional scientific resources could be advantageous at this time.

3. Enhance interactions and communications with Regional Chapters while recognizing and preserving their unique regional character. Regional Chapters have much to offer to APMS in terms of science and management approaches. Conversely, APMS can offer Regional Chapters a look at the "bigger picture" and ideas from outside the "neighborhood."

4. Cooperate with other societies and organizations with similar and related interests.

5. Focus on the annual meeting and development of protocols or SOPs that can help to ensure its scientific quality and financial success. Extension of the concept of prescriptive SOPs to other activities and committees of APMS would likely be beneficial.

Recognition of potential impacts of the current financial situation (intense recession) on the Society and professions served by APMS, permeated much of the discussion. Thus the "heart" of the strategic planning that ensued centered on forestalling potential adverse effects of economic downturn and seizing opportunities to make progress during these exceptional times. Other discussion involved the journal and electronic opportunities as well as the web site. These are crucial communication tools and should be carefully managed.

At the end of several productive and challenging hours, we arrived at the strategic plan and goals presented here. Important in this strategic planning was to discern what needed to be done, devise an implementation strategy, and to develop a mechanism to check on progress. We agreed to draft this strategic plan for review, review/modify the strategic plan as needed, approve (adopt) the revised plan, and monitor progress periodically.

# APMS STRATEGIC PLAN (2009 – 2012)

STRATEGIC	RESPONSIBLE	MONITORING	NOTES
GOALS	ENTITY OR	PROGRESS	
COMES	COMMITTEES		
1. CONTINUE	APMS BOD		
STUDENT SUPPORT	FINANCE		
	COMMITTEE		
	SCHOLASTIC		
	ENDOWMENT		
	COMMITTEE		
	STUDENT		
	AFFAIRS		
	COMMITTEE		
2. ENSURE	APMS BOD		
FINANCIAL	FINANCE		
STABILITY	COMMITTEE		
3.	APMS BOD		
<b>CONTAIN/REDUCE</b>	MEETING		
ANNUAL MEETING	PLANNING COMMITTEE		
COSTS	PROGRAM		
	COMMITTEE		
	FINANCE		
	COMMITTEE		
4. CONTINUE APMS	APMS BOD		
RESEARCH	SCHOLASTIC		
GRANTS	ENDOWMENT		
	COMMITTEE		
	REGIONAL		
	CHAPTERS		
	COMMITTEE		
<b>5. PROMOTE APMS</b>	EDUCATION &		
WEBSITE	OUTREACH		
	COMMITTEE		
	WEBSITE COMMITTEE		

6. ENGAGE AND INVITE POLICY AND REGULATORY REPRESENTATIVES	APMS BOD MEETING PLANNING COMMITTEE LEGISLATIVE COMMITTEE PROGRAM COMMITTEE	
7. ENCOURAGE COMMUNICATION AND EXCHANGE (EDITORIALS, SEMINARS, ETC.)	APMS BOD EDUCATION & OUTREACH COMMITTEE PROGRAM COMMITTEE	
8. CONTINUE ONGOING EDUCATION & OUTREACH ACTIVITIES	APMS BOD EDUCATION & OUTREACH COMMITTEE	

## STUDENT AFFAIRS COMMITTEE REPORT

#### January 13, 2012

## **Student Affairs Committee**

Rebecca Haynie, Committee Chair Christopher Mudge Joe Vassios Mark Lewandowski

#### Student Paper Contest

The 2011 51<sup>st</sup> Annual meeting in Baltimore, Maryland was very well attended by students. There were 16 student presenters (5 posters, 11 oral presentations) from 9 different Universities. All students gave excellent presentations and each received complimentary registration, accommodations, and a textbook of his/her choice. The society gave outstanding paper and poster awards and SEPRO sponsored a student luncheon.

## Student Tour

Nine students- a new record- participated in the post-meeting student tour which was sponsored by APMS and AERF. Maryland DNR biologists Mark Lewandowski, Lee Carns and Brooke Landry provided a boat tour of the Susquehanna Flats at the mouth of the Chesapeake Bay. The students enjoyed snorkeling, swimming, and trying to identify the numerous native aquatic plant species. We enjoyed an amazing Maryland crab dinner at a local restaurant and spent the night in cabins at Elk Neck State Park. All students were delivered safely to the airport Thursday morning and the students had ample time to make their flights home.

## **2012 Meeting Progress**

#### Student Papers

I will submit the announcement to previous student presenters, chapter newsletters, Aquatics magazine, and university and research contacts. I again attempt to solicit papers and presentations from universities that have previously not been involved with APMS. I will concentrate this outreach effort in the Western states because of the meeting proximity but encourage the board to send suggestions and/or contacts for any other universities.

#### Student Tour

Based on the enormous success of the 2011 student tour, I expect high participation in this year's student tour. I have spoken with Cody Gray about touring some of the irrigation districts and possibly extending the tour to a 2 day format. I would appreciate the Board's thoughts on this possibility. As always, we will try to keep costs reasonable and could actively

seek sponsorship for the tour. Pending board approval on the meeting format and with cooperation from Cody's contacts in the region, we will begin scheduling the tour activities. I plan to work more closely with Bill Torres in securing deposits for lodging, food, etc. as to avoid using my personal credit card during the tour.

## Website Committee Report

Aquatic Plant Management Society Winter Board Meeting

## Site Traffic:

Site visits as measured per month are meeting expectations. Note that prior to 2010, a different tracking statistic was used, which likely overestimated the number of visits slightly.

Year	Total Visits	Year	Total Visits
2011	115,825	2004	45,133
2010	92,660	2003	48,543
2009	102,500	2002	40,884
2008	99,532	2001	6,500
2007	113,988	2000	5,613
2006	72,357	1999	3,848
2005	58,235		

## **Development to Date**

## Archival Information:

Online archives have been scanned and posted, including newsletters, past programs, and original documents. A request for members to look for missing programs and newsletters or other items of interest was published in the October newsletter, but no responses were received.

A large number of board books remain to be scanned for the purposes of digital archiving. Many of these have been sent to Dave Petty by Bill Haller, and this work will resume during the first half of this year.

## New Design:

A new website design and layout was put online by NDR Research in September of 2011. This gave the site a new look, and also reorganized the way information was stored – as it had been several years since the last major overhaul.

## Costs

Costs incurred in 2012 break down as follows:

ISP Fees:	\$119.40
Site Maintenance/Development:	\$2,745.00
Archival scanning and posting:	\$2,430.00
Site Redesign (MS State HPCC Group):	\$2,000.00
Site Redesign (NDR Research):	\$2,530.00
Total:	\$9,824.40

Other items to be completed:

- 1. reorganization of the menu structure
- 2. text recognition of the JAPM articles prior to about 1995, and the abstracts and keywords added to the JAPM search engine.

The time involved in reorganizing the menu based on student member recommendations would be minimal – approximately 4-6 hours of time.

The work with older issues of JAPM for the search engine would cost approximately \$1,200 to \$1,800. While not technically difficult, it will involve a large investment in time. This would be a one-time expense, as the issues published since that date are provided to the webmaster in a digital format ready for inclusion into the search engine, and are incorporated soon after each issue is published as part of the routine maintenance and development.

Many of the costs above were one-time fees, for archiving and website design. The APMS site continues to grow as new information becomes available, which has resulted in a large and complex website for information management and organization. As such, the webmaster is requesting an annual operating budget of \$4,000 plus up to \$1,800 to complete the site reorganization. A cost estimate for completing the archival scanning of past Board Books is not possible at this time due the large number that still remains.

Submitted by:

Ryan Wersal, Website Committee Chair Jonathan Fleming, Committee Member Debbie McBride, Committee Member Justin Nawrocki, Committee Member David Petty, Webmaster The AERF report is brief.

1. At the last APMS Board meeting in Baltimore, I informed the board that the AERF would be reassessing their funding at APMS meetings of student rooms, post meeting trips and scholarships as the foundation faced uncertain times as a result of the budget issues involving the defunding of the Army Corps of Engineers, ERDC, Chemical Control Team, the implementation of the state and federal NPDES - Pesticides General Permit and the perceived need of the APMS Chapters for more support. The AERF Board at that time felt that it needed to be fiscally responsible with its limited discretionary funds and be prepared to respond to evolving needs appropriattely. At the fall business meeting, the Board of Directors determined that the Foundation would consider requests for funding on a case by case basis and avoid long-term blanket commitments.

The AERF Board will, therefore, will respectfully consider requests received from the APMS for meeting support and other activities as indicated above.

2. The AERF website has been updated to include a fill-in-the-blanks Pesticides Discharge Management Plan to assist aquatic plant managers in their effort to comply with requirements of the state and federal NPDES-Pesticides General Permits. The form is in pdf format and can be downloaded directly from the website (www.aquatics.org). A spreadsheet is also on the site that provides a summary and a link to all the states and their requirements.

3. AERF has been asked to sponsor a symposium and lunch for District Conservation Officers at the BassMasters Classic annual meeting in February. APMS has co-sponsored similar events with AERF in the past. Travel expenses for Dr. Netherland and the luncheon for 50 people should not exceed \$2500. AERF respectfully requests APMS to co-sponsor this event.

## NALMS Report to the APMS Board of Directors

Michael D. Netherland, Committee Chair

## Jan 2012 - BOD Meeting, Salt Lake City, UT

The North American Lake Management Society held their 31st annual meeting on Oct 26-28<sup>th</sup>, 2011 in Spokane, WA. Attendance was approximately 500. Overall membership has increased by about 6% to just over 1000 members. There is a fairly even balance between members in the public and private sectors.

The NALMS BOD meets two times per year, but they also participate in monthly conference calls.

The NALMS revamped their website (~\$15K) and it allows administrative access for 5 members and 1 reconciler to post new material.

The new student BOD member was tasked with soliciting new student members, and student membership increased significantly this past year.

The Certified Lake Manager Program continues (NALMS provides the certification) and this is considered a valuable service by the members.

- Application Resume and job experience
- CEU's meeting attendance as well as publications

NALMS brings in income of ~80K by running the Water Quality Council Meeting (Portland, OR in May 2012) 8th National Monitoring Conference – Water: One Resource – Shared Effort – Common Future on April 30 – May 4, 2012.

The upcoming NALMS Annual Meeting is in Madison, WI in October.

Respectfully Submitted,

Michael D. Netherland, Ph.D



3272 Sherman Ridge Drive • Marietta, GA 30064 Telephone 678.773.1364 • Fax 770.499.0158 Carlton R. Layne, Executive Director Email: clayne@aquatics.org www.aquatics.org

December 12, 2011

Ms. Sherry Whitaker Treasurer APMS PO Box 821265 Vicksburg, MS 39182-1265

Dear Sherry,

The past year has been a challenge for the aquatic plant management community. Between the NPDES issue, the questions regarding funding for the Corps of Engineer's research program, increasing issues involving endangered species, incidents involving exotic invasive aquatic animals, and the increasingly vocal anti-aquatic plant control folks, the Aquatic Ecosystem Restoration Foundation (AERF) has been active on all fronts.

I know that you understand that AERF is the action arm of the aquatic societies across the nation. We maintain contacts with all the state pesticide and environmental agencies that regulate what you do in the world of aquatic plant management. We're on top of the NPDES issue in every state. Please check out the AERF website at <u>www.aquatics.org</u> to find the most current information anywhere on state-specific NPDES requirements. A fill-in-the-blank PDF form will be on line by the time you receive this letter to help you comply with the NPDES requirement of a Pesticide Discharge Management Plan. AERF is also funding a "White Paper" to provide you with a peer-reviewed scientifically valid method for accurately surveying aquatic pest populations to assist your choice of "action thresholds." Meanwhile, AERF will continue to work with RISE and WSSA in efforts to provide a legislative fix to NPDES such as HR 872.

The BMP is currently undergoing a review and update. We will likely add one or two chapters and a plant or two as well. In addition, AERF is there for you to use as a reference for your customers and clients to provide information regarding chemicals and toxicity, or copies of BMPs, or experts to explain controversial issues, or symposia, or workshops, etc.

I know these last couple of years has been challenging and that you have to make some hard decisions when determining which societies to join and which non-profits to support. AERF and I appreciate all the financial support you have provided in the past. Your donations fund the travel and associated expenses of these and other AERF activities such as supporting student and regulatory attendance at chapter and national APMS meetings. I hope I can continue to count on your financial support this year. You are currently an Associate Sponsor. Please consider increasing your support to the Affiliate level.

Please come up and talk to me at the next chapter APMS meeting in your area and tell me what your needs are and how AERF can better help you and your business.

I'll see you soon,

. Iton

Carlton Layne Executive Director

## **INVOICE FOR 2012 MEMBERSHIP RENEWAL**

#### **AQUATIC ECOSYSTEM RESTORATION FOUNDATION**

Please review the information below and make any necessary corrections or additions. Return this form with your membership renewal in the enclosed envelope.

In 2011 your membership level was: Associate. Your membership contribution was: \$250.

Name:	Sherry Whitaker
Email:	sherry.l.whitaker@usace.army.mil
Company:	APMS
Address:	PO Box 821265
City:	Vicksburg
State:	MS
Zip:	39182-1265
Phone:	601-634-2990
Fax:	601-634-2398
Website:	www.apms.org

Check here if you are a commercial applicator or management company.

Select or change your membership level here:

	Gold		Dues:	\$15,000
	Silver		Dues:	\$5,000
	Bronze		Dues:	\$2,500
	Affiliate		Dues:	\$1,000
	Associate		Dues:	\$250
Select your t-shirt size or se	lect a cap:			
Large	Extra Large	Other		Cap
Submitted by:			Title:	

Please return this form with your payment in the enclosed envelope or mail to:

#### Aquatic Ecosystem Restoration Foundation 1860 Bagwell Street Flint, MI 48503

For more information contact Carlton R. Layne, Executive Director, AERF, 3272 Sherman Ridge Drive, Marietta, Georgia 30064, Telephone: 678-773-1364, Fax: 770-499-0158, Email: clayne@aquatics.org.

AERF, 1860 Bagwell Street, Flint, MI 48503-4406. AERF's Federal I.D. Number is 38-3304154.



7922 NW 71<sup>st</sup> Street • PO Box 110610 Gainesville, FL 32611-0610 Phone: (352) 392-1799 Fax: (352) 392-3462 <u>http://plants.ifas.ufl.edu</u> CAIP-education@ufl.edu

November 30, 2011

Tyler J. Koschnick, President Aquatic Plant Management Society c/o SePRO Corporation 11550 N. Meridian St., Ste. 600 Carmel, IN 46032

Dear Tyler,

Somehow another year has flown by and it's time for us to prepare for our annual invasive plant education workshop for Florida teachers. This year's **PLANT CAMP** dates are set for June 17-21.

As you may know, our 5-day, one of a kind workshop is made possible by collaboration between the Florida Fish and Wildlife Conservation Commission/Invasive Plant Management Section and the UF/IFAS Center for Aquatic and Invasive Plants. However, additional sponsors are needed each year for expenses that fall outside UF's grant parameters such as mid-day meals, snacks and PLANT CAMP t-shirts. These special touches make PLANT CAMP more memorable for participants and help attract top-notch teachers every year in a competitive application process. (We have as many as 80 applicants each year.)

This year, twenty-four teachers will be selected to receive professional training on the subject of Florida plant life with a special focus on aquatic invasive species. Our goal is to provide greater background knowledge and resources so these individuals can gain the confidence needed to teach the topic to their students. (For many teachers, even science teachers, the subject of invasive plants is a little intimidating.) To date, more than 200 teachers have received this intensive training and in turn, shared their new knowledge with more than 1,200 colleagues and well over 20,000 students.

With current funding challenges, your support is even more important to the success of PLANT CAMP and the Florida Invasive Plant Education Initiative. Can we count on you again this year to sponsor up to \$500 for our event? Sponsors are recognized on print materials for the workshop, placards displayed during meals, class activities and lectures, on PLANT CAMP t-shirts and also on our Education Initiative website (<u>http://plants.ifas.ufl.edu/education/plant\_camp/2011/</u>). Any remaining funds are used for snacks and incidentals needed for the workshop. Please let us know at your earliest convenience if Aquatic Plant Management Society is able to partner with us for this important project.

For more information about PLANT CAMP and the Florida Invasive Plant Education Initiative, please see our website: http://plants.ifas.ufl.edu/education/. And of course, feel free to call any time (352.219.1712). Thank you very much for considering this request. We look forward to hearing from you.

Yours truly, Richar

Coordinator, Florida Invasive Plant Education Initiative

cc: Terry Goldsby, President-Elect Sherry Whittaker, Treasurer



Florida Invasive Plant Education Initiative + http://plants.ifas.ufl.edu/education A Collaboration of the UF/IFAS Center for Aquatic and Invasive Plants and the Florida Fish and Wildlife Conservation Commission / Invasive Plant Management Section

> The Foundation for The Gator Nation An Equal Opportunity Institution