

**SECTION ANNUAL REPORT
and
Minasian Application**


**AIR & WASTE MANAGEMENT ASSOCIATION
January 1, 2010 – December 31, 2010**

To maintain your charter as an affiliated section of the Air & Waste Management Association (A&WMA), including use of the name "Air & Waste Management Association" or similar designation which suggests any official relationship with A&WMA, your section is required to submit this annual report to the A&WMA on activities for the twelve-month period ending December 31, 2010.

This form can also be used to be considered for the Minasian Award. The top performing sections will be recognized for outstanding achievement in serving the mission and the membership of the Association with the Minasian Award, named in honor of George T. Minasian, first chair of Sections Council. Winners of the Minasian Award will be recognized during the Honors and Awards Ceremony at the Annual Conference & Exhibition in Detroit, Michigan, and in EM magazine. NOTE: Recognition will also be given to the top performing smaller sections who may not have as many members or chapters. All sections are encouraged to apply for recognition.

To be considered for the Minasian Award, simply sign below. Electronic submission is preferred and no supporting documentation is required.

[X] Yes! Our section would like to be considered for the Minasian Award or other recognition. Award us points for our activities! By signing, the preparer verifies that all information is correct. There is no need to attach any supporting documentation except chapter annual reports and officer lists.

Signed: 
(signature of preparer must be present to be considered for the Minasian)

Due: Postmarked by April 27, 2011.

Submit To: Stephanie Glyptis, A&WMA, One Gateway Center, 3rd Floor, 420 Fort Duquesne Blvd., Pittsburgh, PA 15222.

Save a tree! Send your report electronically to sglyptis@awma.org

For Questions: Stephanie Glyptis, 412-904-6006.

Section Name: Upper Midwest Section

Report Prepared by: Catherine Neuschler

Position in the Section: Secretary

Address: Minnesota Pollution Control Agency, 520 Lafayette Road North, 3rd Floor

City/State or Province/Country: Saint Paul, MN 55155

Day Time Phone Number: (651) 757-2607

E-Mail: catherine.neuschler@state.mn.us

Attach a list of all 2010 and 2011 officers and members of the governing body of the section, including all contact information. Please indicate their length of terms of office and the exact term end date. Only a current Association member can serve as an officer, pursuant to the A&WMA by-laws.

Indicate which officer(s) in the section will be authorized by the chair to retrieve 2011 membership reports from the A&WMA Web Site. Maximum of 2 can retrieve membership reports.

Name of person(s) to retrieve reports: 1. Mike Hult
2. Beth Freymiller

List all chapters within the section's jurisdiction. Attach a completed Student Chapter profile for each student chapter as well as a chapter report. Please denote if a chapter is considered active; inactive; or active but not responsive. Identify any chapter that was granted a new charter in 2010 by the Association Board of Directors.

Name of Chapter	Active/Inactive?
1. <u>Northland Chapter</u>	<u>Inactive</u>
2. <u>Twin Cities Student Chapter (University of Minnesota)</u>	<u>Active</u>

Attach copies of the following documents for your permanent file **ONLY** if you have updated them in 2010 or 2011 or they have been specifically requested by Headquarters:

1. Section by-laws 2. Articles of Incorporation 3. Tax-exempt form

Section by-laws were updated in December 2010 and are attached.

Price Differential

Does the section provide a price differential to Association members when attending section events, as required by the Association's Board of Directors?

Yes No If yes, how much? Price differential varies by event, usually around \$20 - 30.

Does the section have local "associate" members who are NOT members of A&WMA?

Yes. Number of local associates in the section: _____

All sections and chapters are requested to provide an electronic excel file of all local associates to Headquarters, to enable the Association to promote conferences and membership programs. Note: Please use the template provided on the A&WMA website to assist you in the submission of your local associates. Complete contact information is requested.

Our list will be e-mailed in excel format to brogers@awma.org .

No, we do not currently recognize local associates at the section.

Identify networking activities or meetings conducted. Indicate type of meeting - breakfast (B), lunch (L), dinner (D), workshop (W), Networking Social (S) or multi-day conference (C), and if this was a section-sponsored or chapter-sponsored function or if the section or chapter assisted with an A&WMA headquarters event (including ACE):

Date	Type	Attendance	Program Topic	Section/Chapter/ A&WMA
1/21/2010	W	41	Seminar on EPA's Greenhouse Gas Reporting Rule	Section
2/16/2010	W		Greenhouse Gas Accounting Practices, Disclosures, and the Scope 3/Product Road Test (Special Board Speaker)	Section
4/21/2010	W	29	Air Permitting 101 Training Session	Section
4/21/2010	S		Post Air Permitting training social event	Section
05/06/2010	W	28	Regulating Greenhouse Gases Under the Clean Air Act	Section
05/27/2010	W	6	Young Professionals: Is Professional Licensing Right for You? (A&WMA Webinar)	A&WMA, Section
06/15/2010	W		State of the Air in Minnesota (Special Board Speaker)	Section
07/29/2010	W	25	Air Permitting Compliance Seminar	Section
09/10/2010	W	20	Clean Air Transport Rule Webinar (A&WMA Webinar)	A&WMA, Section
09/23/2010	W	25	National Ambient Air Quality Standards	Section
10/28/2010	W	6	Facility Tour: District Energy St. Paul Biomass Combined Heat and Power (CHP) Plant	Section
11/09/2010	W	150	Annual Conference on the Environment	Section
11/09/2010	S		Young Professionals Post Conference on the Environment Social Event	Section

List any web casts developed and/or presented by the section or its chapters.

Title _____ Date _____ Length _____

Title _____ Date _____ Length _____

List Education Courses offered in conjunction with meetings. Please indicate if they were a one day course or half day course.

Course Title _____ Date _____ Length _____

Course Title _____ Date _____ Length _____

List all Environmental Resource Guide (ERG) Teacher Training Workshops, where they were held (city/town), how long (half, full days) and dates held:

Workshop #1 Location _____ Length _____ Dates _____

Number of attendees _____
Workshop #2 Location _____ Length _____ Dates _____
Number of attendees _____

Identify any scholarships bestowed during the year:

Number of Undergraduate Awards: _____ Value of Awards: \$ _____
Number of Graduate Awards: _____ Value of Awards: \$ _____

Did the section support A&WMA's scholarship program by donating an item for the Silent Auction at the 2010 Annual Meeting and Exhibition?

_____ Name of item: _____

Identify the section's means of communicating with Association members:

[X] We produce a section newsletter (*attach sample*) - Issues/year: 2 _____

[X] We maintain a section web site.

Indicate URL: <http://www.awma-ums.org/index.htm> and the date it was last maintained: _____

Comments: The website is updated frequently and used for event notification and registration. _____

[X] Other means of section communications with members (if any): Facebook, LinkedIn, email

Number of stand alone meeting notices or other announcements: _____

Identify involvement in any community or school outreach activities during the year:

Activity name: Student Environmental Challenge at Conference on Environment Date: 11/09/10

Amount donated (if any) or scope of involvement: \$2000 _____

Indicate the number of A&WMA members within the section at each as of these dates (HQ can determine):

December 31, 2009: 200 _____ December 31, 2010: 187 _____

List any local membership drives conducted, including drives that utilized the \$100.00 Special Introductory Rate.

Date(s) of drive	# of new members	Meeting? or Stand Alone Drive?
1. _____	_____	_____
2. _____	_____	_____

Insurance

The Association provides \$1,000,000 in general liability insurance to all sections and chapters. Sections and chapters do not need to do anything to qualify for this coverage; it is automatically provided. Only members of the Association are covered by this insurance.

In addition, the Association, as a rider to its Directors and Officers (D & O) insurance coverage, offers optional D & O insurance in the amount of \$2,000,000 for the officers and directors of any section or chapter that wishes to purchase it. The cost for acquiring and/or renewing the coverage is \$175 per member unit (section or chapter), which must be paid with the submittal of this annual report, if a section or chapter desires such coverage. If elected and if payment is received, the coverage will be effective for one year beginning August 1, 2011. Since D & O insurance provides personal coverage for members who serve as officers and directors of a section or chapter against claims that may be made against them in connection with their fiduciary responsibilities as officers and directors, the names and addresses of the persons for whom the coverage is being afforded must be provided along with their term of office. Should a person's term of office expire prior to the expiration date of the coverage, coverage for that person will cease upon the date of expiration of his or her term of office and coverage to the person succeeding him or her will not be effective unless the name and address of the successor is provided to Headquarters. Therefore, to ensure coverage, it is critical for sections and chapters to keep Headquarters apprised of all changes to officer or director terms of office prior to the change.

Finally, if a section officer is also an officer of a chapter, the policy will afford coverage to him or her only in connection with claims pertaining to section matters. Coverage of officers and directors of chapters relating to chapter matters can only be provided by an election of coverage by a chapter. That is, coverage of the officers and directors of a section does not afford coverage to officers and directors of chapters of that section in claims relating to chapter matters.

Election of Coverage (new AND renew).

Does the section desire to obtain/renew D & O insurance for its officers and directors for the period August 1, 2011 through July 31, 2012?

Yes _____ No

If yes, please include a check made payable to the Air & Waste Management Association in the amount of \$175 with annual report and provide the names, addresses and term end date of office for the officers and directors of the section in the following table (or you may attach a separate listing) :

See attached listing on Page 8.

Does your section have a member who serves as an Education Chair?

Yes Name: Chandler Taylor_____

Does your section have a member who serves as Young Professional Committee Chair?

Yes Name: Jen Cowman_____

Does your section have a member who serves as Student Chapter Liaison (not advisor)?

Yes _____ Name: _____

Did any of your A&WMA members publish a technical article in the Journal or EM?
No

Did any of your A&WMA members present a technical paper or conduct any other presentation on behalf of the international Air & Waste Management Association?

Author Name _____ Paper or Presentation Title _____

Conference Title and Date _____

Author Name _____ Paper or Presentation Title _____

Conference Title and Date _____

Author Name _____ Paper or Presentation Title _____

Conference Title and Date _____

List A&WMA members who serve(d) on the A&WMA's Board of Directors, as an Association Officer or Council Officers (Council Chair or Vice-Chair) in 2010.

Name Jeff Muffat _____ Position President _____

Name _____ Position _____

List all section or chapter officers who attended the Leadership Training Session in April 2010 in Pittsburgh.

Name _____

Name _____

List all section or chapter officers who attended the Membership Committee Meeting, held during the 2010 Annual Conference & Exhibition in Calgary.

Name _____

Name _____

List all section or chapter officers who attended the Inter-Council meeting and/or the fall Sections and Chapters Council meeting.

Name _____

Name _____

Name _____

List any officer training opportunities conducted by your section or your chapters.

Type of Training: _____
Name of Trainer: _____
Date of Training: _____
Individuals Trained: _____

Type of Training: _____
Name of Trainer: _____
Date of Training: _____
Individuals Trained: _____

Thank you for filling out and submitting your required annual report to Headquarters by the requested due date. Sections who submit their 2010 reports are eligible to receive local dues collected by headquarters for the period January 1, 2011 – June 30, 2011 plus any previously held funds. Areas who do not submit annual reports are not eligible to vote in the upcoming election of the incoming vice chair of the Sections and Chapters Council. Additionally, dues re-imbusement monies will not be released until a report is received.

Board & Committee Chairs for 2010 (May 1, 2010 – April 30, 2011)

<p>CHAIR Greg Archer Environmental Administrator Great River Energy 12300 Elm Creek Blvd. Maple Grove, MN 55369-4718 Phone: 763-445-5206 Fax: 763-445-5237 garcher@greenergy.com</p>	<p>VICE CHAIR Michael (Mike) Hult 3M Environmental Operations 3M Center 224-5W-03 St. Paul, MN 55144-1000 Phone: 651-737-3597 Fax: 651-737-3395 mwhult2@mmm.com</p>
<p>SECRETARY Catherine Neuschler MPCA 520 Lafayette Rd. N. St. Paul, MN 55155 Phone: 651-757-2607 Fax: 651-297-8324 catherine.neuschler@state.mn.us</p>	<p>TREASURER Beth Freymiller 1802 Wooddale Dr. Suite 100 Woodbury, MN 55125 Phone: 651-294-4584 Fax: 651-228-1969 bfreymiller@wenck.com</p>
<p>PAST CHAIR Clay Raasch Trinity Consultants 106 Main Street South, Suite 201 Stillwater, MN 55082 Phone: 651-275-9900 x103 Fax: 651-351-3987 craasch@trinityconsultants.com</p>	<p>DIRECTOR (2011) Mike Hansel Barr Engineering Co. 4700 West 77th Street Minneapolis, MN 55435-4803 Phone: 952-832-2878, Fax: 952-832-2601 mhansel@barr.com</p>
<p>DIRECTOR (2012) Mark Manninen 3M Environmental Operations 3M Center, 224-5W-03 St. Paul, MN 55144-1000 Phone: 651-737-3588 Fax: 651-737-3395 mmanninen@mmm.com</p>	<p>DIRECTOR (2013) Roger Clarke Xcel Energy 414 Nicollet Mall, MP-07 Minneapolis, MN 55401 Phone: 612-330-6989 Fax: 612-330-5905 roger.a.clarke@xcelenergy.com</p>
<p>MEMBERSHIP COMM. CHAIR Lori Bartels Wenck Associates 1802 Wooddale Drive, Suite 100 Woodbury, MN 55125 Phone: 651-294-4580 Fax: 651-228-1968 lbartels@wenck.com</p>	<p>EDUCATION COMM. CHAIR Chandler Taylor Barr Engineering 4700 West 77th Street Minneapolis, MN 55435-4803 Phone: 952-832-2621 Fax: 952-832-2601 ctaylor@barr.com</p>
<p>COMMUNICATIONS COMM. CHAIR Kathryn Anderson Wenck Associates 1802 Wooddale Drive, Suite 100 Woodbury, MN 55125 Phone: 651-294-4593 Fax: 651-228-1968 kanderson@wenck.com</p>	<p>YOUNG PROFESSIONALS COMM. CHAIR Jen Cowman 3M Environmental Operations 3M Center St. Paul, MN 55144-1000 Phone: Fax: jmcowman@mmm.com</p>

Board & Committee Chairs for 2011 (May 1, 2011 – April 30, 2012)

<p>CHAIR Michael (Mike) Hult 3M Environmental Operations 3M Center 224-5W-03 St. Paul, MN 55144-1000 Phone: 651-737-3597 Fax: 651-737-3395 mwhult2@mmm.com</p>	<p>VICE CHAIR Mike Hansel Barr Engineering Co. 4700 West 77th Street Minneapolis, MN 55435-4803 Phone: 952-832-2878, Fax: 952-832-2601 mhansel@barr.com</p>
<p>SECRETARY Catherine Neuschler MPCA 520 Lafayette Rd. N. St. Paul, MN 55155 Phone: 651-757-2607 Fax: 651-297-8324 catherine.neuschler@state.mn.us</p>	<p>TREASURER Jonathan Amos Xcel Energy 414 Nicollet Mall MP 7 Minneapolis, MN 55401-1993 Phone: 612-330-7682 Fax: jonathan.m.amos@xcelenergy.com</p>
<p>PAST CHAIR Greg Archer Environmental Administrator Great River Energy 12300 Elm Creek Blvd. Maple Grove, MN 55369-4718 Phone: 763-445-5206 Fax: 763-445-5237 garcher@greenergy.com</p>	<p>DIRECTOR (2012) Mark Manninen 3M Environmental Operations 3M Center, 224-5W-03 St. Paul, MN 55144-1000 Phone: 651-737-3588 Fax: 651-737-3395 mmanninen@mmm.com</p>
<p>DIRECTOR (2013) Roger Clarke Xcel Energy 414 Nicollet Mall, MP-07 Minneapolis, MN 55401 Phone: 612-330-6989 Fax: 612-330-5905 roger.a.clarke@xcelenergy.com</p>	<p>DIRECTOR (2014) Jonathon Bloomberg Bloomberg & Podpeskar LLP 10 S. Fifth St., Suite 1005 Minneapolis, MN 55402 Phone: 612-359-6119 Fax: 612-359-6122 E-mail: jbloomberg@bp-environlaw.com</p>
<p>MEMBERSHIP COMM. CHAIR Beth Freymiller 1802 Wooddale Dr. Suite 100 Woodbury, MN 55125 Phone: 651-294-4584 Fax: 651-228-1969 bfreymiller@wenck.com</p>	<p>EDUCATION COMM. CHAIR Chandler Taylor Barr Engineering 4700 West 77th Street Minneapolis, MN 55435-4803 Phone: 952-832-2621 Fax: 952-832-2601 ctaylor@barr.com</p>
<p>COMMUNICATIONS COMM. CHAIR Kathryn Anderson Wenck Associates 1802 Wooddale Drive, Suite 100 Woodbury, MN 55125 Phone: 651-294-4593 Fax: 651-228-1968 kanderson@wenck.com</p>	<p>YOUNG PROFESSIONALS COMM. CHAIR Jen Cowman 3M Environmental Operations 3M Center St. Paul, MN 55144-1000 Phone: Fax: jmcowman@mmm.com</p>

Section Financial Report

*Complete this Financial Statement for the period from January 1, 2010 through December 31, 2010 and return it with your Annual Report, as required in the Association Bylaws. Indicate currency used (US\$, CAN\$, Pesos, etc.). (NOTE: Regardless of the fiscal year of your Section, the Section Financial Report **MUST** be provided for the time period of January 1, 2008 through December 31, 2010).*

TOTAL CASH RESERVES at beginning of year (Jan. 1, 2010):

Cash, checking and savings accounts	<u>\$ 55,672.51</u>
Other Investments	<u>\$ 0</u>
TOTAL -- CASH & INVESTMENTS	<u>(A) \$ 55,672.51</u>

INCOME EARNED from Jan. 1, 2010 to Dec. 31, 2010:

Meetings & Special events	<u>\$ 0</u>
Educational courses, conferences, workshops	<u>\$ 9125.47</u>
Scholarship contributions	<u>\$ 0</u>
Local dues collected	<u>\$ 1062.00</u>
Interest earned	<u>\$ 0</u>
Social events income	<u>\$ 0</u>
Other	<u>\$ 0</u>
TOTAL – INCOME EARNED	<u>(B) \$10187.67</u>

EXPENSES INCURRED from Jan. 1, 2010 to Dec. 31, 2010:

Meetings (notices, meals, rentals)	<u>\$ 2628.99</u>
Educational courses, symposia	<u>\$ 0</u>
Scholarship awards	<u>\$ 2500.00</u>
Donations	<u>\$ 0</u>
Operating/administrative expenses	<u>\$ 2820.43</u>
Social events	<u>\$ 240.60</u>
Other	<u>\$ 253.04</u>
TOTAL -- EXPENSES	<u>(C) \$ 7961.86</u>

TOTAL CASH RESERVES at December 31, 2010 (D) \$ 57898.30

BEGINNING CASH (A) + INCOME EARNED (B) - EXPENSES (C) = CASH RESERVES (D)

Please list any temporarily or permanently restricted assets such as funds donated specifically for scholarships, contributions for specific purposes, etc, that should not be listed above in your normal yearly operating activities.

Restricted Scholarship Funds	\$ <u>0</u>
Restricted Contributions	\$ <u>0</u>
Other Restricted Assets	\$ <u>0</u>

Is your Section incorporated? Yes No Don't know

If yes, state where incorporated? Appears to have previously been incorporated in Minnesota. Incorporation currently inactive. We have treated our section as not incorporated.

Does your Section carry its own tax-exempt status (under IRS, Section 501(c)(3)?

Yes No Don't know

If no, does your Section plan to file for tax-exempt status?

Yes No Don't know

STUDENT CHAPTER PROFILE

Air & Waste Management Association

(Students: Please complete and return by March 17 to your section and to Headquarters)

Student Chapter Name: Twin Cities Northstar DATE: 4/6/11

A&WMA Section/Chapter Sponsor: Upper Midwest Section

College/University: University of Minnesota

Number of students enrolled (full & part-time) at this location (do not include satellite campuses) 49,000 Website: none

Completed By (name/office) Cindy McComas E-mail: mccom003@umn.edu

Faculty Advisor:

Cindy McComas, Adjunct Professor

Dept of Biobased Products and Biosystems Engineering, University of Minnesota

E-mail: mccom003@umn.edu

Phone: 651-231-2868 (cell)

Chapter Mailing Address: 200 Pillsbury, University of Minnesota, Civil Engineering Dept, Minneapolis, MN 55455

1. Number of Student Members: 14 AWMA student members; joint chapter with Water Environment Federation and American Water Works Association (~25 members total)

2. Academic Schedule: semester quarter other

3. The first day of class of the fall term was: 9/7/10
The last day of the spring term is: 5/14/11

4. Our Student Chapter is is not active during the summer.

5. Our Student Chapter members usually major in the following subjects: civil engineering

6. Number of Student Chapter meetings held this year: 1
Average attendance: 20

7. Number of events/programs held this year: 6
(Please provide a summary description of these activities i.e., brown bag lunch meetings, evening meetings w/ speakers, activities fair etc.)

Chapter:

5/27/10, AWMA Career Webinar

9/30/10, Recruiting members and election of officers

Community Service:
4/30/10, Pi Mile Run (to benefit the Ronald McDonald House)

Social:
6/16/10, Summer Potluck
9/9/10, Bowling
10/5/10, Happy Hour

8. We do not do produce a Newsletter; Number of issues _____
9. We do not do charge additional dues; dues amount \$ _____
10. Approximate Balance in Student Chapter Treasury: \$ 100_____

BY-LAWS

of the

Upper Midwest Section

of the

Air & Waste Management Association



As Amended and Approved on December 21, 2010

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ARTICLE I. NAME, AREA, ADDRESS

Section 1: Name

This organization shall be known as the UPPER MIDWEST SECTION (hereinafter referred to as the "Section") and is one of the geographic Sections of the Air & Waste Management Association (hereinafter referred to as the "Association" or as the "A&WMA").

Section 2: Area

The geographic areas of the Section shall consist of: Minnesota, North Dakota and South Dakota.

Section 3: Address

The address of the Section shall be the Office of the incumbent Secretary, or designee, or a permanent post office box number.

ARTICLE II. PURPOSE AND LIMITATIONS

Section 1: Purpose

The purpose of the Section shall be to promote closer professional and personal relations among members of the Section and to further the mission and objectives of the Association.

The purpose of the Section shall include promotion of a better understanding of the problems of air and water pollution and waste management, including pollution prevention, between pollution control officials, legislative representatives, research personnel, educators, representatives of industry and the general public within the geographic area of the Section and provision of a forum for the interchange of scientific information and technical methods directed toward solving air pollution and improving waste management, including minimizing waste generation.

Section 2: Mission and Objectives

The mission of the Section is to promote a clean environment, provide leadership in the fields of air pollution control and waste management, promote a sense of environmental responsibility, and serve its membership and the public consistent with the mission and objectives as stated in the Association By-Laws.

Section 3: IRS

The Section shall have all the powers granted to it by the Association and shall have the ability to do all things necessary and incident to its purposes provided, however, that the Section shall not engage in any activities or exercise any powers not permitted under Section 501(c)(3) of the Internal Revenue Code of 1954.

Section 4: Legislative or Political Activities

The Section shall not attempt to influence pending legislation or regulation. The Section shall not participate in or intervene (including the publishing or distribution of statements) in any political campaign on behalf of any candidate for public office.

Section 5: Operational Limitations

No part of the net earnings of the Section shall inure to the benefit of, or be distributable to, its Members, Officers, Directors or other private persons except that the Section shall be authorized and empowered to pay reasonable compensation for services rendered.

**ARTICLE III.
MEMBERSHIP**

Section 1: Membership

Membership is available to persons residing in or conducting business within the geographic area of the Section. Any Association Member who supports the purpose of the Section is eligible to become an active member of the Section and is entitled to engage in all Section activities upon payment of dues to the Association in the amount and manner specified by the Association's Board of Directors. Any Association Member may become a member of more than one Section; provided that the member pays dues to each Section.

Section 2: Local Associates

Any individual who is interested in participating in Section activities, but is not yet ready to become a member of the Association, may become a Local Associate of the Section. The Board may elect to establish a fee for an individual to become Local Associates of the Section. A Local Associate does not have membership rights in either the Association or the Section. In hosting local events, the Section must establish a price differential that provides an appropriate price advantage to Association members over Local Associates.

**ARTICLE IV.
OFFICERS, DIRECTORS, EXECUTIVE BOARD**

Section 1: Officers

- A. There shall be four (4) Section Officers designated as Chair, Vice Chair, Secretary and Treasurer.
- B. The Vice Chair, Secretary and Treasurer shall be elected to serve a one-year term by a majority vote of the members VOTING in an officer election. They shall hold office for the ensuing year or until their successors have been elected and have taken office. At the end of the Chair's term of office, the Vice Chair will automatically assume the Chair's position for a one-year term of office.

- C. The Chair and Vice Chair shall not hold the same office for two consecutive one-year terms.
- D. The most recently retired Chair shall be a member of the Executive Board for one year following the expiration of their term.

Section 2: Directors

There shall be three (3) Directors of the Section. Directors shall be elected to serve a three-year term. One Director shall be elected annually to serve a three-year term by a majority vote of the members voting according to Article VII, Section 6.

Section 3: Special Directors

Directors of the Association living within the area of the Section shall be Special Directors of the Section and vote as other Directors.

Section 4: Executive Board

- A. The executive, financial and general administrative functions of the Section shall be vested in the Executive Board (hereinafter referred to as the "Board") whose members shall be the Officers, Directors, Special Directors, the appointed Representative of each Chapter, and the Past Chair.
- B. Interim vacancies of elected Officers or Directors shall be filled by appointment by the Board until successors have been elected at the next Section election by a majority vote of the members VOTING.

Section 5:

All Officers, Directors, Special Directors and other members of the Board shall be members of the Association.

Section 6:

The Officers and other members of the Board shall serve without remuneration.

ARTICLE V. DUTIES OF OFFICERS

Section 1: Chair

The Chair shall: preside at all meetings of the Section; call such special meetings as may be necessary; appoint the membership and the Chair of all Standing and Temporary Committees; appoint an Auditor; be the final authority, within the Chair's jurisdiction, on the By-Laws of the Section; be authorized, in the absence of the Treasurer, to sign checks or make other financial transactions on behalf of the Section as directed by the Board; and conduct both internal and external business on behalf of the Section.

Section 2: Vice Chair

The Vice Chair shall: preside at all meetings in the absence of the Chair; and assume all powers and duties of the Chair should the Chair be unable to so perform.

Section 3: Past Chair

The Past Chair shall: preside at and chair all meetings of the Nominating Committee.

Section 4: Secretary

The Secretary shall: give written notice of general business, technical, special and Board meetings; keep a record of the minutes of all meetings of the Section and Board; conduct appropriate correspondence of the Section; make an annual report to the Association regarding affairs of the Section, active membership, summary of public meetings, summary of Standing Committee activities, business transactions and Treasurer's report; and surrender at the end of his/her term of office to his/her successor, or to such person as may be authorized by the Chair to receive them, all properties and records of the Section and/or the Association as may be in his/her custody.

Section 5: Treasurer

Subject to the supervision and direction of the Board, the Treasurer shall: receive all monies of the Section and deposit or invest them as directed by the Board; disperse monies as directed by the Board; keep accurate and complete records of all financial transactions; furnish a financial report at the business meetings of the Section or as called for by the Chair and/or Board; submit his/her records and accounts for audit on a biennial basis by an auditor appointed by the Chair; and surrender at the end of his/her terms of office to his/her successor, or to such person as may be authorized by the Chair to receive them, all properties and records of the Section and/or the Association as may be in his/her custody.

**ARTICLE VI.
COMMITTEES**

Section 1: Standing Committees

Standing Committees shall consist of:

- Membership Committee shall promote the growth of the Association by soliciting membership in the Section and Association.
- Program and Arrangements Committee shall consist of the Vice Chair and at least one additional member. This committee shall secure speakers, arrange locations and meals, and present the program for technical meetings. The meetings should include pollution prevention concepts in presentations and other program activities.

- Nominating Committee shall consist of the Past Chair and two other members.
- Education Committee shall consist of the Chair and any number of other members as determined by the Chair. This committee should teach and promote the concepts and practices of the Association, including pollution prevention, as part of educational booths, seminars and publications.
- Communications Committee shall consist of the Chair and any number of other members as determined by the Chair. This committee will promote communications through the Section's website, periodic newsletters, and other media as deemed appropriate.

Other Standing Committees may be established by the Board to promote the purposes of the Section.

Section 2: Annual Reports

Standing Committee Chairs shall contribute to and/or submit an annual report to the Chair by April 1 of each year.

Section 3: Other Committees

The Section Chair may appoint temporary committees as deemed necessary, provided such appointment does not conflict with other provisions of the By-Laws.

**ARTICLE VII.
OPERATIONS**

Section 1: Dues

Annual dues for membership in the Section in excess of the amount assessed by the Association's Board of Directors may be established by the Section Board.

Section 2: Calendar

The fiscal year, the membership year, and the operating year shall be January 1 to December 31 during which at least one technical meeting shall be held.

Section 3: Meetings

Board meetings may be called by the Section Chair by notifying the members of the Board. The Board shall designate the dates for the general business and technical meetings and the Secretary shall give written notices thereof.

Section 4: Quorum

Fifteen (15) active members shall constitute a quorum for any general business or special meeting. Five (5) members of the Board shall constitute a quorum for a meeting of the Board. A member of

the Board may participate remotely, either by telephone or other appropriate technology, in any meeting of the Board.

Section 5: Voting

Only members of the Section are entitled to vote. Unless otherwise provided, a majority vote of those voting shall rule.

Section 6: Elections

The Nominating Committee shall prepare a list of nominees for Officers and Directors and shall obtain their acceptance with the Board. The slate of nominees shall be presented to those eligible to vote by email or mail ballot when elections are scheduled. The nominees shall reflect employment and geographic representativeness to ensure a broad and fair administration of the business of the Section.

The new Officers and Directors will assume their duties upon election by a simple majority of those who vote by returning their ballots.

Section 7: Rules of Order

Unless otherwise provided, Robert's Rules of Order shall govern the procedure for all meetings.

ARTICLE VIII. CHAPTERS

Section 1: Establishing Chapters

Upon written petition of ten (10) or more members of the Association, the Board may establish one or more Chapters in accordance with the By-Laws and policies of the Association.

Section 2: Chapter By-Laws

The By-Laws of any Chapter established under this Article shall be subject to approval by the Association. After initial approval of the By-Laws, the internal affairs shall be the responsibility of the Chapters. If, however, the Chapter has not had a meeting of more than ten (10) members in a year, the Board may intervene in order to revitalize the Chapter and assist members in the area to do so. Only after all reasonable efforts have failed may the Board recommend dissolution of a chapter in accordance with the By-Laws and policies of the Association.

Section 3: Chapter Member Dues

Chapter members shall pay Section dues and shall be entitled to all privileges of Section Membership.

Section 4: Chapter Finances

Chapters established under this Article shall be financially self-supporting. No financial commitment by any Chapter shall be binding upon the Section.

ARTICLE IX. AMENDMENTS

Section 1: By-Laws Amendments

Any member may propose an amendment to the By-Laws to the Board. Before the amendment can be submitted for consideration of the membership, it must be approved by the Board or bear the written endorsement of at least twenty-five (25) Section members.

Section 2: By-Laws Amendment Approval

The Board shall promptly submit to the membership any proposed amendment approved or endorsed as provided in Section 1.

Notice of any proposed amendment, a notice of the business meeting at which the amendment is to be considered, and official ballot, and a proxy form shall be mailed or e-mailed to each voting member, as such address as appears in the records of the Association. The Secretary, or designee, shall mail the documents not less than 45 days prior to the business meeting at which the amendment is to be considered.

Adoption of a proposed amendment shall require affirmation by two-thirds of the votes cast in the election. An adopted amendment shall become effective immediately unless otherwise noted in the amendment, and shall be made a part of these By-Laws, and the Section members shall be notified accordingly.

Section 3: Notification of Association

Within ninety (90) days after amending the Section By-Laws, the Secretary shall submit a copy of the amended By-Laws to the Headquarters of the Association.

Section 4: By-Laws Conflicts

Any section of the By-Laws or amendments adopted hereafter which conflict with the By-Laws or policy of the Association is null and void.

ARTICLE X. DISSOLUTION

In the event of dissolution of the Section, any remaining assets after discharge of all liabilities and obligations shall be transferred to the Association or a successor organization. No part of the net earnings of the organization shall inure to the benefit of any individual. Upon dissolution, if the Association is unable, unwilling or ineligible to receive assets, they will be distributed to one or more organizations exempt under Section 501(c)(3) of the Internal Revenue Code of 1954.

SPRING 2010 NEWSLETTER

A&WMA

Upper Midwest Section



MESSAGE FROM THE 'NEWLY ELECTED' CHAIR...

Greg Archer (garcher@greenergy.com)

Spring is a particularly enjoyable time of year. The emerging grasses and leaf buds mark the transition from the frigid winter. As the buds and flowers emerge, it is this flurry of changing activity that is so exciting. Spring acts as an appropriate analogy for our organization and for the current regulatory environment.

With respect to our organization, we are transitioning to a newly elected board this spring. Please join me in thanking Clay Raasch for his leadership as the retiring chair. Our organization is as strong as ever because of his direction. We also want to recognize Chris Nelson for his continued involvement in 2009 as the past chair. (Chris is simply too good to let go and will therefore continue to participate in strategically special projects.) Finally, we want to recognize Larry Keller for his three year term as director. At the same time, we want to welcome two new board members. Catherine Neuschler, MPCA, has joined our organization as secretary. Catherine brings significant policy experience to us. Roger Clarke, Xcel, was elected as a new director and brings waste management expertise to our board.

With respect to the legal environment, we see many regulatory buds starting to emerge, but do not yet have a full sense their maturity. As one of many examples, we have witnessed a national change of course on climate legislation under the Obama administration. Seeds were sown last summer, when the US House of Representatives passed their version of a cap and trade program for greenhouse gases. The White House 'fertilized' these seeds, by sending significant representation to Copenhagen to negotiate international climate agreements, and loosely committing to future US reductions. In early June, the US Senate threatened the use of 'herbicide' by offering a resolution to remove EPA's authority to regulate Greenhouse Gases under the Clean Air Act. It was rejected by a close vote of 47-53.

Meanwhile, climate change programs continue to bud nationally. EPA issued the Light Duty Vehicle Rule, which regulates CO2, among other greenhouse gases, as a 'regulated pollutant,' under the Clean Air Act. Further, EPA's recently issued the Tailoring Rule that sets new greenhouse gas thresholds for major sources and new significance thresholds for existing sources making modifications. These regulatory programs are starting to grow. Much like a newly planted tree, their full effects will not be noticeable until sometime in the future.

What does all of this mean? There is not a better time to become a more active member of the A&WMA Upper Midwest Section. A&WMA provides the forum for an open exchange of ideas and science pertaining to regulatory changes. As these regulatory programs continue to grow, A&WMA will provide you and your company with the necessary 'fertilizer' to fully blossom in the future.

Keep an eye on our website for 2010 for newly emerging programs and events

INFORMATIONAL "FACTS"...

- ❖ A&WMA Scholarships available – visit: <http://www.awma.org/awards/index.html>
- ❖ A&WMA offers Organizational Memberships that may benefit you and your organization – visit: http://www.awma.org/join/member_categories/index.html

A&WMA PAST EVENTS...

GHG Reporting Rule

On January 21, the Upper Midwest Section hosted a session on the newly effective Greenhouse Gas Reporting Rule. Presentations were given by several industries, including Great River Energy, Flint Hills, G&K Services and Southern Minnesota Beet Sugar Coop. It was extremely interesting to hear how each entity interpreted the rule and developed monitoring and measure programs, as applicable, for their respective companies. We especially appreciate Barr Engineering for hosting this important event.

Board Speaker – GHG Monitoring and Reporting

On February 16, Karen Utt, Vice President of Conservis Advisory Services, graciously agreed to attend an Upper Midwest Section Board meeting as a guest speaker to present her perspectives on 'GHG accounting practices, carbon risk disclosures and Scope 3/product protocol road test.' This presentation was very timely given Karen's recent return from Copenhagen. Please visit our website for her slides.

<http://www.awma-ums.org/mtg021610.htm>

If you have ideas for board speakers and/or are interested in presenting a topic as part of regularly scheduled board meetings, please contact Greg Archer garcher@grenergy.com

Air Permitting 101

On April 21, the Upper Midwest Section hosted an all day session on Air Permitting 101. This session was designed to cover key air regulations for new professional in the industry as well as veterans desiring a refresher. Presentations were given by regulators, consultants and industry on a wide range of requirements. We especially want to thank our presenters for preparing their perspectives. We also want to recognize AET for hosting this important event. For copies of the workshop presentations, please visit our website.

<http://www.awma-ums.org/mtg042110.htm>

If you enjoyed this event, please consider attending our Air Permit Monitoring session, which is tentatively planned for later in July. It will provide a nice compliment to Air Permitting 101 information. We anticipate reviewing specific air permit requirements in more detail in addition to plant based records in order ensure compliance with applicable regulations.

Regulating Greenhouse Gases under the Clean Air Act

On May 6, the Upper Midwest Section hosted a seminar on regulating greenhouse gases under the Clean Air Act. This event was particularly timely given the issuance of the Light Duty Vehicle Rule as well as Tailoring Rule threshold proposals. Speakers were extremely knowledgeable and presented many policy nuances, which are being considered at the federal level. We greatly appreciate our technical experts for working on this event and also want to recognize Great River Energy as the event host. For copies of the presentations, please visit our website.

<http://www.awma-ums.org/mtg050610.htm>

Licensing for Young Professionals

On May 27, the Upper Midwest Section hosted a webinar on Licensing for Young Professionals at the University of Minnesota. Following the webinar, there was a lively discussion on PE certification process and the QEP, which was lead by our newly elected chair of the Young Professional committee, Jen Cowman, with support from Nancy Glass, Xcel Energy. The UMS will continue to provide sessions and materials to support our young professionals. If you are a young professional and want to get more involved in our organization, please contact Jen Cowman. jmcowman@mmm.com

MEMBERSHIP HIGHLIGHTS

In terms of membership highlights, we are proud to report that our membership continues to be strong at approximately 200 members in 2010. This is extremely significant given the tough economic environment in which all expenditures, including professional memberships, are closely scrutinized. It speaks to the value that we provide to our members. In 2009 and 2010, we have actively sought to keep event prices low, and have even provided free webinars and topical sessions, as explicit examples of the value that we provide for our members. Finally, we continue to grow our student and young professional membership. In the fall of 2009, we added several student members following an Environmental Careers seminar. Further, our board passed a motion in April to allow any self-paid student member with free access to our events, subject to incidental fees such as lunches/parking, and excluding the annual Conference on the Environment. Finally, we recently elected a young professional chair who is Jen Cowman from 3M to direct activities for this demographic. It is vitally important for our organization to encourage early and active participation from students and young

professionals. As future environmental leaders, their involvement is critical to our organization's long term success.

EDUCATION HIGHLIGHTS

The A&WMA UMS Education Committee completed an Environmental Challenge as part of last year's Conference on the Environment (COE). Undergraduate college students were presented with a topical, environmental "problem" to solve. The problem was published in late August 2009. The undergraduate teams were then invited to develop a solution that included a written proposal, which was submitted and reviewed/scored prior to the conference.

Teams were scored on their written proposal and presentation. Scores were based more on their logic, process, creativity, and ability to address political and social issues than on technical strength and detail associated with the environmental challenge. Awards were provided for the top team!

Like last year, plans are moving forward again for this year's Conference on the Environment. The Education Committee has been working on draft problem statement since early spring. They also conducted a webinar to discuss the Student Environmental. The webinar slides are posted on our homepage.

<http://www.awma-ums.org/>

If you know of undergraduates students, who may be interested in participating, please contact Chandler Taylor at CTaylor@barr.com.

HOT REGULATORY TOPIC – BOILER MACT STANDARDS

On June 4, 2010, EPA proposed 4 new rules. Two rules propose to regulate Hazardous Air Pollutants (HAPs) from both area and major sources of Industrial, Commercial and Institutional Boilers (Boilers) and process heaters under Section 112 of the Clean Air Act. The other two rules propose to amend performance standards for Commercial and Industrial Solid Waste Incineration (CISWI) units under Sections 111 and 129 of the Clean Air Act and to establish a framework for the definition of secondary materials, such as biomass and pulp/paper residuals, as "fuels" under Section 112 instead of solid wastes under Section 129. We are still reviewing these rules and anticipate hosting a session sometime later this year. If you are interested in this topic and/or have a perspective that you would like present, please contact Greg Archer garcher@grenergy.com.

A&WMA-UMS 2010 UPCOMING PROGRAMS...

Your Upper Midwest Section is considering new topics for the remainder of 2010 and into 2011. As always, we welcome your program suggestions. If you, or your organization, are interested in hosting an event, please let us know by contacting Kristie at kbcandyivy@baldwin-telecom.net. Additional details on these programs will follow via emails.

MONTH	TOPIC
January 2010	GHG Reporting Rule
February 2010	Board Speaker – Karen Utt, Conservis, GHG Monitoring and Reporting
April 2010	Air Permitting 101
May 2010	Light Duty Vehicles, Endangerment Finding, Tailoring Rule, GHG BACT Permitting, Climate Change Work Group Updates
May 2010	Licensing for Young Professionals
June 2010	Board Speaker – NAAQS and MN Monitoring
July 2010	Air Permit Monitoring

August 2010	Mercury TMDL – Air and Water
September 2010	NAAQS – SO ₂ , NO _x , Ozone, PM _{2.5} Increment
October 2010	Facility Tour?
November 9, 2010	Annual Conference on the Environment

The *Mission* of A&WMA is to assist in the professional development and critical environmental decision-making of our members to benefit society

The *Purpose* of A&WMA is to promote better understanding of the problems of air and water pollution and waste management

AIR & WASTE MANAGEMENT ASSN. – UMS WEBSITE
Visit our website for the latest information at: <http://www.awma-ums.org>

KRISTIE BULTHUIS

ADMINISTRATIVE COORDINATOR

KBCANDYIVY@BALDWIN-TELECOM.NET

FALL 2010 NEWSLETTER

A&WMA

Upper Midwest Section



MESSAGE FROM THE CHAIR...

Greg Archer (garcher@grenergy.com)

Let's play random association - I was struck recently by three separate facts, which, when put together, reflect a sentiment shared by most in our organization.

First, there is a quote from the former EPA Air Chief, Jeff Holmstead, who commented on the current EPA's intent to update the National Ambient Air Quality Standards (NAAQS). "I can't think of any administration that has ever revised more than two of those.... The Obama Administration has basically said, 'We're going to review them all, and we're going to make them all more stringent.'" Not only has EPA issued proposed changes to NAAQS, but they have issued, or are expected to soon issue, numerous other rules in all environmental mediums. This environmental inflection point in time is relatively unequaled.

Second, I was struck by a comparison of the 'voluminous' environmental regulations as compared to the much less voluminous tax code. It can be argued that environmental regulations trump the tax code in complexity. We all know how complicated the tax code can be, and we also all know, with perhaps too much familiarity, how complex environmental requirements are and will continue to be.

Third, Utility CEOs list environmental requirements as one of the most pressing issue. When you add up these three seemingly random facts, you quickly realize the rapidly changing nature, complexity and overall importance of environmental regulations. I am sure that it is a sentiment shared by most in our organization.

If you have found yourself struggling recently with requirements from the federal register, there is good chance that your colleagues in A&WMA-UMS are struggling with the same issue. You should know that the A&WMA-UMS exists to provide an open forum for the exchange of information on air and waste environmental regulations. Check out our recent additions of Facebook and LinkedIn sites for our section. We hope these alternative communication tools will provide yet another forum for the open exchange of ideas. Our member base is extremely deep and their environmental knowledge is even deeper. By tapping into our collective resources, we can better understand current and pending environmental requirements for our businesses. There is not a better time to become a more active member of the A&WMA Upper Midwest Section.

Please do not hesitate to contact me, or anyone on our board, if you are struggling with an issue. It is most likely ripe for a seminar or a post to our new discussion boards. Don't forget to keep an eye on our website for newly emerging programs and events for 2011.

INFORMATIONAL "FACTS"...

- ❖ A&WMA Scholarships available – visit: <http://www.awma.org/awards/index.html>
- ❖ A&WMA offers Organizational Memberships that may benefit you and your organization – visit: http://www.awma.org/join/member_categories/index.html
- ❖ The Upper Midwest Section of the A&WMA is now on Facebook! Please find us at keyword **Upper Midwest Section of the Air and Waste Management Association** for all of the latest news about the organization.
- ❖ The Upper Midwest Section of the A&WMA is also on LinkedIn. Please join us at group name **Upper Midwest Section of the Air and Waste Management Association**.

A&WMA PAST EVENTS...

Light Duty Vehicles, Endangerment Finding, Tailoring Rule, GHG BACT Permitting, Climate Change Work Group Updates

On May 6th, the Upper Midwest Section hosted a seminar on regulating greenhouse gases under the Clean Air Act. This event was particularly timely given the issuance of the Light Duty Vehicle Rule as well as Tailoring Rule threshold proposals. Speakers were extremely knowledgeable and presented many policy nuances, which are being considered at the federal level. We greatly appreciate our technical experts for working on this event and also want to recognize Great River Energy as the event host. For copies of the presentations, please visit our website.

<http://www.awma-ums.org/mtg050610.htm>

Licensing for Young Professionals

On May 27th, the Upper Midwest Section hosted a webinar on Licensing for Young Professionals at the University of Minnesota. Following the webinar, there was a lively discussion on PE certification process and the QEP, which was led by our newly elected chair of the Young Professionals Committee, Jen Cowman, with support from Nancy Glass, Xcel Energy. The UMS will continue to provide sessions and materials to support our young professionals. If you are a young professional and want to get more involved in our organization, please contact Jen Cowman. jmcowman@mmm.com

Board Speaker – NAAQS and Minnesota Monitoring

The Upper Midwest Section hosted a special presentation at its Board meeting on June 15th. Kari Palmer, MPCA Research Scientist, presented the latest trends in criteria air pollutant emissions and ambient monitoring. She compared monitored pollutant concentrations to current and potential federal air quality standards and discussed the potential for certain areas of the state to move into non-attainment status for some federal standards. The related discussion touched on SIP development dates, potential early action by facilities to meet new standards, and technical criteria for determining attainment.

For a copy of the presentation, please visit our website.

<http://www.awma-ums.org/mtg061510.htm>

Air Permitting Monitoring

The Upper Midwest Section sponsored a seminar focused on Air Permitting Compliance. The seminar was held on Thursday, July 29. The speakers focused on monitoring and recordkeeping compliance related to Air Permit Compliance. This session included:

- An overview the fundamental components of an effective monitoring and record keeping program;
- Air permit compliance auditing overview;
- Permit compliance from the view point of an MPCA inspector; and
- The legal challenges/implications from new and emerging air regulations.

We would like to acknowledge our technical experts for working on this event. For copies of the presentations, please visit our website.

<http://www.awma-ums.org/mtg072910.htm>

Carbon Sustainability Webinar

On August 26, the Upper Midwest Section hosted a webinar entitled "Carbon: Sustainability, Strategies and Solutions," which is the third in a four part series, entitled, "Sustainability and Climate Change: From Compliance to Opportunity."

This was a discussion of the multi-dimensional perspective required to address carbon within a governance context, including:

- Leveraging existing governance structures to address carbon;
- Integrating sustainability into corporate strategy; and
- Aligning your operating model to ensure success.

We want to recognize Barr Engineering for hosting this important event.

Clean Air Transport Rule Webinar

On September 10, the Upper Midwest Section hosted a webinar on the Clean Air Transport Rule (CATR). Sam Napolitano of the EPA along with other EPA staff gave an overview of how the proposed program would work. The webinar also addressed the court concerns over the Clean Air Interstate Rule (CAIR). We want to thank the MPCA for hosting this webinar.

NAAQS – SO₂, NO_x, Ozone, PM_{2.5} Increment

On September 23, the Upper Midwest Section hosted a seminar covering recent and upcoming changes to the National Ambient Air Quality Standards (NAAQS). For the first time in decades, EPA promulgated new, more stringent ambient standards for nitrogen dioxide (NO₂) and sulfur dioxide (SO₂); with changes to the ozone standard due out yet this year. We also want to recognize American Engineering Testing for hosting this important event. Copies of the presentations will soon be available. Please visit our website.

<http://awma-ums.org/mtg092310.htm>

If you have ideas for board speakers and/or are interested in presenting a topic as part of regularly scheduled board meetings, please contact Greg Archer garcher@greenergy.com

MEMBERSHIP HIGHLIGHTS

In terms of membership highlights, we are proud to report that our membership continues to be strong at approximately 189 members in 2010. Our National organization has recently asked us to apply for a membership award, due to our section's superior success at our membership efforts. We appreciate your membership and will continue to work to maximize the benefits associated with A&WMA-UMS.

EDUCATION HIGHLIGHTS

The A&WMA-UMS Education Committee is once again hosting a Student Environmental Challenge as part of this year's Conference on the Environment (COE). Undergraduate college students will be presented with a topical, environmental "problem" to solve. The problem has been published and is posted on our website.

<http://www.awma-ums.org/>

Teams will be scored on their written proposal and presentation. Scores will be based on their logic, process, creativity, and ability to address political and social issues in addition to their technical strength and detail associated with the environmental challenge. The total prize amount is \$2500 for the winning teams!

If you have any questions, please contact Chandler Taylor at CTaylor@barr.com

YOUNG PROFESSIONAL HIGHLIGHTS

As discussed in our last newsletter, we created a new board position for Young Professionals (YP), which is being chaired by Jen Cowman, from 3M. Already, Jen has brought significant energy to this area. While attending ACE this year, she participated in a Young Professionals working group and has offered to use our Section as a guinea pig for testing YP efforts for nationals. In addition, she is in the initial stages of evaluating whether A&WMA-UMS should host another Qualified Environmental Professional (QEP) training in early 2011, which would be made available at no cost to current A&WMA-UMS members as an added value. Here is a link to more information on the QEP.

<http://www.ipep.org/cred-qep.html>

If you are interested in participating in the QEP training and/or taking the QEP exam next spring, please contact Jen (jmcowman@mmm.com) or Greg Archer (garcher@greenergy.com).

HOT REGULATORY TOPIC – STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)

What has your 'emergency generator' been up to lately? If you haven't heard, EPA has finalized a series of rules affecting internal combustion engines (ICE). There is the New Source Performance Standards (NSPS) IIII and JJJJ, for compression ignition (CI) and spark ignition (SI) engines, respectively. There is also the

complementary National Emission Standards for Hazardous Air Pollutants (NESHAP) ZZZZ, for stationary RICE at both major and area (minor) sources, as those terms are defined under the NESHAP. These rules have different requirements depending on the date of install, engine size, fuel, and use of the engine as well as the type of facility (major or area source under NESHAP) on which they are located. In general, RICE requirements can involve initial notifications, periodic maintenance such as oil/filter change, belt/air filter inspections, and associated recordkeeping in addition to post combustion controls and associated performance testing, for larger, non-emergency engines. Needless to say, if you own a combustion engine, you should review EPA tables and guidance documents to determine which requirements apply to you. Some requirements such as initial notification may have already passed. Other requirements such as combustion controls and performance testing may not be due until 2013.

In the 2009 A&WMA-UMS Hot Combustion Topics Event, Julie Miller of Barr Engineering Company covered these requirements. With recent regulatory updates, including permitting and potential NAAQS modeling implications, we believe it is time for an update, informational seminar. If you are interested in this topic, please contact Greg Archer at garcher@grenergy.com.

A&WMA-UMS 2010 UPCOMING PROGRAMS...

Don't forget to register for the 2010 Conference on the Environment . . .

It is on Tuesday, November 9, 2010!

<http://www.cswea.org/minnesota/events/>

Contact Eric Lecuyer [cswea@ymail.com] if you need assistance with on-line registration!

Your Upper Midwest Section is considering new topics for the remainder of 2010 and into 2011. As always, we welcome your program suggestions. If you, or your organization, are interested in hosting an event, please let us know by contacting Kristie at kbcandyivy@baldwin-telecom.net. Additional details on these programs will follow via emails.

MONTH	TOPIC
October 28, 2010	St. Paul District Energy
November 9, 2010	Annual Conference on the Environment
December 2010	Board By-Laws
January 2011	Landfill Operator Training

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The *Purpose* of A&WMA is to promote better understanding of the problems of air and water pollution and waste management

AIR & WASTE MANAGEMENT ASSN. – UMS WEBSITE

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