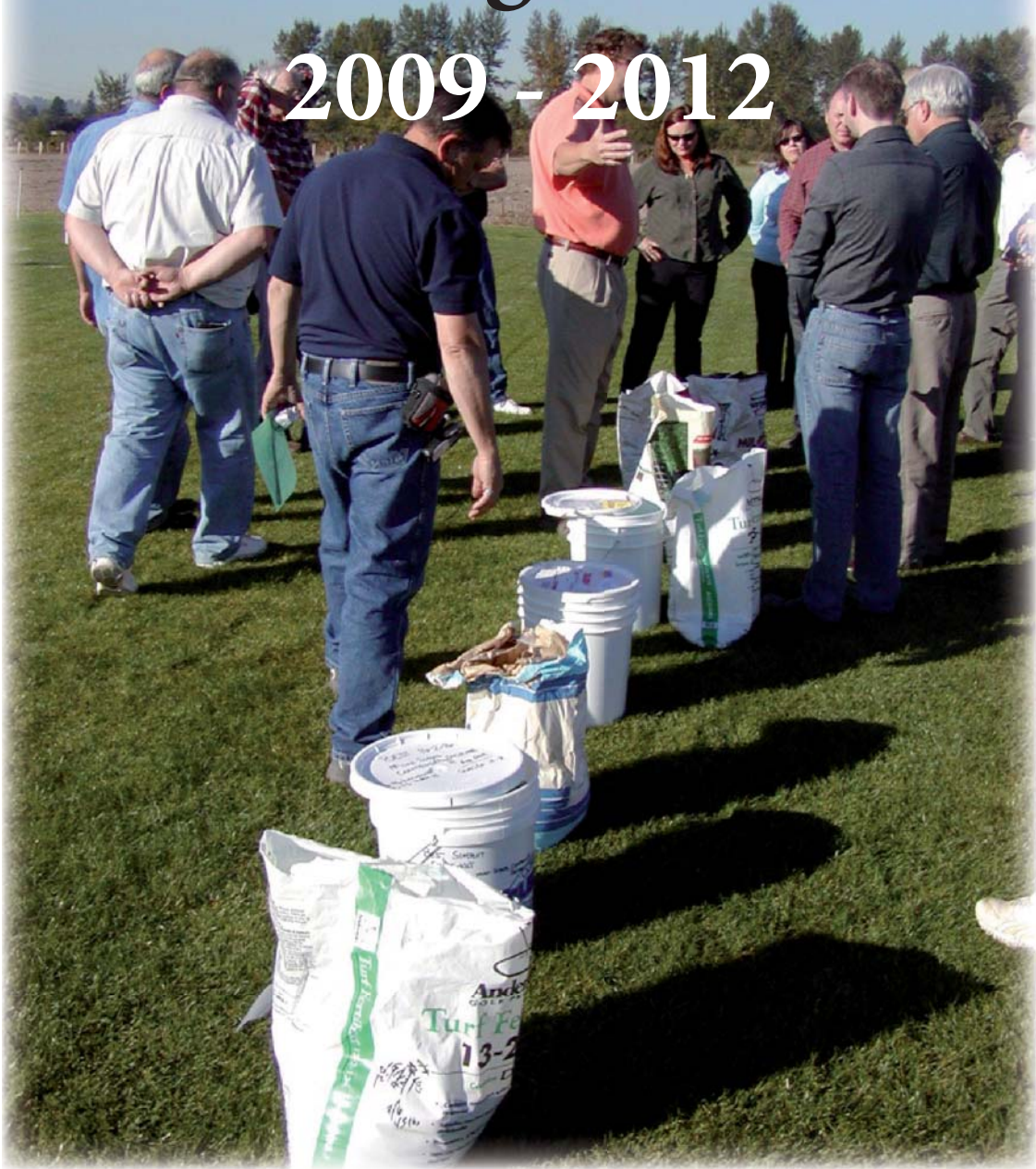


Northwest Biosolids Management Association

Strategic Plan

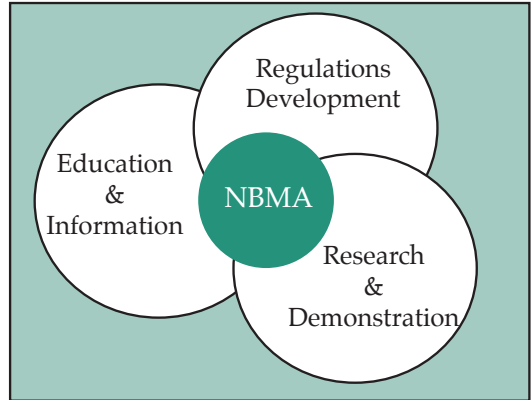
2009 - 2012



Who is the Northwest Biosolids Management Association?

The Northwest Biosolids Management Association (NBMA) is a group of more than 200 public agencies, sewer districts, and private companies in Washington, Oregon, Alaska, and British Columbia. Since 1987, NBMA members have worked together to inform & educate themselves and others about advancing environmental sustainability through the beneficial use of biosolids.

**The NBMA is
the hub for
biosolids activities
in the Pacific Northwest.**



How is NBMA Structured?

The NBMA is funded by dues and contributions from its members. The association is guided by an elected board of directors, maintains a small staff, and accomplishes tasks through standing committees. The NBMA has cooperative agreements with the following research institutions to further biosolids technical expertise in the region: *University of Washington, Washington State University, Oregon State University and University of Arizona - Water Quality Center*. Almost half of the NBMA's annual budget is dedicated to biosolids research.

Mission - *What we strive to achieve*

The NBMA advances environmental sustainability through beneficial use of biosolids

Vision - *Where we want to be*

People in the Pacific Northwest recognize biosolids recycling as a safe, sustainable, environmental benefit.

NBMA members involve customers and stakeholders in developing valuable and innovative biosolids products that meet their needs.

NBMA members are respected resources for the public, regulators and municipalities on biosolids.

Values - Principles that guide our organization

Leading By Example

We provide a model for collaboration among regulators, universities, public and private agencies and the community. Our members serve as models of best practices in the field of biosolids management.

Support for Research

NBMA funds research as it is the key to understanding biosolids recycling and the basis for developing safe, practical beneficial reuse options and regulations.

Practicing Environmental Stewardship

NBMA members perform a vital public health service by treating wastewater and recycling treated resources back into soils and waters. We advocate biosolids management options that preserve and enhance the environment, while ensuring that our biosolids products provide real environmental value.

Staying Aware & Responsive

Recognizing that perception is reality, NBMA members consult and listen to the public and other stakeholders. We respond to concerns with openness, understanding and information.

Meeting the Challenge

Our members provide an inclusive network of support for biosolids recycling. We challenge ourselves to fulfill our mission with excellence and integrity.

Strategies - Broad approaches to our work

Emphasize Sustainability

Highlight the use of biosolids as a tool for environmental and economic sustainability.

Strengthen our Network

Create a strong, knowledgeable organization by developing current and future NBMA leaders.

Stay Relevant

Support research and member education on viable biosolids management options that interest NBMA members.

Increase Visibility

Identify opportunities to publicize the benefits of biosolids and strengthen NBMA and its members as key sources of information.

What people have to say about the NBMA

"Every time I go to BioFest, I get energized. I can hardly wait to get back to work to share what I've learned. Our agency even set up a booth at a few local conferences to share information on our biosolids program and network with potential customers. Without the resources and assistance provided by the NBMA, I wouldn't even know where to start or what to present.." - Tim Cooper, City of Yakima, Washington

"The NBMA has national and international leaders in biosolids research and policy, and what you hear from those experts are practical implications for biosolids management. That is a special skill and one that has been a great help to our biosolids program." - Chris Bailey, City of Albany, Oregon

"The NBMA has proven to be a valuable asset for Natural Selection Farms. Having access to the results of NBMA's university research projects is a proactive approach to the management of biosolids recycling. Networking contacts, research collaboration and information transfer has been a vital resource for our everyday operations. This alliance of research and practical application has been a gateway to transform paradigms and bring creative concepts like 'biosolids to biodiesel' into reality." - Ted Durfey, Natural Selection Farms, Sunnyside, Washington

"SYLVIS has been actively involved in the NBMA since 1987 and the first Regional Sludge Management Cooperative Conference – "SludgeFest". Through our involvement, SYLVIS has enjoyed many leadership and network opportunities. We have also had the opportunity to learn from our NBMA colleagues and share our knowledge and experience with beneficial reuse options such as greenhouse gas mitigation, wetland development and establishment of public / private partnerships for mutually beneficial biosolids use." - Mike Van Ham, SYLVIS Environmental, New Westminster, British Columbia

"The NBMA is a remarkably effective coordinating body, providing over 100 biosolids producers from all over the northwest a platform to communicate concerns and discuss needs. This has resulted in a better educated and unified group of wastewater agencies dedicated to effective and environmentally sound utilization of biosolids." - Rob Lowe, Pierce County, Washington

"The NBMA continues its stellar role of advocating and supporting top quality biosolids recycling programs and research. Today, as much as when the Association was founded in 1987, there is a need for independent research on pollutants of concern, public education and outreach, and a network to share accomplishments and challenges that are inevitable when recycling biosolids. NBMA meets those needs effectively, never losing sight of the power of biosolids to replenish depleted natural resources, create energy, fertilize fields and gardens, and remediate soils." - Nora Goldstein, BioCycle Magazine

The NBMA Story



Long-Term Goals - *Results of our activities*

- Provide a regional voice in the Pacific Northwest for reporting biosolids successes and concerns.
- Inform members, regulators, and the public about current biosolids management issues.



- Present high quality educational events for members, regulators and the public.
- Participate in the development and implementation of local, state and federal regulations.
- Collaborate with research institutions to advance the science of biosolids recycling.



- Broaden the use of biosolids products through consideration of stakeholder needs.
- Promote operating excellence among NBMA member organizations.



- Increase participation of NBMA members in NBMA-sponsored activities.
- Provide members with practical options and solutions through proactive education, research, and demonstration.

How can I get involved with the NBMA?

Participate in NBMA Activities

- Join any of the six NBMA Committees:
 - Annual Conference Planning
 - Biosolids Quality
 - Continual Improvement Systems
 - Information and Education
 - Regulatory Development
 - Research and Demonstration

The NBMA relies on the work by its volunteer committees. You are encouraged to participate on any committee.

Host a Tour or Meeting

- Has your facility installed a biosolids treatment process other members would be interested in? Is there a biosolids research project that you would like to share? Hosting a meeting or tour is a great way to share what your agency is doing with others - creating a more informed biosolids network.



Present Services at a Meeting

- Describe the services your company offers at one of the NBMA's meetings.
- Host a tour of a facility showcasing your biosolids management equipment or services.

Share Your Story

- The NBMA publishes a monthly e-newsletter, the *Biosolids eBulletin*, that features biosolids news such as research short stories or member spotlights and calendar of events. Sign up at www.nwbiosolids.org

Submit a story on your biosolids project or process. Sharing your agency's experiences helps to strengthen this regional network.



NORTHWEST BIOSOLIDS MANAGEMENT ASSOCIATION

201 S. Jackson St., KSC-NR-0512, Seattle, WA 98104-3855 USA; Phone (206) 684-1145



Mission: Advancing environmental sustainability through the beneficial use of biosolids

Picture (above): Bioaerosols in land-applied biosolids research conducted in King County, WA.
Picture (cover): NBMA presents Dry Biosolids Products research on turf grass in Puyallup, WA.



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NBMA Committee Goals

NBMA Long Term Strategic Goal	Committee Goals
<p>Provide a regional voice in the PNW for reporting biosolids successes and concerns</p>	<p><i>Goal:</i> Provide knowledge of current topics and expose members to new opportunities (Conference Planning Committee).</p>
<p>Inform members, regulators, and the public about current biosolids management issues</p>	<p><i>Goal:</i> Provide members with detailed information on the programs of other members (Information & Education Committee).</p> <p><i>Goal:</i> Increase and diversify membership to build and maintain institutional knowledge and broaden perspective (Regulations Development Committee).</p> <p><i>Goal:</i> Keep membership up to date on local and national biosolids regulations (Regulations Development Committee).</p> <p><i>Goal:</i> Keep membership up to date on research findings, highlighting emerging concerns and benefits (Research and Demonstration Committee).</p>
<p>Present high quality educational events for members, regulators and the public</p>	<p><i>Goal:</i> Assist the R&D Committee with field days and demonstrations (Information & Education Committee).</p>
<p>Participate in the development and implementation of local, state and federal regulations</p>	<p><i>Goal:</i> Increase visibility with regulators (Regulations Development Committee).</p> <p><i>Goal:</i> Evaluate and submit comments on state, provincial and federal policy and rulemaking impacting biosolids land application (Regulations Development Committee).</p>
<p>Collaborate with research institutions to advance the science of biosolids recycling</p>	<p><i>Goal:</i> Develop and fund research plans with NBMA-affiliated universities (Research & Demonstration Committee).</p> <p><i>Goal:</i> Promote and exchange information between NBMA/University affiliates and national/international biosolids research community (Research & Demonstration Committee).</p>

NBMA Long Term Strategic Goal	Committee Goals
<p>Broaden the use of biosolids through consideration of stakeholder needs</p>	<p><i>Goal:</i> Ensure that the conference topics are relevant to the interest of the membership (Annual Conference Planning Committee).</p>
<p>Promote operating excellence among NBMA member organizations</p>	<p><i>Goal:</i> Provide members with pertinent biosolids quality information about the total process of producing quality biosolids products that meet the needs of the member's customers, with a focus on continual improvement in biosolids product quality (Biosolids Quality Committee).</p> <p><i>Goal:</i> Provide a forum for interested agencies to share learning experiences and tools to make it easier to establish or refine their system (ISO, EMS, CMOM, etc.) for managing continual improvement (Continual Improvement Systems Committee).</p> <p><i>Goal:</i> Assist members in complying with state and federal laws (Regulations Development Committee).</p>
<p>Increase participation of NBMA members in NBMA-sponsored activities</p>	<p><i>Goal:</i> Use the annual conference to increase the visibility of the NBMA (Conference Planning Committee).</p> <p><i>Goal:</i> Encourage involvement by a greater number of NBMA members (Information & Education Committee).</p>
<p>Provide members with practical options and solutions through proactive education, research and demonstration</p>	<p><i>Goal:</i> Inform members of technology practices (Information & Education Committee).</p> <p><i>Goal:</i> Provide members with technical consultation (e-mail or on-site) as requested (Research & Demonstration Committee).</p> <p><i>Goal:</i> Design research and demonstration projects to meet member needs (Research & Demonstration Committee).</p>