



United States
Environmental Protection
Agency

Nomination Guidance

2002 Biosolids Exemplary Management Awards Program

For: Operating Projects,
Technology Development,
Research, and
Public Acceptance

Section 501(e) of the Clean Water Act (CWA) authorizes a program for recognizing excellence in waste treatment and pollution abatement programs. The biosolids awards are a part of the 2002 CWA Recognition Awards Program that recognizes significant contributions in the development and implementation of cost-effective, environmentally safe and publicly acceptable biosolids management practices.



Municipal Technology Branch
U.S. Environmental Protection Agency
EPA East
1201 Constitution Avenue, NW (Mail Code 4204M)
Washington, DC 20004

Internet: See Section III and Appendix B at
<http://www.epa.gov/owm/muni.htm>

Office of Water
EPA 832-B-02-002
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INVITATION TO PARTICIPATE IN THE 2002 BIOSOLIDS EXEMPLARY MANAGEMENT AWARDS PROGRAM

The United States Environmental Protection Agency (EPA) is pleased to announce the 2002 Biosolids Exemplary Management Awards Program. This year's program recognizes excellence in all areas of municipal biosolids management, including outstanding operating projects, research, technological advances, public acceptability, and risk and cost reduction activities.

EPA encourages you to submit nominations. The very process of preparing a nomination package is beneficial. It helps preparers focus on the relevance of their efforts and facilitates the spread of knowledge about the excellence of nominated activities so that others might benefit. Transferring this knowledge is very important so please do not miss this opportunity to submit your nomination.

EPA encourages states and regions to have local Biosolids Exemplary Management Awards Programs. These increase the opportunity for recognition, promote public understanding of good biosolids management at the local level, and emphasize the benefits and sound science behind exemplary management. Water Environment Federation (WEF) Member Associations, the National Biosolids Partnership (NBP), and regional biosolids management associations are encouraging nominations for this year's awards program. Please note the current categories and criteria that allow for the recognition of a broad spectrum of programs with sound management, effective communication to stakeholders, and community-friendly practices. The recognition offered by this enhanced awards program is consistent with the new National Biosolids Partnership Environmental Management System for Biosolids (EMS) which we hope that all biosolids managers will want to implement.

The following material describes the awards program in detail and provides guidance for preparing and submitting nominations. Please note that you need to send your nominations to the EPA's Regional Offices by the deadlines specified in this document so that your outstanding efforts can be considered for both regional and national competitions. The National awards will be presented on September 30, 2002, at the Annual WEF Conference and Exposition (WEFTEC) in Chicago, Illinois.

AWARD CATEGORIES

Nominations will be accepted for recognition of excellence in a wide range of activities that have stimulated the exemplary management of municipal biosolids. National awards may be presented in the following categories:

- # **Operating Projects (large & small).** Outstanding, full-scale, exemplary management technologies.
- # **Technology Development Activities.** Significant technological improvements developed and fully proven at the operational level; these may be pilot or full-scale activities.
- # **Research Activities.** Studies that have substantially contributed to an improved understanding of biosolids management practices, reduced risks and costs, improved public acceptance, and/or have advanced the technology.
- # **Public Acceptance Activities (municipal & others).** Significant local, regional, and national activities that have increased public acceptance of biosolids management practices.

NOMINATION AND AWARD INFORMATION

- # Nominations for awards may be submitted by anyone including the nominee, EPA regions, states, WEF member associations, municipalities, consultants, researchers, or other interested parties.
- # Nominated entries may include both individuals and groups from private as well as public organizations.
- # As these nomination packages are prepared, it is important to tell the story in a manner that clearly shows the benefits of exemplary management, including how the activity reduced public concern. This information can often be utilized locally in press releases, brochures and other outreach activities.
- # Previous first-place winning projects or activities will not be considered as candidates for the same award category for a five-year period. However, second place winners can reapply after a one-year wait to try for first place in the same award category. Unsuccessful nominees for awards may apply for an award the very next year. Persistence has paid off for many nominees who have won awards after several years of attempts and

improved nomination packages.

- # Check with your regional EPA office for any details about a possible local awards competition in your state.
- # For consideration in the National Awards Program, completed nomination packages (see specified format pages 7 & 8) must be received in duplicate by the EPA region in which your activity/project is located (pages 10 & 11).
- # The tentative regional deadlines for receipt of nominations are shown on page 9. Important--Please check with the appropriate regional office contact (page 10) for any region-specific nomination guidance and for that region's final submission deadline.
- # Entries will be considered for state and regional awards (where applicable) as well as national awards. Regions will forward one copy of each qualified nomination package to EPA Headquarters by the May 31, 2002, national deadline.
- # Nomination packages (received for the national competition) will be reviewed by a panel consisting of representatives from EPA, WEF, and other groups using the evaluation criteria (see pages 5 & 6) during July 2002. The panel recommends winning activities to EPA which, in turn, will make final selections. State and EPA regional offices (where applicable) will also review the nominations for a separate competition in their region. Because the national and regional award programs involve separate review panels and because all qualified entries may be considered in both competitions, it is possible that winners in the national awards program may differ from the regional award winners.
- # Nominated activities may sometimes be chosen for special recognition rather than a categorical award.
- # Winning projects must be in full compliance with applicable regulations. EPA will review the panel's recommendations for compliance with regional and headquarters compliance offices before winners are announced.
- # We anticipate being able to notify national award winners by July 31, 2002.
- # National awards consisting of a certificate and plaque will be presented on Monday, September 30, 2002, at the WEFTEC Annual Conference in Chicago, Illinois. Because of fiscal constraints, EPA is unable to pay for travel to the awards program. While we hope that you will attend the

National Wastewater Management Excellence Awards Ceremony in Chicago, separate arrangements will be made to present awards to those unable to attend.

- # Short articles describing national award winning exemplary management activities will be developed by EPA and WEF for publication in WEF's *Operations Forum*. Subsequent publications describing those regional as well as national activities will be encouraged. Photographic prints and analysis of both winning and non-winning entries will be used in EPA publications that encourage exemplary biosolids management practices. Please send photographic prints and not color zerox as zerox copies cannot be used in publications.**

EVALUATION CRITERIA

The Biosolids Exemplary Management Award candidates will be evaluated against the following criteria:

FOR OPERATING PROJECTS [Two Categories: (1) \leq 5 dry tons per day {DTPD} and (2) $>$ 5 DTPD] (Note: Categorization is based upon the actual average daily biosolids production and not the design capacity.)

- # Sustained, full-scale, proven operation over several years.**
- # Consistent, cost-effective operation.**
- # Public acceptance.**
- # Compliant with applicable federal, state, and local regulations.**
- # Reduced risk.**
- # Conservation of natural resources (e.g., nutrients, organic matter, and energy) and control of pollutants and nuisances like odor, dust and traffic.**
- # Excellence in project management, and particularly management that fosters close communication and coordination among all biosolids stakeholders including the generator, end-user where applicable, project neighbors and public.**

FOR TECHNOLOGY INNOVATION OR DEVELOPMENT ACTIVITIES

- # Sustained excellence in advancing our knowledge of technologies that manage biosolids (e.g., improved design criteria or operational practice).**
- # Technology with potential for use elsewhere across the country.**
- # Operational proof of performance.**
- # Resolved previous biosolids management or utilization problems and have helped gain public acceptance.**

FOR RESEARCH ACTIVITIES

- # Greatly improved our understanding of the environmental effects associated with biosolids management.
- # Contributed substantially to development of improved design and operation.
- # Generated key information for the development of improved biosolids regulations and guidance.
- # Provided quality information from well-designed studies with wide applicability and statistical merit.

FOR PUBLIC ACCEPTANCE [Two Categories: (1) Municipalities (2) All Others]

- # Demonstrated increases in both public acceptance and public demand. The term "*public*" is meant to include regulatory agencies, agricultural organizations, water quality professionals, public health officials, environmentalists, academic institutions, and the news media as well as the general public. Indicators of "*demand*" include such factors as waiting lists and users paying for biosolids.
- # Dedicated and successful individual and team efforts.
- # Demonstrated willingness to share information and approaches for improving practices, reducing risks and thereby gaining public acceptance.
- # Successful approaches for working with the press and other groups, explaining the benefits of the chosen biosolids management activity, cultivating and gaining allies, and disproving alarmist rumors that may arise.
- # Excellence in local information transfer and training efforts that have made a positive local difference, (e.g., on-site demonstrations and collaborative efforts involving municipalities, citizens, universities, and others).
- # Characterized by managers who work with all stakeholders to identify and utilize critical control points for ensuring sound management and community-friendly practices.

NOMINATION FORMAT

The information described in the Nomination Format should be supplied in the nomination package. The completeness of information provided and the manner in which the nomination addresses the Evaluation Criteria in both the Executive Summary and the text is especially important.

All nominations must be submitted in duplicate in the following format to the appropriate EPA Regional Office (see pages 10 & 11).

1. IDENTIFYING INFORMATION (See sample front page form on page 9)

Name, address, affiliation, telephone and fax numbers, NPDES number (if applicable), and the spokesperson for the project or activity. Please also provide the name and addresses of your government officials so they may be notified should your entry win an award.

2. EXECUTIVE SUMMARY (2 pages or less)

Describe the project or activity indicating the award category for which the nomination is proposed and how you believe it meets the evaluation criteria.

3. FACILITY/ACTIVITY INFORMATION (4-5 pages)

Provide the following relevant information, if applicable, to adequately support the nomination.

- (a) Biosolids type, quantity (expressed as tonnage of dry solids processed per day, week or year), quality (nutrient and pollutant concentrations compared with Part 503 Table 3 pollutant concentration limits), processing information, and other details relevant to the exemplary management practice or activity. Be specific regarding the unit processes, including biosolids production and processing details. Account for the types and amounts of biosolids going to each beneficial use and/or disposal practice.
- (b) Duration and size of the project or activity; extent of ability to operate at design level; and cost and effectiveness information.
- (c) Description of the project monitoring program as it determines compliance; keeps the public informed of biosolids transport, use or disposal; evaluates performance; and helps modify practices.

- (d) Description of the contributions of the cooperating parties to the biosolids management project or activity.**

- (e) Provision of sufficient information, including the NPDES permit number if applicable, so that the awards judges and EPA compliance assurance staff can determine the compliance of nominated projects with applicable local, state, and federal regulations.
- (f) Description of important project management activities that maintain and promote excellence and maximize the benefits of sound biosolids management, (e.g., hold down costs; improve biosolids quality; use a written code of good practice or other means to promote compliance with rules, manage nutrients and minimize odors and other nuisances; and promote acceptance via working with allies, press and the public).
- (g) Description of training activities that have improved operations, performance, and public acceptance.
- (h) Description of the effectiveness of the local pretreatment program that has resulted in better quality and easier management of biosolids.
- (i) Description of special innovative practices or activities.
- (j) Discuss how obstacles (technical, political, public acceptance, or other) have been overcome as a result of the nominated activity.
- (k) Give evidence of the enhanced benefits that have resulted from the activity, such as lower costs for biosolids management; lower energy consumption; fewer public health and environmental risks; greater national adoption of practice; improved public acceptance; and, where applicable, user payments for biosolids, enhanced soil properties, better crop productivity and quality, enhanced plant disease resistance, and increased demand for biosolids products.

4. ATTACHMENTS

Supporting materials may be attached. The attachment should include a short cover index page that lists the various supporting materials and gives about a 4- to 6-line description of each item.

Photographs of the activity are strongly encouraged. Actual photographic prints are better than Xerox copies, since only the photographic prints are suitable for publications. EPA and others would like to use your prints in publications that illustrate and provide greater recognition of your activity.

Note: Sheer bulk of information is not necessary or definitive. Be concise

and attach items that truly substantiate the importance and relevance of the beneficial use project or activity. Please do not send materials that you wish to have back. They cannot be returned.

SAMPLE FRONT PAGE (2002 Biosolids Management Awards Program)

I. Proposed Award Category _____

II. Facility Identification Name

a) Official Name and Address of Award Entity to be Engraved on Plaque and Certificate _____

b) Type of Ownership _____
(e.g., corporate, private or public, university, etc.)

Zip Codes of Service Area _____
(used to notify US Representatives)

c) Contact Person Regarding the Nomination _____
Their Title, Address, Telephone and Fax No. _____

III. Award Notification

a) Name, Title, Address and Telephone and Fax Numbers of Local Officials (e.g., Mayor, Authority Board President, Corporate President, Department Chairman, etc.) of the person to be notified:

b) Federal and State Political Notifications

US Senators & Representatives (list names only) _____

State Governor's Name & Address _____

c) Other _____

IV. One Sentence Description

Lists the Most Significant Noteworthy Features of the Operation/Activity

TENTATIVE REGIONAL DEADLINES FOR NOMINATIONS

EPA Region	Tentative * Deadline Dates	States
1	05-24-02	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2	03-15-02	New Jersey, New York, Puerto Rico, Virgin Islands
3	05-24-02	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia
4	05-24-02	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee
5	05-24-02	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin
6	05-24-02	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
7	05-24-02	Iowa, Kansas, Missouri, Nebraska
8	05-24-02	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
9	05-24-02	Arizona, California, Hawaii, Nevada, American Samoa, Guam
10	05-24-02	Alaska, Idaho, Oregon, Washington

***These deadline dates for receipt of award nomination packages are tentative. Please check with your Regional Office for verification.**

EPA REGIONAL CONTACT: (See List of States in Each Region, Page 10)

Region	Address	Contact	Telephone	E-mail
1	Office of Ecosystems Protection One Congress Street, Suite 1100 Boston, MA 02114-2033	Thelma Murphy (CMU)	617-918-1615 Fax: 617-918-1505	Murphy.thelma@epa.gov
2	Division of Enforcement and Compliance Assistance 290 Broadway, 20th Floor New York, NY 10007-1866	Alia Roufaeal	212-637-3864 Fax 212-637-3953	Roufaeal.alia@epa.gov
3	EPA Water Protection Division 1650 Arch Street (3WP23) Philadelphia, PA 19103-2029	Jim Kern	215-814-5788 Fax: 215-814-2318	Kern.jim@epa.gov
4	EPA Water Management Division Sam Nunn Atlanta Federal Center 61 Forsyth St., SW Atlanta, GA 30303-8960	Jim Adcock	404-562-9248 Fax: 404-562-8692	Adcock.james@epa.gov
5	EPA Water Division (WN-16J) 77 West Jackson Chicago, IL 60604	John Colletti	312-886-6106 Fax: 312-886-7804	Colletti.john@epa.gov
6	Permits Section, Permits Branch Water Quality Protection Div. (6WQ-PP) 1445 Ross Avenue Dallas, TX 75202	Denise K. Hamilton	214-665-2775 Fax: 214-665-2191	Hamilton.Denise@epa.gov
7	901 North 5th St. (WWPD) Kansas Cith, KS 66101	Cynthia Sans	913-551-7492 Fax: 913-551-7765	Sans.cynthia@epa.gov
8	Biosolids Mgmt Program (8P-W-P) 999 18th Street, Suite 500 Denver, CO 80202-2466	Bob Brobst	303-312-6129 Fax: 303-312-7084	Brobst.bob@epa.gov
9	EPA Clean Water Act Compliance Office (WTR7) 75 Hawthorne Street San Francisco, CA 94105	Lauren Fondahl	415-972-3514 Fondahl.lauren@epa.gov Fax: 415-947-3537	
10	EPA NPDES Permits Unit (OW130) 1200 Sixth Avenue Seattle, WA 98101	Dick Hetherington	206-553-1941 Hetherington.dick@epa.gov Fax: 206-553-0165	

Also The Water Environment Federation

**Contact: Attention: Technical & Educational Services
601 Wythe Street, Alexandria, VA 22314**

703-684-2438

edemichele@wef.org

Fax:

703-684-2492

PREVIOUS NATIONAL BIOSOLIDS EXEMPLARY AWARD WINNERS

Category	Winner [Activity]	Award*/Year
Operating Projects (>5MGD)	Anne Arundel County, MD DPW [Lime Stab, Land Ap]	1st 2001
	San Jose/Santa Clara, CA WPCP [Ann Dig, Air Dry Landfill Cover]	2d 2001
	Merco Joint Venture, LLL, Sierra Blanca, TX [Contr Land Ap]	1st 2000
	Unified Sewerage Agency, Washington Co, OR [Arid Land Ap]	2d 2000
	Milwaukee Metropolitan Sewer Dist [Milorganite, land ap]	1st 1999
	City of Portland, OR [Comp & Land Use]	2nd 1999
	City of Tacoma, WA [Multiple, Team TAGRO]	1st 1998
	Western Carolina Regional Sewer Auth. [Multiple]	2nd 1998
	City of Houston, TX [Heat Dry & Land Ap Lime Stab]	1st 1997
	Ducket Creek San Distr., St Charles, MO [Land Ap Aerobic Dig]	2nd 1997
	King County, WA WPC Div [Farm & Forest]	1st 1996
	County San Distr of LA, CA [Diverse]	2nd 1996
	City of Austin, TX, [Multiple Uses]	1st 1995
	Tacoma Utilities Services, WA [Land Ap, TAGRO Soil Mix]	2nd 1995
	City of Los Angeles, CA [Multiple Uses]	1st 1994
	City of Columbus, OH [Multiple Uses]	2nd 1994
	Clayton Co, Water Authority, GA [Heat Dry, Comp.]	1st 1993
	City of Austin Water & WW Util, TX [Comp, Air Dr]	2nd 1993
	Charlotte-Mecklenburg Util. Dist., NC [Land Ap]	1st 1992
	Truckee Meadows Water Reclaim, Dist., CA [Land Ap]	2nd 1992
	City of Omaha, NE [Land Appl.]	1st 1991
	Miami-Dade, FL [Air Dry, Composting, Marketing]	2nd 1991
	Vallejo San. & Flood Control Dist., CA [Land Ap]	1st 1990
	Cape May County Mun. Util. Auth., NJ [Composting]	2nd 1990
	Hampton Roads, VA [Nutragreen - Land Ap., Comp.]	1st 1989
	Clayton Co., GA [Comp, Heat Dry, Tree Prod.]	tie2nd1989
	Pima County, AZ [Land Application]	tie2nd1989
	Seattle Metro, WA [Forest & Ag. Land Use]	1st 1988
	San. Dist of Los Angeles Co., CA [Composting]	2nd 1988
	Operating Projects (≤5 MGD)	Coity of Gresham, OR [Ann Dig, Land Use]
Lexington, NC Regional WWTP Compost Facility		1st 2000
Dekalb County, GA Pole Bridge Creek Adv Sec Trt Fac [Land Ap]		2nd 2000
City of Lenoir, NC Lower Creek WRF [blended Products]		1st 1999
City of Washington, NC Water Resources DPW [Land Ap]		2nd 1999
Blue Heron Water Recl Facility, Titusville, FL [Mixed]		1st 1998
Freemont, NB Wastewater Trt Facility [Liquid Land Appl]		2nd 1998
Univ. Joint Auth., State College, PA [Composting]		1st 1997
Summerville, SC [Liquid Land Appl]		2nd 1997
Newton, IA WPC Facility [Anaerob Land Appl]		1st 1996
Port Townsend, WA Biosolids Composting Facility		2nd 1996
Elizabethton, TN [Co-composting]		1st 1995
Chippewa Falls, WI [Land Appl by Injection]		2nd 1995
Cumberland County Util Auth, NJ [Land Appl]		1st 1994
City of New Smyrna Beach, FL [Land Appl]		2nd 1994
Lafayette Wastewater Trtment Plant, GA [Land Appl]		1st 1993
Chillicothe Munic Util WW Tmt Plt, MO [Liq Land Appl]		2nd 1993
The City of St. Peters, MO [Land Appl.]		1st 1992
The Sussex Co. Mun. Util. Auth., NJ [In-Vess, Comp]		2nd 1992
Alpena, MI [Revegetate Industrial Waste Site]		1st 1991
Blackfoot, ID [Land Appl., Outreach]		2nd 1991
Hannibal, MO, Bd of Pub. Works [Econ Land Ap]		1st 1990
Redwood San. Sewer Service Dist., CA [Co-Compost]		2nd 1990
Technology Development	King County, WA WPC Div [Forest Bios App System]	1st 1996
	WSSC Montgomery Co., MD Regional Compost. Fac. [Scrubber and Mixing Advances/Comp. Odor Cont]	1st 1992
	City of Lancaster, PA [Composting Odor Cont.]	2nd 1992
	N-Viro [Alkaline Stabilization of Sludge], OH	1st 1990

WSSC Montgomery Co., MD Regional Compost. Fac.
[Thermal Odor Control] 2nd 1990
Austin, TX [Accelerated Air Drying] 1st 1989
WSSC Montgomery Co. MD, Regional Compost. Fac.
[Chemical Odor Control] 1st 1988
Sussex Co., NJ [Compost Odor & Process Control] 2nd 1988
*1st and 2nd place awards are not always given

PREVIOUS NATIONAL BIOSOLIDS EXEMPLARY AWARD WINNERS (cont.)

Category	Winner [Activity]	Award*/Year
Research Activities	Poland Biosolids Smelter Waste Reclaim Proj, R III	1st 2000
	Littleton/Englewood, CO [Dryland Wheat]	1st 1999
	WSSC Montg Co, MD Comp Fac [Trt Plt Process/Odor]	1st 1998
	City of Phila. Water Dept, PA [Comp Opns & VOC's]	1st 1995
	Dr. Terry Logan, Ohio State Univ, OH	1st 1994
	Rocky Mt. Forest & Range Exp Sta, NM	2nd 1994
	Los Angeles County San Dist, CA [Comp Odor/VOC]	1st 1993
	Drs. Al Page & Andrew Chang, Univ of CA, Riv.	1st 1991
	Dr. Paul Giordano, Tenn Valley Authority, AL	2nd 1991
	Dr. Rufus Chaney, US Dept. of Agriculture, MD	1st 1990
	Dr. Michael Overcash, NC State University	2nd 1990
	Univ. of MN, USDA Research Team	1st 1989
	W124/W170 Regional Research Comm., USDA, CSRS	1st 1988
	Allentown, PA/Penn State U, Palmerton [Reveg]	2nd 1988
	Public Acceptance	City of Wyoming, Michigan [Municipal]
Western Carolina Reg Sewer Auth, Greenville, SC {Mun}		2nd 2000
Prowers County, CO [Many Groups, Other]		1st 1999
City of Warren, OH [Municipal]		1st 1999
Iowa Water Pol Cont Assoc, Ames, IA [Other]		1st 1998
Cartersville, GA [Municipal]		1st 1997
Memphis, TN, TE Maxson WW Trt Plt [Municipal]		1st 1996
City of Tacoma, WA [Municipal]		2nd 1996
New England Interstate WPC Commission [Other]		1st 1996
Rocky Mts. Water Environ Association [Other]		2nd 1996
Dr. Lee Jacobs, Mich State Univ., MI		1st 1995
Special Recognition	Hawk Ridge Compost Facility, ME [Multi Source Composting]	2001
	Climax Mo Co., Summit Co Biosolids Producers, Westvac Env Svc & Summit Co Recycling Proj [Reclaim High Alt. Mine Site]	2001
	Biocycle, J of Comp & Recycling, Emmaus, PA [Effective & Respons Journalistic Efforts Promoting good Science Practices]	2000
	NE OH Regional Sewer District, Cleveland, OH [Effective Use Waste Heat Boilers During Incineration]	2000
	Oregon Assoc of Clean Water Agencies & Oregon State Univ [Education & Training Program]	1999
	Philadelphia, PA Water Dept [Reclaim Strip Mines]	1998
	Lime Lake Reclamation Project [Priv Reclaim Indust Lands]	1998
	Tim Frank Septic Tank Cleaning Co [National Support Compliant Services]	1998
	Springfield, MA [Overcome Serious Odors/Acceptance]	1997
	Maine Compost Team, Augusta [Team Excellence]	1997
	Mountains to Sound Greenway Biosolids Forestry Program, WA [Stakeholders Use Biosolids Env Ben]	1996
	Environ. Waste Recycling Inc., NC [Pub Acpt & Opns]	1996
	Northwest Biosolids Mgmt Assoc, WA [Pub Acpt]	1994
	Maine Waste Water Control Assoc, ME [Pub Acpt]	1994
	Oyzboyd Environmental Svc, GA [Vert Bed Dewater]	1994
	City of Tampa, FL Hookers Point WW Trt. Plant [Optimizing Use of Digester Gas]	1992
	Dr. Arthur E. Peterson, Dept of Soil Sci, Madison, WI [Sludge Research in WI]	1992
	The College of Forest Resources, Univ of WA [Cooperative R&D, Appl to Forest Ecosystems]	1992

***1st and 2nd place awards are not always given**

PREVIOUS NATIONAL BIOSOLIDS EXEMPLARY AWARD WINNERS (cont.)

Category	Winner [Activity]	Award*/Year
Special Recognition (cont.)	Dr. Arthur E. Peterson, Dept of Soil Sci, Madison, WI [<i>Sludge Research in WI</i>]	1992
	The College of Forest Resources, Univ of WA [<i>Cooperative R&D, Appl to Forest Ecosystems</i>]	1992
	NutraLime, St. Paul, MN [<i>Incin. Ash + Water Treatment Sludge for Land Improvement</i>]	1991
	Metro. Water Reclam. Dist. of Greater Chicago [<i>Long Term Multiple Contrb. to Beneficial Use</i>]	1991
	BioGro Systems, Inc., MD [<i>Sustained Service & Enhanced Public Acceptance</i>]	1990
	City of Los Angeles, CA & Ag Tech Co., AZ [<i>Public-Private Team from Ocean Disp. to Ben Use</i>]	1989
	East Bay Municipal Utilities Dist., CA [<i>Sustained Contribution to Beneficial Use & Composting</i>]	1989
	Montgomery, AL Water Works & San Sewer Board [<i>L Ap</i>] (LOP)	2000
	Jefferson Co Comm, Birmingham, AL Beltona [<i>L Reclaim Prg</i>] (LOP)	2000
	City of Cinton, NC [<i>L Ap</i>] (SOP)	2000
Village Creek WW Trt Plt, Ft Worth, TX [<i>L Ap</i>] (LOP)	1999	
Pepper's Ferry Reg WWTa, Radford, VA [<i>L Ap</i>] (SOP)	1999	
Village Creek WW Trt Plt, Ft Worth, TX [<i>L Ap</i>] (LOP)	1998	
Greenville, NC Utilities Commission [<i>Spray Irrig</i>] (LOP)	1998	
Pole Bridge Creek San Dist, Dekalb Co, GA [<i>Land Ap</i>] (LOP)	1997	
City of Gastonia, NC [<i>Land Ap</i>] (LOP)	1997	
Letchworth Ave WWTP, Billerica, MA [<i>Comp</i>] (OP)	1997	
Winston-Salem, NC, Archie Elledge WWTP [<i>L A</i>] (LOP)	1996	
Littleton/Englewood, CO WW Trt Plt [<i>Dryland</i>] (LOP)	1996	
Louisville, CO WW Trt Plt [<i>Windrow Comp</i>] (OP)	1996	
Rochester Water Reclamation Plant, MN [<i>Pub Acpt</i>]	1996	
Bloomington & Normal Water Rec Dist, IL [<i>L AP</i>] (OP)	1995	
Knoxville, TN Util Bd [<i>Land Ap, Strip Mine</i>] (LOP)	1995	
St Charles MO River Trt Fac [<i>Land Ap</i>] (OP)	1995	
City of Salem, OR [<i>Land Ap</i>] (OP)	1994	
Broward County, FL [<i>Mkt & Product</i>] (Res)	1994	
Benton Harbor-St. Joseph, MI WW Trt Plt. [<i>L Ap</i>] (OP)	1992	
Madison, WI, Metro-Gro [<i>Land Use</i>] (LOP)	1988	
Lime Lakes, OH, PPG Corp. [<i>Priv. Svc. Reclaim Alk Site</i>] (OP)	1988	
Hannibal, MO [<i>Land Application</i>] (OP)	1988	
Bowling Green, KY [<i>Land Application</i>] (OP)	1988	
Fallbrook, CA [<i>Vermicomposting</i>] (TD)	1988	
Ohio State Univ, Wooster, OH [<i>Composting Biotech</i>] (Res)	1988	

*Special & Honorable Mention awards are not always given

