

ENTRY  
GUIDELINES  
AND  
INFORMATION  
FOR THE  
2010  
COMPETITION

*EXCELLENCE  
IN  
ENVIRONMENTAL ENGINEERING®*

American Academy  
of  
Environmental Engineers®

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## SUMMARY

The purpose of the Academy's ***Excellence in Environmental Engineering***<sup>®</sup> competition is to recognize and promote quality environmental engineering. Entries and awards are made in eight (8) categories of practice – RESEARCH, PLANNING, DESIGN, OPERATIONS/MANAGEMENT, SMALL PROJECTS, SMALL FIRMS, ENVIRONMENTAL SUSTAINABILITY AND UNIVERSITY RESEARCH.

To this end, the Academy uses several venues to display and publicize the entries. All winning entries are displayed at the Academy's Awards Luncheon, Wednesday, April 28, 2010 at the National Press Club in Washington, DC.

The winning entries will be profiled in the Spring issue of *Environmental Engineer* and the trade press.

Feature stories about the competition and winning entries routinely appear in the trade press and media in the winners' locales as a result of the Academy's public education campaign.

The competition is open to all companies, agencies, institutions, and individuals.

One prize for SUPERIOR ACHIEVEMENT for ENVIRONMENTAL ENGINEERING EXCELLENCE is awarded to the best project entered in the competition each year. A GRAND PRIZE is awarded to the best project in each category. HONOR AWARDS may also be presented.

An independent panel of judges assesses each entry with respect to the following criteria:

1. Demonstration of a comprehensive, **integrated approach** that considers all environmental media, i.e., air, water, and land.
2. **Quality** as evidenced by the degree of user satisfaction and proven performance.
3. **Originality and innovation**, representing the application of new knowledge, a new application of existing knowledge, or an innovative mix of existing knowledge.
4. The **complexity** of the problem or situation addressed.
5. The extent to which the project **contributes to** or offers the prospect of contributing to **social and economic advancement**.

**ONLY** the winning entries will have to submit a 30" x 30" photographic panel, which highlights key project features with photos and type.

**If there are any questions regarding interpretation of competition rules, please call J. Sammi Olmo at Academy Headquarters 410-266-3311 or e-mail [Jsolmo@aaee.net](mailto:Jsolmo@aaee.net).**

## WHY PARTICIPATE?

- ∞ Competing for an Excellence in Environmental Engineering award says to your customers, employees, the profession and the public that you are committed to surpassing their expectations.
- ∞ By competing you and your team obtain a powerful learning experience – you find out how good you really are. And, you obtain widespread recognition for your excellence in environmental engineering and management.

## ELIGIBILITY

The ***Excellence in Environmental Engineering***<sup>®</sup> Award is a program of the American Academy of Environmental Engineers<sup>®</sup> to recognize and promote quality in environmental engineering. The Academy encourages entries from all areas of environmental engineering practice, such as air pollution control, air quality management, industrial hygiene, radiation protection, solid waste management, resource recovery, waste minimization, hazardous waste management, toxic materials control, water supply, and wastewater treatment.

The competition is open to all individuals, companies, or organizations, regardless of affiliation with the Academy. Projects or programs, which have been given an award by others, are not precluded from the competition; in fact, entry of these projects is encouraged.

The entrant must be that person or, in the case of a team effort, that engineering firm, department, division, etc., primarily responsible for the achievement. The application must identify the person in responsible charge of the effort. If the laws governing the entered project or program require, the person in responsible charge must be a licensed professional engineer.

## CATEGORIES

Entries and awards are made in each of eight (8) separate categories.

**Research** – Research of a basic or applied nature that advances the state of the art of environmental engineering including research leading to new or improved environmental engineering equipment (process, control, instrumentation, etc.)

**Planning** – Planning related to an environmental control project, system or environmental management facilities or activities.

**Design** – Design of pollution control or other environmental facilities including projects delivered by alternate methods, such as, design-build or design-build-operate.

**Operations/Management** – Operations or Management of pollution control or other environmental facilities, a pollution prevention program, or environmental regulatory programs (federal, state or local).

**University Research** – Research of a basic or applied nature that advances the state of the art of environmental engineering *conducted by a university under the direction of a full-time faculty member*. This category differs from the Research category in that a person other than one involved directly with the work can “nominate” another for the award and provide the entry materials, which must be supplied.

**Small Projects** – Any Research, Planning, Design, or Operations/Management work as defined in the above categories related to a potential or actual capital expenditure of \$5 million or less or an operation or management activity with an annual budget of \$500,000 or less.

**Small Firms** – Any Research, Planning, Design, Operations/Management or Small Project defined by the above categories conducted by a small firm. A small firm is defined as one that has annual gross revenue of \$5,000,000 or less.

**Environmental Sustainability** – Environmental Sustainability is the supporting of the quality of life while living within the carrying capacity of all systems. A long term balance of environmental stewardship, economic development, and social well being must be achieved. Research, Planning, Design, or Operations/Management including renewable resources timely regenerated, timely substitute replacement of nonrenewable resources, harmful substances absorbed timely or made harmless.

## **AWARDS**

The awards will be announced and presented at the Academy’s Annual Awards Luncheon held in Washington, DC at the National Press Club, Wednesday, April 28, 2010.

There are three categories of prizes, which will be awarded. The SUPERIOR ACHIEVEMENT for ENVIRONMENTAL ENGINEERING EXCELLENCE award will be presented to the best project entered in the competition. A GRAND PRIZE (in name of category) will be awarded to the best entry in each category. HONOR AWARDS will be presented in each category to those entries, which achieve a judging score within 90 percent of the score of the GRAND PRIZE winning entry in that category, subject to the following limitations:

1 to 5 entries	1 Honor Award
6 to 10 entries	2 Honor Awards
11 to 15 entries	3 Honor Awards
16 plus entries	4 Honor Awards

The SUPERIOR ACHIEVEMENT for ENVIRONMENTAL ENGINEERING consists of a 14-inch high crystal mounted on a walnut base and will be inscribed with the:

- ∞ entry name
- ∞ entrant’s name
- ∞ entry location
- ∞ owner’s name
- ∞ year of competition

The GRAND PRIZE for the winning entry in each category consists of a free-form acrylic sculpture encapsulating a specially designed three-inch diameter medallion identifying the award as *Excellence in Environmental Engineering®*. The sculpture is mounted on a walnut base bearing a brass plaque inscribed with the:

- ∞ category
- ∞ entrant’s name

- ∞ entry name
- ∞ owner's name
- ∞ entry location
- ∞ year of competition

HONOR AWARDS consist of a walnut-mounted, etched plate which identifies the award as *Excellence in Environmental Engineering*® and the:

- ∞ category
- ∞ entrant's name
- ∞ entry name
- ∞ owner's name
- ∞ entry location
- ∞ year of competition

Winning entrants wanting duplicate award(s) for other participants may order them at their own expense.

## **BENEFITS**

The public relations value of participation in the *Excellence in Environmental Engineering*® program is considerable. There are many ways that your participation investment will be rewarded.

The experience of entering will boost staff morale. It also provides an effective mechanism for enhancing your relations with other project participants, clients, owners and others you involve in the entering process. All will be pleased that you think enough of the project to enter it in a national competition.

Each winning entrant's panel will be displayed at a reception preceding the Awards Luncheon where the Awards will be presented. Of course, when you win an award, the public relations opportunities are increased.

A supplement to the Spring issue of the *Environmental Engineer*, profiles those entries that win the Superior Achievement Award, Grand Prizes, and Honor Awards. This supplement will include photos of projects plus the project descriptions and information the reader can use to contact your organization.

## **HOW TO ENTER**

Entry Guidelines are available on-line at [aaee.net](http://aaee.net) or by phone at 410-266-3311. A Reservation Form is included in the mailed package or on our website. E-mail or mail the Reservation Form to AAEE Headquarters (be sure to include your e-mail address). As soon as the Reservation Form is received at AAEE HQ, you will be assigned a link to

upload your entry files in PDF except for the photos described in Submission Requirements number 9.

The winners will need to supply the photo panel prior to the Awards Luncheon.

The entry must be accompanied by:

- ∞ the official entry form, and
- ∞ the entry fee

Each complete entry must be received no later than February 1, 2010.

## GENERAL CRITERIA

1. An entrant may submit more than one entry.
2. The work entered must have been completed to such an extent that the primary beneficiaries of the work prior to February 1, 2010 can assess the performance of the entry. The work must not have been completed prior to February 1, 2008.
3. If the governing law in the area where the project/program exists requires the work to be performed by or under the supervision of a licensed professional engineer, then the person in responsible charge of the entered project/program must be a licensed professional engineer.
4. Increasingly, environmental facilities design work is delivered by design-build and design-build-operate systems. Such projects may be entered in the Design category, regardless of the method of design implementation.
5. Research and development leading to new process equipment, new instrumentation and controls, new investigation and monitoring technology, etc., are eligible for entry in the category of Research.

## SUBMISSION REQUIREMENTS

REMEMBER, all entries must be submitted in a single PDF file.

1. **Entry Form** – Please use the form supplied to you.
2. **Release Letter** – A release letter from the person for whom the work was performed permitting entry and publication of the project **without qualification**.
3. **Entrant Profile** – A profile of the Entrant not to exceed 250 words including the entrant's role in the project and the names of others that assisted in the effort.
4. **Project Description** – A description of the project or program not to exceed 1,000 words, which addresses each of the judging criteria. The number of words used in the description **is checked** to ensure compliance with the 1,000-word limit. (Each word or grouped together symbols, abbreviations, are counted as one word.)

5. **Testimonials** – A testimonial letter from the project’s primary beneficiary that describes the degree of satisfaction with the work performed. Such letters shall address the technical quality of work, adherence to project schedule requirements, quality of service, and the like. *For RESEARCH and UNIVERSITY RESEARCH projects*, such testimonials shall also include a letter from a recognized peer(s) of the research that comments on the significance of the research. *For OPERATIONS/MANAGEMENT entries*, the entrant shall submit documentation of the program’s effectiveness, such as reviews by regulatory engineers and higher authorities, environmental quality reports, cost-effectiveness reports, press reports, etc. If the entry is a permitted facility, a letter from the cognizant regulatory agency describing compliance during the period February 1, 2007 to September 1, 2009 is required.
6. **Engineering License** – A copy of the current certificate of professional registration/license for the environmental engineer in responsible charge of the effort or similar document showing the license is current. If the laws governing the project or program do not require the entered work to be performed under the direction of a licensed professional engineer, this requirement is waived. In lieu of the license copy, complete and submit the license waiver form.
7. **Media** – The names, addresses, phone numbers and e-mail addresses of media (newspaper, TV and radio) contact persons in the entrant’s and project’s home city. The media outlets are limited to a maximum of fifteen (15).
8. **News Release** – A news release (up to two (2) pages, double-spaced) clearly describing the project, entrant’s role, relationship to judging criteria and any local significance. ***This release is not to imply that any award was granted or reasons therefore.*** Such information, where appropriate, will be provided to the media by the Academy.
9. **Digital Photos** – a key feature of the Awards ceremony is presentation of the entries selected for Awards. To ensure that your entry is properly presented, you are requested to supply a minimum of ten to a maximum of twenty (10 to 20) color digital photographs accompanied by a descriptive text for each photo. Digital photos **MUST** be submitted in a JPG file.
10. **Research Reports** – Entries for the RESEARCH categories must include a supplemental report describing the research findings together with graphs or charts.

## SPECIAL NOTES

- ∞ Integration of text and digital photographs is particularly important – the digital photos and words together must tell a meaningful story.
- ∞ Because the digital photographs may be used for publication in the Academy’s magazine, *Environmental Engineer*, it is preferred that all digital photographs provided be in a horizontal format.
- ∞ Graphs and charts should be simple and informative.
- ∞ If you have questions regarding production of your digital photographs, please contact our Production Manager, Yolanda Moulden at 410-266-3311 or [ymoulden@aace.net](mailto:ymoulden@aace.net). For all other inquiries, contact Sammi Olmo.

## ENTRY FEE

For all categories, except University Research, the entry fee is \$500 per entry. For those entries where the person in responsible charge is a Board Certified Environmental Engineer or Member of the Academy, the entry fee is \$350. For University Research, the entry fee is \$100. If the person in responsible charge is a Board Certified Environmental Engineer, the entry fee is waived.

## JUDGING CRITERIA

The Academy is a multi-disciplined environmental engineering organization dedicated to quality in the practice of the profession. Accordingly, judging will be based on five (5) criteria:

1. Demonstration of a comprehensive, **integrated** approach that considers all environmental media, i.e., air, water, and land. For example, solution of an air pollution problem must not create a land disposal problem or an adverse water impact that is not addressed by the project.
2. **Quality** as evidenced by the degree of user satisfaction and proven performance. (For RESEARCH projects, testimony of experts in the field as to the quality and importance of the research will be used in lieu of user satisfaction or proven performance. For REGULATORY PROGRAMS, quality will be decided based on demonstrable impacts of the effort.)
3. **Originality and innovation**, representing the application of new knowledge, a new application of existing knowledge, or an innovative mix of existing knowledge.
4. The **complexity** of the problem addressed.
5. The extent to which the project **contributes to** or offers the prospect of contributing to *social or economic advancement*.

The judges will score each entry using a scale from 1 to 10 for each criteria previously described; the maximum score attainable is 50. The individual scores of all judges will be averaged and a composite total score determined.

The entry obtaining highest total score in the competition, regardless of category, will be awarded the SUPERIOR ACHIEVEMENT for ENVIRONMENTAL ENGINEERING EXCELLENCE. The entries obtaining the highest total score in each category, after award of the Superior Achievement award, will be awarded Grand Prizes. Honor Awards will be presented to other entries based on the scores obtained and the competition rules.

The entries will be judged soon after submittal. The winners will be publicly announced at the Academy's Awards Luncheon in Washington, DC, Wednesday, April 28, 2010.

## **JUDGES**

A listing of persons who will judge the 2010 competition will be provided in the near future.

## **SHIPPING AND HANDLING**

The photographic panel (in the event of a win), entry form, and entry fee are to be sent to Academy Headquarters, 130 Holiday Court, Suite 100, Annapolis, Maryland 21401 to arrive no later than April 1, 2010.

*Note: The panel must be shipped in a mailing tube. Flat cartons cannot be accepted due to handling requirements.*

## **RETURN OF PANELS**

Panels may be retained by the Academy for up to two years from the entry deadline for special displays or for other promotional or educational purposes. Panels will be returned at the expense of the entrant after completing Academy arranged exhibitions. Entrants will be notified when their panels may be reclaimed.

**EXCELLENCE IN ENVIRONMENTAL ENGINEERING  
AWARDS COMMITTEE**

Stephen R. Maguin, P.E., BCEE  
Chief Engineer & General Manager  
Sanitation Districts  
Of Los Angeles County

Kim R. Fox, P.E., BCEE  
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David M. Gaddis, P.E., BCEE  
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C. Dale Jacobson, P.E., BCEE  
Principal  
Jacobson Satchell Consultants

Terry L. Johnson, Ph.D., P.E., BCEE  
Senior Vice President, Chief  
Global Practices  
Black & Veatch Corporation

Patrick T. Karney, P.E., BCEE  
Vice President  
CH2M Hill

Paul D. Koch, P.E., BCEE  
Senior Vice President  
& Division Marketing Leader  
Mactec Engineering & Consulting

Douglas M. Owen, P.E., BCEE  
Vice President  
Malcolm Pirnie, Inc.

Mark J. Rood, Ph.D., P.E., BCEE  
Ivan Racheff Professor, C&EE  
University of Illinois at Urbana-  
Champaign

Charles A. Sorber, Ph.D., P.E.,  
BCEE  
Professor Emeritus  
The University of Texas at Austin

Board Liaison  
William P. Dee, P.E., BCEE  
President & CEO  
Malcolm Pirnie, Inc.

## ENTRY CHECKLIST

### **Is your entry complete??**

(This checklist is a *guide only* -- controlling details for each entry requirement are provided in the Entry Guidelines.)

**Entry form** – Make sure all blanks are completed.

**Entry fee** – Check or money order.

**Release Letter** – Your entry must contain a letter from the project owner allowing entry in the competition and publication of results. Even if you are the owner, a release letter is required to avoid misunderstanding.

**Entrant Profile** – A brief description of the entrant, the entrant's role in the project and names of others who assisted in the project, if any – 250 words maximum.

**Project Description** – A description of the project that addresses the judging criteria -- 1,000 words MAXIMUM.

**Testimonial Letter** – A letter or letters that indicate the owner's objectives were satisfied and the degree of satisfaction.

**P.E. License or License Waiver Form** – Copy of certificate showing license is current for professional engineer in charge of project – or completed waiver form establishing that a license is not required.

**Media List** – including names and addresses of each; 15 maximum.

**News Release** – Two (2) pages double-spaced.

**Digital Photographs** – Ten to twenty (10 to 20) digital photographs and text. Horizontal format preferred.

**Deadline** – All entries must be received on or before **February 1, 2010.**

## HINTS FOR A SUCCESSFUL ENTRY

Each year many inquiries are received from prospective entrants seeking to learn how to create a successful entry. While such calls are welcomed to address specific, project-related questions, a few simple hints provided below might save you time and increase your chances of winning.

**Understand the Rules** -- First, read the entry guidelines carefully and thoroughly. Then, ensure that the materials submitted satisfy all listed requirements. A checklist has been provided to help you.

**Judging Criteria** -- In composing the project description, clearly address each of the five judging criteria. Since it is against these criteria the project is judged, the entries which focus individually on each criteria and clearly and concisely describe how the entry measures against those criteria improve their chances for winning (*don't make the judges assume*).

**Integrated projects** identify how the project addresses all three environmental media. For example, if the entry is principally a water supply project, describe its contribution to air quality and how it protects the land. *Integrated design, in the context of this competition, is not just an architecturally pleasing structure.*

In addressing **Quality**, the harder evidence provided that the project's objectives have been realized, the better. Documented client comments and third party testimonials are excellent mechanisms.

**Social and Economic Advancement** project attributes can be as varied as the types of projects entered. Some examples of these attributes include: improved quality of life, lower costs/taxes, and increased economic development.

The **Innovation** of the entry should be clearly distinguished from standard or conventional practices.

The more **Complex** the problem, the more deserving of an award. In the competition, this criteria is used primarily to distinguish between two equally deserving entries based on the other criteria. By providing a separate category for SMALL PROJECTS, the small, typically less complex, projects are afforded a more level playing field.

**Digital Photographs** – The winning entries need a well-coordinated set of digital photographs and descriptive text to carry through the quality image. The script should flow logically, be easy-to-read, and, together with the digital photographs, tell your story. Horizontal format digital photographs are best.

**SUPERIOR ACHIEVEMENT WINNERS**

1995 Project Oceanside Water Pollution Control Plant  
 Entrant CH2M Hill  
 Location San Francisco, California

1996 Project Harborside International Golf Center  
 Entrant Illinois International Port District  
 Location Chicago, Illinois

1997 Project City of Chandler Industrial Process Water Treatment Facility  
 Entrant Black & Veatch  
 Location Chandler, Arizona

1998 Project Complex-Wide Environmental Management Integration  
 Entrant Idaho National Engineering and Environmental Laboratory  
 Location Idaho Falls, Idaho

1999 Project Hopewell Treatment Plant Process Enhancement and Enrichment Project  
 Entrant Malcolm Pirnie, Inc.  
 Location Hopewell, Virginia

2000 Project Hyperion Wastewater Quality Improvement Program  
 Entrant DMM/Black & Veatch  
 Location Playa Del Rey, California

2001 Project Ngau Tam Mei Water Treatment Works  
 Entrant Camp Dresser & McKee Inc.  
 Location Kwai Fong, Hong Kong

2002 Project Rouge River National Wet Weather Demonstration Project  
 Entrant Camp Dresser & McKee Inc.  
 Location Wayne county, Michigan

2003 Project Capitol Hill Anthrax Response  
 Entrant CDM  
 Location Washington, DC

2004 Project Gilbert and Mosley Project  
 Entrant CDM  
 Location Wichita, Kansas

2004 Project First Major biosolids Facility in USA to Achieve Pathogen-Free Standards  
 Entrant City of Los Angeles, Department of Public works, Bureaus of Engineering, Sanitation, And Contract Administration  
 Location Playa del Rey, California

2005 Project Johnston Atoll Closure  
 Entrant CH2M Hill  
 Location South Pacific

2006 Project Rocky Flats Environmental Technology Site  
 Entrant Kaiser-Hill Company, LLC  
 Location Broomfield, Colorado

2007 Project 1<sup>st</sup> “Glass” Biosolids Vitrification Facility  
 Entrant Donohue & Associates, Inc.  
 Location Zion, Illinois

2008 Project Kay Bailey Hutchison Desalination Facilities  
 Entrant CDM  
 Location El Paso, Texas

2009 Project Marina Barrage, Singapore  
 Entrant CDM & PUB, Singapore’s national water agency  
 Location Singapore

**GRAND PRIZE WINNERS**

*Note: Prior to 1995, it was permissible for the judges not to award a Grand Prize. Beginning in 1995, a Grand Prize in each category was awarded.*

**RESEARCH**

1989 Project High Sulfur Test Center  
 Entrant Electric Power Research Institute  
 Location Barker, New York

1990 Project Orange County Biological Nutrient Removal Research Study  
 Entrant Camp Dresser & McKee Inc.  
 Location Orlando, Florida

1993 Project Metropolitan’s Oxidation Demonstration Project

**RESEARCH (con't)**

Entrant David W. Ferguson/Jill T. Gramith  
 Location LaVerne, California

1995 Project Pneumatic Conveyance Pilot Testing  
 Entrant Black & Veatch  
 Location Portland, Oregon

1996 Project Field Evaluation of High-Voltage Electron Beam Technology  
 Entrant PRC Environmental Management, Inc.  
 Location Chicago, Illinois

1997 Project Bioaugmentation Pilot Study: New Microbe Degrades Chlorinated Solvents  
 Entrant Camp Dresser & McKee Inc.  
 Location Wichita, Kansas

1999 Project Produced Water Reclamation Project  
 Entrant Kennedy/Jenks Consultants  
 Location Newhall, California

2000 Project Development of Red Water Control Strategies  
 Entrant Black & Veatch Corporation  
 Location Clinton, Massachusetts

2001 Project Development of a Natural Attenuation Test Kit  
 Entrant Camp Dresser & McKee Inc.  
 Location Bellevue, Washington

2002 Project Critical Evaluation of Field Measurement Technologies for Total Petroleum Hydrocarbons in Soil  
 Entrant Tetra Tech EM Inc.  
 Location Chicago, Illinois

2003 Project Enhancing Environmental Engineering Science to Benefit Public Health  
 Entrant ATSDR/Multimedia Environmental Simulations Laboratory at Georgia Tech  
 Location Ocean County, New Jersey

2004 Project Getting the "N" Out –

Integrating Side-Stream Treatment for Nitrogen Removal

Entrant Sanitation Districts of Los Angeles County  
 Location Los Angeles County, California

2005 Project Evaluation of Ozone and Ultraviolet Light  
 Entrant Black & Veatch  
 Location Clinton, Massachusetts

2006 Project Carlsbad Seawater Desalination Demonstration Facility  
 Entrant Poseidon Resources Corp.  
 Location Carlsbad, California

2007 Project Columbus Biosolids Flow-Through Thermophilic Treatment (CBFT) Project  
 Entrant Brown and Caldwell  
 Location Columbus, Ohio

2008 Project Glendale Demonstration-Scale Evaluation of Chlorite Ion to Control Nitrification in a Distribution System and Reservoirs  
 Entrant Malcolm Pirnie, Inc.  
 Location Glendale, California

2009 Project An Innovative Approach to Disinfection for Recycled Water  
 Entrant Sanitation Districts of Los Angeles County  
 Location Los Angeles County, California

**PLANNING**

1989 Project Sidestream Elevated Pool Aeration (SEPA)  
 Entrant Metropolitan Water Reclamation District  
 Location Chicago, Illinois

1990 Project Orange County Air Toxics and Health Risk Assessment  
 Entrant Malcolm Pirnie, Inc.  
 Location Fountain Valley, California

1992 Project Marathon Battery Superfund  
 Entrant Malcolm Pirnie, Inc.

**PLANNIG (con't)**

Location Cold Spring, New York

1993 Project Los Angeles Advanced Planning Report  
Entrant The City of Los Angeles/James M. Montgomery/CH2M Hill Joint Venture  
Location Los Angeles, California

1995 Project MWRA Combined Sewer Overflow Control Program  
Entrant Metcalf & Eddy  
Location Boston, Massachusetts

1996 Project Gilbert-Mosley Bioremediation Cleanup  
Entrant Camp Dresser & McKee Inc.  
Location Wichita, Kansas

1997 Project North Coast Superaqueduct Conceptual/Facility Plan  
Entrant Vicenty, Heres y Lauria with Malcolm Pirnie, Inc.  
Location Hato Rey, Puerto Rico

1998 Project Eastside Reservoir Project  
Entrant Metropolitan Water District of Southern California  
Location Los Angeles, California

1999 Project Fort Worth High Rate Clarification Project  
Entrant Camp Dresser & McKee Inc.  
Location Fort Worth, Texas

2000 Project Tucson Water Planning Project  
Entrant Malcolm Pirnie Inc. with McGuire Environmental Consultants  
Location Tucson, Arizona

2001 Project Columbia Charrette: Superfund Strategy  
Entrant Malcolm Pirnie, Inc.  
Location Columbia, Mississippi

2002 Project On Track to Solving the solid Waste Disposal Dilemma  
Entrant Sanitation Districts of Los Angeles County  
Location Whittier, California

2003 Project Tri-City Water Pollution Control Plant site Master Plan  
Entrant Clackamas County Water Environmental Services & CH2M Hill  
Location Oregon City, Oregon

2004 Project System-Wide Sewer Model of Cincinnati and Hamilton County  
Entrant CDM  
Location Cincinnati, Ohio

2005 Project Integrated Planning for Station 6 Groundwater Management  
Entrant Malcolm Pirnie, Inc.  
Location South Jamaica, Queens, New York

2006 Project Enhanced Nutrient Removal for the Patapsco Wastewater Treatment Plant  
Entrant JMT/KCI Joint Venture  
Location Baltimore, Maryland

2007 Project Los Angeles Integrated Resources Plan  
Entrant CDM and CH2M Hill  
Location Los Angeles, California

2008 Project Granular Activated Carbon Master Planning Project  
Entrant Malcolm Pirnie, Inc.  
Location Birmingham, Alabama

2009 Project ACWA Energy Independence Project  
Entrant Kennedy/Jenks  
Location Portland, Oregon

**DESIGN**

1989 Project Southerly Wastewater Treatment Center  
Entrant Malcolm Pirnie, Inc.  
Location Cuyahoga Heights, Ohio

1990 Project Oakland Chinatown in Situ Bioremediation Project  
Entrant Harding Lawson Associates  
Location Oakland, California

1991 Project Klein Water Treatment Facility  
Entrant Black & Veatch  
Location Commerce City, Colorado

**DESIGN (con't)**

1992 Project Virginia Initiative Plant  
 Entrant CH2M Hill  
 Location Norfolk, Virginia

1993 Project Cincinnati GAC Water Treatment Plant  
 Entrant Malcolm Pirnie, Inc.  
 Location Cincinnati, Ohio

1994 Project 27<sup>th</sup> Avenue Solid Waste Management Facility  
 Entrant Black & Veatch  
 Location Phoenix, Arizona

1995 Project Tucson International Airport Area Groundwater Remediation Project (TARP)  
 Entrant Malcolm Pirnie, Inc.  
 Location Tucson, Arizona

1996 Project Grand Chute Menasha West Wastewater Treatment Facility Upgrade  
 Entrant McMahon Associates, Inc.  
 Location Norfolk, Virginia

1997 Project Norfolk 48-Inch Raw Water Transmission Main  
 Entrant Gannett Fleming, Inc.  
 Location Norfolk, Virginia

1998 Project Combined Sewer Treatment – Riverfront Enhancement  
 Entrant Jordan, Jones & Goulding, Inc.  
 Location Columbus, Georgia

1999 Project Brooks Landfill Air Sparging Project  
 Entrant Camp Dresser & McKee Inc.  
 Location Wichita, Kansas

2000 Project South Bay Ocean Outfall (SBOO)  
 Entrant Parsons Engineering Science, Inc.  
 Location San Diego, California

2001 Project Scottsdale Water Campus  
 Entrant Black & Veatch Inc.  
 Location Scottsdale, Arizona

2002 Project The Tolt DBO Project  
 Entrant Camp Dresser & McKee Inc.  
 Location Duvall, Washington

2003 Project Tampa Bay Regional Surface Water Treatment Facility  
 Entrant CDM  
 Location Tampa, Florida

2004 Project Integrated Water Transmission & Treatment Project  
 Entrant MWH/CH2M Hill  
 Location Clark County, Nevada

2005 Project Denver Water Recycling Plant  
 Entrant CH2M Hill and Boyle Engineering  
 Location Commerce City, Colorado

2006 Project ASA Advanced Wastewater Treatment Facility Upgrade  
 Entrant CH2M Hill  
 Location Alexandria, Virginia

2007 Project F. Wayne Hill Water Resources Center  
 Entrant Jordan, Jones and Goulding, CH2M Hill & Precision Planning, Inc.  
 Location Buford, Georgia

2008 Project Orange County Groundwater Replenishment System  
 Entrant CDM  
 Location Fountain Valley, California

2009 Project Broad Run Water Reclamation Facility  
 Entrant CH2M Hill  
 Location Ashburn, Virginia

**OPERATIONS/MANAGEMENT**

1989 Project Regional Sludge Management Program  
 Entrant Pima County Wastewater Management Department  
 Location Tucson, Arizona

1990 Project Water for a Dry Land County Sanitation Districts of Los Angeles County  
 Entrant Whittier, California  
 Location Whittier, California

1991 Project Commerce Refuse – to – Energy Facility  
 Entrant County Sanitation Districts of Los Angeles County  
 Location Commerce, California

**OPERATIONS/MANAGEMENT (con't)**

1992 Project Hyperion Treatment Plant  
Interim Improvement Program  
Entrant City of Los Angeles/Department of Public Works/Bureau of Sanitation  
Location Playa del Rey, California

1995 Project After the Shock  
Entrant County Sanitation Districts of Los Angeles County  
Location Los Angeles County, California

1996 Project Minergy Corporation  
Lightweight Aggregate Facility  
Entrant Minergy Corporation (Subsidiary Wisconsin Energy Corporation)  
Location Milwaukee, Wisconsin

1997 Project Scovill Brass  
Demolition/Remediation Project  
Entrant Langan Engineering and Environmental Services, Inc.  
Location Waterbury, Connecticut

1998 Project Montgomery County Resource Recovery Facility  
Entrant Montgomery County Maryland/Northeast Maryland Waste Disposal Authority  
Location Dickerson, Maryland

1999 Project Anchorage Regional Landfill  
Entrant Municipality of Anchorage Solid Waste Services & CH2M Hill  
Location Anchorage, Alaska

2000 Project Hillview Reservoir Sediment Cleaning Program  
Entrant Malcolm Pirnie, Inc.  
Location Yonkers, New York

2001 Project Energy Resource Management  
Entrant Sanitation Districts of Los Angeles County  
Location Whittier, California

2002 Project Environmental and Occupational Health

Entrant Surveillance and Assessment of the Pentagon  
US Army Center for Health Promotion and Preventive Medicine  
Location Washington, DC

2003 Project Savoonga Water & Wastewater Project  
Entrant Alaska Native Tribal Health Consortium  
Location Savoonga, Alaska

2004 Project DCWASA Operations & Maintenance Training and Certification Program  
Entrant CDM  
Location Washington, DC

2005 Project Environmental Health Project II  
Entrant CDM  
Location Worldwide

2006 Project The Power of Innovation – Antelope Valley Green Energy Program  
Entrant Sanitation Districts of Los Angeles County  
Location Los Angeles, California

2007 Project Route 5 Transfer Station  
Entrant Delaware Solid Waste Authority  
Location Harbeson, Delaware

2008 Project SPEIM/LTM/O&M Program at MMR  
Entrant AFCEE and CH2M Hill  
Location Otis ANG, Massachusetts

2009 Project NYS Thruway Authority Statewide Stormwater Management Program  
Entrant Malcolm Pirnie, Inc.  
Location Statewide, New York

**UNIVERSITY RESEARCH**

1998 Project Carbon Manufactured from Pecan Shells by Novel Techniques  
Entrant Waste-management Education & Research Consortium  
Location Las Cruces, New Mexico

2001 Project Arsenic Speciation Test Kit

**UNIVERSITY RESEARCH (con't)**

Entrant	WERC: A Consortium for Environmental Education & Technology Development	1996 Project	Burnt Cedar Water Disinfection Plant
Location	Socorro, New Mexico	Entrant	Kennedy/Jenks Consultants
		Location	Incline Village, Nevada
2002 Project	Treatment of Subsurface Contaminants Using Zero-Valent Iron	1997 Project	Salt Lake Valley Drinking Water Source Protection Project
Entrant	University of Central Florida	Entrant	CH2M Hill
Location	Orlando, Florida	Location	Salt Lake City, Utah
2004 Project	Treatment of Arsenic-Contaminated Water Using Akageneite Adsorption	1998 Project	Sturgeon Bay Utilities Biosolids Management Facility Improvements
Entrant	WERC: A Consortium for Environmental Education and Technology Development	Entrant	McMahon Associates, Inc.
Location	Las Cruces, New Mexico	Location	Sturgeon Bay, Wisconsin
2007 Project	Purification of Alcohol with Ozonation and Activated Carbon	1999 Project	New Technology Returns Property to Productive Use
Entrant	Iowa State University	Entrant	DaimlerChrysler Corporation/Leggette, Brashears & Graham, Inc.
Location	Ames, Iowa	Location	Hartland, Wisconsin
2008 Project	Value-Added Products from Dry-Grind Corn Milling Stillage by Fungal Processing	1999 Project	Southcentral Regional Office Building
Entrant	Fungal Research Group Iowa State University	Entrant	Pennsylvania Department of Environmental Protection
Location	Ames, Iowa	Location	Harrisburg, Pennsylvania
2009 Project	Production of Single Cell Oil from Cellulosic Biomass by Fungal Processing	2000 Project	Aqueduct Repair and Rehabilitation
Entrant	Center for Crops Utilization Research, Iowa State University	Entrant	CDM Engineers & Constructors and Camp Dresser & McKee
Location	Ames, Iowa	Location	Cranston, Rhode Island
		2001 Project	North Highlands/Hamilton Park Storm Sewer
		Entrant	Bonar Group
		Location	Fort Wayne, Indiana
		2002 Project	East Bremerton CSO Facility
		Entrant	Camp Dresser & McKee
		Location	Bremerton, Washington
1991 Project	Artel Superfund Site Methyl Mercaptan Transfer	2003 Project	Riverbend Landfill Drip Irrigation Leachate Reuse System
Entrant	ERM-Midwest, Inc.	Entrant	CH2M Hill
Location	Nitro, West Virginia	Location	McMinnville, Oregon
1993 Project	Yampa River Diversion Structure	2004 Project	Royal Caribbean Environmental Management
Entrant	City of Craig		
Location	Craig, Colorado		
1995 Project	City of San Diego South Metro Interceptor Repair Project		
Entrant	Malcolm Pirnie, Inc.		
Location	San Diego, California		

**SMALL PROJECTS**

**SMALL PROJECTS (cont')**

		Location	Virginia Beach, Virginia
	System and Environmental Officer Training		
Entrant	CDM	1992 Project	Orange County Landfill Wetland Treatment Systems and Research Program
Location	Miami, Florida		
		Entrant	Camp Dresser & McKee
2005 Project	Lake Bard Hypolimnion Oxgenation	Location	Orlando, Florida
Entrant	Kennedy/Jenks Consultants	1995 Project	Pilot Evaluation of High Efficiency Ozone Injector Contactor
Location	Thousand Oaks, California		
		Entrant	Camp Dresser & McKee/Old Dominion University
2006 Project	Triple Espresso of Oxygen: Super-Saturated Water Knocks Out Toluene Plume	Location	Newport News, Virginia
Entrant	Leggette, Brashears & Graham, Inc.	1997 Project	San Diego Water Repurification
Location	Ewart, Michigan	Entrant	Montgomery Watson
		Location	San Diego, California
2007 Project	Milwaukee Metropolitan Sewerage District Study of High-Rate Treatment of Wet-Weather Flows	1999 Project	Protocol for Deriving cleanup Levels
Entrant	CH2M Hill	Entrant	Camp Dresser & McKee Inc.
Location	Milwaukee, Wisconsin	Location	Massena, New York
		2000 Project	Critical Assessment of Radon Removal Systems
2008 Project	Reuse for Industrial, Agriculture, and Landscaping (RIAL)	Entrant	Kennedy/Jenks Consultants
Entrant	CDM	Location	Denver, Colorado
Location	Amman, Jordan		
		2002 Project	Landfarming Pilot Treatment System for Watervliet Arsenal
2009 Project	Groundwater Remediation Using Enhanced Anaerobic Bioremediation	Entrant	Malcolm Pirnie, Inc.
Entrant	CDM	Location	Watervliet, New York
Location	Orlando, Florida	2004 Project	Strategic Planning for Disinfection
		Entrant	Malcolm Pirnie, Inc.
		Location	Cincinnati, Ohio
		2006 Project	Watervliet Arsenal Chemical Oxidation Remediation Project
		Entrant	Malcolm Pirnie, Inc.
		Location	Watervliet, New York

**SMALL FIRMS**

*Note: 2009 was the first year for the Small Firms category.*

2009 Project	Onsite Nitrogen Reduction with Two-Stage Biofiltration		
Entrant	Applied Environmental Technology		
Location	Thonotosassa, Florida		

**HONOR AWARDS**

*Note: Prior to 1995, it was permissible for the judges not to award an Honor Award. Beginning in 1995, an Honor Award in each category was awarded if the score came within 90% of the Grand Prize.*

**RESEARCH**

1990 Project	Virginia Initiative Plant (VIP) Process	2007 Project	MMWD Seawater Desalination Pilot Program
Entrant	CH2M Hill	Entrant	Kennedy/Jenks Consultants
		Location	San Rafael, California
		2008 Project	Ozone Disinfection of Water Mains Research
		Entrant	CDM
		Location	Denver, Colorado

**RESEARCH (con't)**

2009 Project Biologically Enhanced High-Rate Clarification  
 Entrant CDM  
 Location Fort Smith, Arkansas

**PLANNING**

1989 Project Central Contra Costa Sanitary District Wastewater Collection System Master Plan  
 Entrant Camp Dresser & McKee Inc.  
 Location Martinez, California

1990 Project Nassau County Regional Ground Water Model  
 Entrant Camp Dresser & McKee Inc.  
 Location Nassau County, New York

1990 Project REMII: Superfund Planning from Investigation Through Remediation  
 Entrant CDM Federal Programs Corporation  
 Location Nationwide

1991 Project Caguas Water Reclamation Facility Plan  
 Entrant Alfredo Heres/Malcolm Pirnie, Inc.  
 Location Caguas, Puerto Rico

1992 Project The Lancaster County Resource Recovery Facility  
 Entrant Camp Dresser & McKee  
 Location Bainbridge, Pennsylvania

1993 Project Paul M. Neal Water Treatment Facility  
 Entrant Camp Dresser & McKee  
 Location Lake Bluff, Illinois

1993 Project Sacramento Regional Wastewater Treatment Plant Master Plan  
 Entrant John Carollo Engineers  
 Location Elk Grove, California

1995 Project Siting for a Regional Integrated Solid Waste Facility  
 Entrant Malcolm Pirnie, Inc.  
 Location San Antonio, Texas

1997 Project Delaware River Regional Water Treatment Plant  
 Entrant New Jersey-American Water Company

Location Delran, New Jersey

1998 Project Seattle Design-Build-Operate (DBO) Procurement Project  
 Entrant Malcolm Pirnie, Inc. and R.W. Beck  
 Location Carnation, Washington

1999 Project Saudi Aramco Master Plan for Industrial Waste Management  
 Entrant Saudi Arabian Oil Company (Saudi Aramco)  
 Location Dhahran, Saudi Arabia

2000 Project Catskill and Delaware Water Treatment Pilot Program  
 Entrant Hazen and Sawyer/Camp Dresser & McKee, A Joint Venture  
 Location Valhalla, New York

2001 Project Water and Wastewater GIS Implementation for JEA  
 Entrant Camp Dresser & McKee Inc.  
 Location Jacksonville, Florida

2002 Project Stoneman Lake TMDL Modeling Study  
 Entrant Malcolm Pirnie, Inc.  
 Location Stoneman Lake, Arizona

2004 Project Sheffield Water Quality Project  
 Entrant City of Santa Barbara Public Works Department  
 Location Santa Barbara, California

2005 Project Catskill/Delaware UV Disinfection Facility EIS  
 Entrant Hazen and Sawyer/P.C./CDM  
 Location Mount Pleasant, New York

2008 Project Creating & Restoring Wetlands for River Temperature Reduction  
 Entrant CH2M Hill  
 Location Albany, Oregon

2008 Project York River Treatment Plant Expansion Phase 1  
 Entrant Malcolm Pirnie, Inc. and Hampton Roads Sanitation District  
 Location Seaford, Virginia

**PLANNING (con't)**

2009 Project Enhanced Use Lease  
Development at Hill AFB  
Entrant Malcolm Pirnie, Inc.  
Location Ogden, Utah

**DESIGN**

1989 Project TOSCO Corporation's Marine  
Vapor Recovery System  
Entrant Avon Refinery Engineering  
Department  
Location Martinez, California

1989 Project Eastern Service Area  
Wastewater Treatment &  
Water Reuse Facilities  
Program  
Entrant Camp Dresser & McKee  
Location Orlando, Florida

1989 Project Expansion of Reno-Sparks  
Wastewater Treatment Facility  
Entrant Kennedy/Jenks/Chilton  
Location Reno-Sparks, Nevada

1989 Project Vertical Expansion of the  
Blydenburgh Landfill  
Entrant Malcolm Pirnie, Inc.  
Location Islip, New York

1990 Project Modesto Wastewater  
Treatment and Disposal  
Improvements  
Entrant Kennedy/Jenks/Chilton  
Location Modesto, California

1991 Project Lee County Water Reuse  
Program  
Entrant Camp Dresser & McKee  
Location Ft. Myers Beach, Florida

1992 Project Northwest Water Reclamation  
Plant  
Entrant Black & Veatch  
Location Mesa, Arizona

1993 Project SEMASS Ash Management  
Program  
Entrant Energy Answers Corporation  
Location Rochester, Massachusetts

1994 Project Norfolk, Virginia 48-Inch  
Diameter Directional Drill

Entrant Gannett Fleming, Inc. –  
Newport News, Virginia

Location Norfolk, Virginia

1994 Project Remediation of Basin F  
Liquids Through Submerged  
Quench Incineration  
Entrant Roy F. Weston, Inc.  
Location Commerce City, Colorado

1995 Project Oxygen and Ambiance  
Combine for SEPA Success  
Entrant Greeley and Hansen Engineers  
Location Chicago, Illinois

1996 Project Durham Wastewater  
Treatment Facility  
Entrant HDR Engineering, Inc.  
Location Tigard, Oregon

1996 Project 23<sup>rd</sup> Avenue Wastewater  
Treatment Plant  
Upgrade/Expansion  
Entrant Malcolm Pirnie, Inc.  
Location Phoenix, Arizona

1997 Project New Water Treatment Plant &  
Intake System  
Entrant Camp Dresser & McKee  
Location Franklin Township, New  
Jersey

1997 Project Dayton Airport Deicing  
Facilities  
Entrant CH2M Hill  
Location Dayton, Ohio

1998 Project City of Marquette Water  
Filtration Plant  
Entrant Fishbeck, Thompson, Carr &  
Huber, Inc.  
Location Marquette, Michigan

1998 Project Deer Island Secondary  
Treatment Facilities  
Entrant Malcolm Pirnie, Inc.  
Location Winthrop, Massachusetts

1999 Project Milwaukee Ozone Project  
Entrant Black & Veatch  
Location Milwaukee, Wisconsin

1999 Project Anthem-Arizona Water  
Campus  
Entrant CH2M Hill  
Location Phoenix, Arizona

2000 Project Yarmouth Landfill Closure &  
Reuse  
Entrant Camp Dresser & McKee Inc.

<b>DESIGN (con't)</b>		2006 Project	Lee Hall Water Treatment Plant
Location	Yarmouth, Massachusetts	Entrant	Newport News Waterworks and Malcolm Pirnie, Inc.
2001 Project	Cheyenne Bottoms Wildlife Area	Location	Newport News, Virginia
Entrant	HNTB Corporation		
Location	Barton County, Kansas	2007 Project	Coastal Development and Environmental Improvements Project
2001 Project	Vineland Chemical Company Superfund Site	Entrant	CDM
Entrant	Malcolm Pirnie, Inc.	Location	Budva, Montenegro
Location	Vineland, New Jersey		
2002 Project	Ulu Pandan Wastewater Reclamation Plant	2007 Project	Stamford Water Pollution Control Facility Upgrade and Expansion Project
Entrant	Camp Dresser & McKee Inc.	Entrant	CH2M Hill
Location	Singapore	Location	Stamford, Connecticut
2002 Project	Crescent/Carver Sewer Separation & Stormwater Improvements	2008 Project	Newtown Creek Water Pollution Control Plant Upgrade/Contract 35
Entrant	SEA Consultants/MWH	Entrant	Joint Venture of Greeley and Hansen, Hazen and Sawyer, Malcolm Pirnie
Location	Boston, Massachusetts	Location	Brooklyn, New York
2003 Project	Blue Heron Stormwater BMPs		
Entrant	Hazen and Sawyer, P.C.	2008 Project	Redwood City Recycled Water Program
Location	Staten Island, New York	Entrant	Kennedy/Jenks Consultants
2003 Project	Design/Build Flood Control Ecological Restoration on Lincoln Creek	Location	Redwood City, California
Entrant	HNTB Corporation		
Location	Milwaukee, Wisconsin	2009 Project	Back River Wastewater Treatment Plant
2004 Project	Lincoln Creek Environmental Rehabilitation Project	Entrant	AECOM
Entrant	CDM	Location	Baltimore, Maryland
Location	Milwaukee, Wisconsin	2009 Project	City of Clovis Sewage Treatment/Water Reuse Facility
2004 Project	Groundwater Cooling System	Entrant	CH2M Hill
Entrant	Malcolm Pirnie, Inc.	Location	Clovis, California
Location	Albany, New York		
2005 Project	Cedar Water Treatment Facility	2009 Project	Twin Oaks Valley Water Treatment Plant DBO Project
Entrant	CH2M Hill	Entrant	CH2M Hill
Location	Renton, Washington	Location	San Marcos, California
2005 Project	Geysers Recharge Project	2009 Project	H. Clay "Junk" Whaley, Sr. Memorial Water Plant
Entrant	CH2M Hill	Entrant	Jones Edmunds & Associates, Inc.
Location	Santa Rosa, California	Location	St. Cloud, Florida
2005 Project	Olivenhain Dam and Reservoir		
Entrant	Parsons and MWH	2009 Project	Heart of the Valley Metropolitan Sewerage
Location	Escondido, California		

<b>Design (con')</b>		Entrant	Camp Dresser & McKee
	District Wastewater Treatment Facility Improvements	Location	Baton Rouge, Louisiana
Entrant	McMahon	1996 Project	Deer Island Pilot Plant Operations
Location	Kaukauna, Wisconsin	Entrant	Malcolm Pirnie, Inc.
		Location	Boston, Massachusetts
<b>OPERATIONS/MANAGEMENT</b>			
1989 Project	Puente Hills Landfill		
Entrant	County Sanitation Districts of Los Angeles County	1998 Project	Control of Corrosion in the Pure Oxygen Secondary Treatment Process
Location	Whittier, California	Entrant	Sanitation Districts of Los Angeles County
		Location	Whittier, California
1990 Project	Mobile Incineration of PCZB-Contaminated Soils		
Entrant	Weston Services, Inc., John W. Noland, P.E., DEE and Luis A. Velazquez, P.E.	1999 Project	Innovative and Diverse Biosolids Management
Location	Beardstown, Illinois	Entrant	Sanitation Districts of Los Angeles County
		Location	Whittier, California
1991 Project	Eastern Service Area Wastewater Treatment and Reuse System		
Entrant	Orange County Public Utilities Division	2000 Project	Monitoring and Maintenance of OCEAN Outfalls
Location	Orlando, Florida	Entrant	Sanitation Districts of Los Angeles County
		Location	Whittier, California
1992 Project	The Clean River Program (PROKASIH)		
Entrant	The PROKASIH Team: Nabel Makarim, Jay Nagendran, Gempur Adnan	2004 Project	Toland Regional Sanitation District
Location	Jakarta, Indonesia	Entrant	Ventura Regional Sanitation District
		Location	Ventura County, California
1993 Project	Hyperion Treatment Plant/Division Maintenance/Work Coordination Center	2005 Project	Asbestos Emergency Response Project
Entrant	City of Los Angeles/Department of Public Works/Bureau of Sanitation	Entrant	CDM
Location	Playa del Rey, California	Location	Libby, Montana
		2008 Project	Making Water Work – Reclaiming Water and Land to Produce Viable Agriculture in the Antelope Valley
1994 Project	King of Prussia Technical Corporation Site	Entrant	Sanitation Districts of Los Angeles County
Entrant	Alternative Remedial Technologies, Inc.	Location	Palmdale, California
Location	Winslow Township, New Jersey		
		<b>UNIVERSITY RESEARCH</b>	
1994 Project	Clean Fuels From Landfill Gas Sanitation Districts of Los Angeles County	1991 Project	Computer Aided Support System for Evaluation of Ocean Disposal of Wastewater
Entrant	Whittier, California	Entrant	Gerald T. Orlob, Andrew E. Bale, Gabriela K. Meyer
Location		Location	Davis, California
1995 Project	Baton Rouge Wastewater System Improvement Program		

2002 Project	Coagulation Pretreatment for Membrane Filtration		Environmental Engineers and Scientists, LLC
Entrant	University of Illinois	Location	Fairfield, Connecticut
Location	Urbana, Illinois		
2009 Project	Improved Water Quality in Northwest Tanzania	2000 Project	City of Mackinac Island Water Filtration Plant
Entrant	University of Cincinnati	Entrant	Fishbeck, Thompson, Carr & Huber, Inc.
	Department of Civil and Environmental Engineering	Location	Mackinac Island, Michigan
Location	Shirati, Tanzania	2001 Project	Chrysler Center Strategic Environmental Remediation and Redevelopment
<b>SMALL PROJECTS</b>			
1991 Project	Amphenol Wastewater Lagoon Closure	Entrant	DaimlerChrysler Corporation/GZA
Entrant	Environmental Resources Management, Inc.	Location	GeoEnvironmental, Inc.
Location	Sidney, New York		Highland Park, Michigan
1992 Project	The Salt Road Remediation Project	2002 Project	Soil Washing PCB Remediation Springfield Township Superfund Site
Entrant	H&A of New York, Affiliate Of Haley & Aldrich, Inc.	Entrant	DaimlerChrysler Corporation/Arcadis G&M, Inc./Earth Tech
Location	Webster, New York	Location	Davisburg, Michigan
1993 Project	Pneumatic Fracturing Extraction Remediation Program	2004 Project	Restoring Natural Resources
Entrant	McLaren/Hart Environmental Engineering Corporation	Entrant	EA Engineering, Science and Technology, Inc.
Location	Hillsborough, New Jersey	Location	Port Mayaca Lock, St. Lucie Canal, Florida
1993 Project	Sludge Treatment Tank Project	2005 Project	Glastonbury Site Field-Field Holstein Site
Entrant	Mobil Oil Singapore Pte. Ltd.	Entrant	Malcolm Pirnie, Inc.
Location	Singapore	Location	Glastonbury, Connecticut
1995 Project	Millville Site Remediation	2006 Project	Gilt Edge Acid Rock Drainage Treatment
Entrant	ERM-Northeast	Entrant	CDM
Location	Millville, New Jersey	Location	Deadwood, South Dakota
1996 Project	Waste Elimination – Tannery Waste to Marketable Resource	2007 Project	Metropolitan Sewer District of Greater Cincinnati Wet-Weather Storage and Treatment Facility
Entrant	Pickard & Anderson	Entrant	CH2M Hill
Location	Various Locations in Pennsylvania	Location	Cincinnati, Ohio
1997 Project	Remediation of a Dense Nonaqueous Phase Liquid by Combined In-Situ Treatment Technology	2008 Project	South Bethany Tidal Pump
Entrant	The Whitman Companies, Inc.	Entrant	KCI Technologies, Inc.
Location	Teterboro, New Jersey	Location	South Bethany, Delaware
1998 Project	Fairfield WPCF Nitrogen Removal Project		
Entrant	Stearns & Wheler,		

