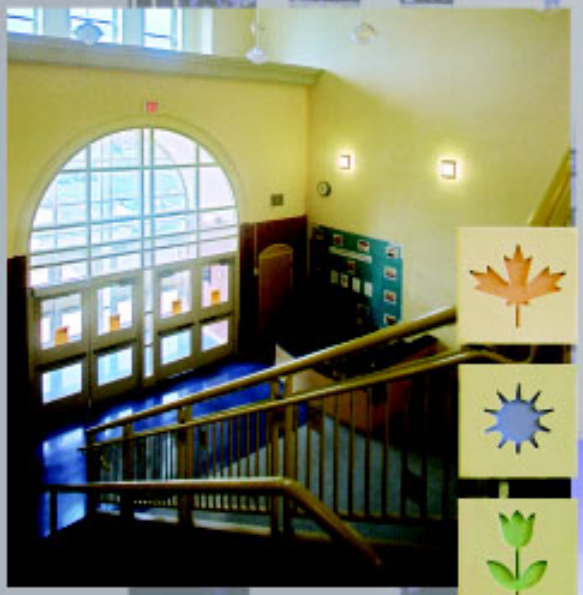
2004

Chief of Engineers Design & Environmental Awards Program



Excellence

Special Recognition

Honor

Merit

Message from the Chief.....

I congratulate the winners of this year's Chief of Engineers Design and Environmental Awards Program for their innovation and pursuit of excellence. Their world-class designs are indicative of the contributions that make our nation great and will further enhance our support to the nation and its armed forces.

The Chief of Engineers Design and Environmental Awards Program recognizes the design excellence of projects accomplished by U.S. Army Corps of Engineers (USACE) team members working in partnership with the private sector design and construction community. Two juries composed of nationally recognized design and environmental professionals selected thirteen projects for awards from the thirty-seven entries submitted by USACE activities. Of the awards five represent design by our professional staff, including the Award of Excellence in Environmental Design. The number and level of awards given by the juries indicate the high standard of work produced by every team who entered.

The winning projects, shown in this brochure, demonstrate the diversity of skills USACE offers its customers. I appreciate the jury members who gave enthusiastically of their time and expertise to make this program a success. Finally, I wish to extend my thanks to everyone who participated this year and look forward to more excellent results in the 2006 program - keep up the great work.

Essayons!

ROBERT W. FLOWERS
Lieutenant General, USA
Commanding

Program History

The Chief of Engineers Design and Environmental Awards Program was created in 1965 to recognize and promote excellence in design and environmental achievement by USACE and its professional partners. The program has presented a total of 473 awards in the 29 times it was judged.

This year's program was judged at USACE headquarters in Washington, DC on February 25-26, 2004. Two juries of design professional selected constructed projects and professional awards in the program's two categories. The ***Design Awards*** *winners are located behind the index on page 3. The* ***Environmental Awards*** *are located behind the index on page 11. The jurors' biographical sketches are located on pages 22-23.*

The program presents four types of awards:

The Chief of Engineers Award of Excellence *is the highest. Only one award may be given for an entry in each of the two categories. This award can only be given by unanimous decision of the jury for an entry that truly exhibits excellence in all major professional design disciplines. The jury is not obligated to nominate any entry for this award; however, this year the juries gave the award in both categories.*

Chief of Engineers Special Recognition Awards *may be awarded by the juries for projects that demonstrate excellence in a particular field, and do not clearly fit into the award categories below. Juries may select a project and/or a professional work for special recognition in a field of study such as environmental preservation.*

Honor Awards *are given in both categories to entries that demonstrate or stimulate excellence in each of the design disciplines. The juries determine the number of awards. An honor award can only be given to an entry based on a majority decision of the jury and when no juror casts a dissenting vote.*

Merit Awards *are also given for projects in both categories. Merit awards may be related to individual disciplines (e.g., a Merit Award in architecture, landscape architecture, interior design, engineering, environmental design, planning, energy conservation) or for excellence in multiple disciplines. The juries determine the number and type of merit awards. A merit award can be given to an entry based on the recommendation of a single juror if no jurors offer dissenting votes.*

HISTORY

Chief of Engineers Award of Excellence

Myrtilla Miner Elementary School
Washington, D.C.

Honor Awards

Missouri National Recreational River Resource and Education Center
Ponca State Park, Ponca, Nebraska

Merit Award

Physical Fitness Center
Little Rock Air Force Base, Arkansas

C-17 Flight Simulator Facility
Hickam Air Force Base, Hawaii

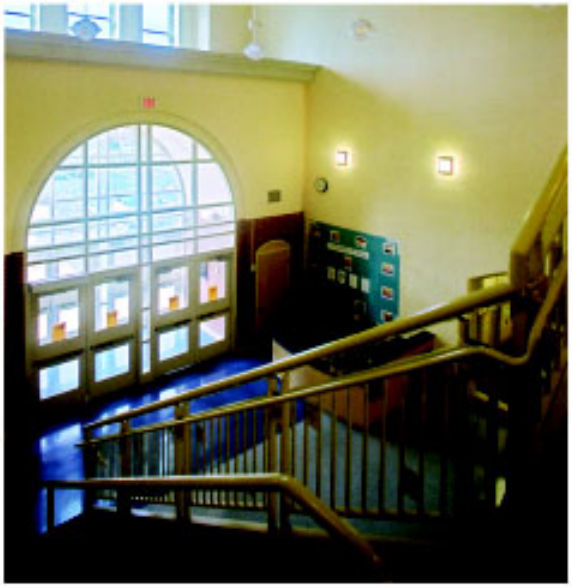
Community Activity and Physical Fitness Center
Seoul, Korea

Myrtilla Miner Elementary School
Washington, District of Columbia

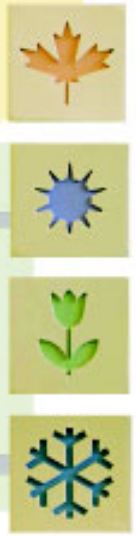
Design Agency: *U.S. Army Engineer District, Baltimore, Maryland*

Design Firm: *Grimm and Parker Architects, Calverton, Maryland*

Owner: *District of Columbia Public Schools, Washington, D.C.*



DESIGN AWARD **Excellence**



Myrtilla Miner Elementary School is a new, two-story, 85,000-square-foot, building on a compact, 2 acre, urban site. Completed as an adaptive re-use of a prototype school, this building provides a state-of-the-art educational environment for Pre-Kindergarten through 6th grade students. It includes classrooms, computer labs, extended learning areas and administrative offices. All assembly spaces have been designed for both school and community use.

The site design allowed the existing school to remain in use during construction and turned this process into an educational opportunity. Each site element is strategically located to maximize student safety and site efficiency.

The architectural design integrates into the urban context while standing out as a significant piece of public architecture. The interior is filled with natural light and bright colors creating a playful, welcoming atmosphere. It has taken user satisfaction to a new level and become a source of pride for the District of Columbia Public Schools.

Jury Comments:

This design is well conceived and well executed. It is a credit to everyone who worked to achieve its goals. The building's exterior and interior relate to its function, use materials creatively, and bring the daylight into the spaces beautifully. Other great features of this project are the positive impact on the neighborhood through high-quality design, sensitivity to scale and siting, and the abundance of energy-efficient and learning-enhancing design elements.

What a wonderful and visionary mentoring approach to have the design and construction team participate in seminars and career days to teach students about careers in construction, architecture, and engineering.

Missouri National Recreational River Resource and Education Center

Ponca State Park, Ponca, Nebraska

Design Agency and Firm:
U.S. Army Engineer District, Omaha, Nebraska

Sponsor and Owner:
State of Nebraska, Game and Parks Commission, Ponca State Park, Nebraska

The Missouri National Recreational River Resource and Education Center demonstrates the power of partnering and teamwork on a project with a large, diverse team that was able to overcome complex funding, construction phasing, and team size obstacles to produce facilities that have positive regional impact on recreation, education, and the economy. The project has become a catalyst for the State of Nebraska to re-establish the park's significance in the region. The quality of the architectural aesthetic, functional design, and use of unique construction materials and technology created a facility that is very user friendly and friendly to its natural surroundings. The building's image evokes a strong, memorable connection to the park, and the interpretive display messages build positive attitudes towards the environment and the Missouri River.

Jury Comments:
The project is an excellent contemporary expression of traditional park design. Interpretation begins with the approach and continues through the exhibits to the site development. The plan addresses four functions: park administration, conference, interpretive display, and university laboratory.

The project ardently works to meet sustainability goals, especially in choosing appropriate fixtures to reduce exterior light pollution. The treatment of wastewater with constructed wetlands and recycling is to be commended.

This is a commendable project of which the designers should be justifiably proud.

FLOOR PLAN

Physical Fitness Center
Little Rock Air Force Base, Arkansas

Design Agency:
U.S. Army Engineer District, Little Rock, Arkansas

Design Firms:
C.H. Guernsey & Company, Oklahoma City, Oklahoma (RFP)

Pickering Firm, Inc. Memphis, Tennessee

W.G. Yates & Sons Construction Company, Memphis, Tennessee

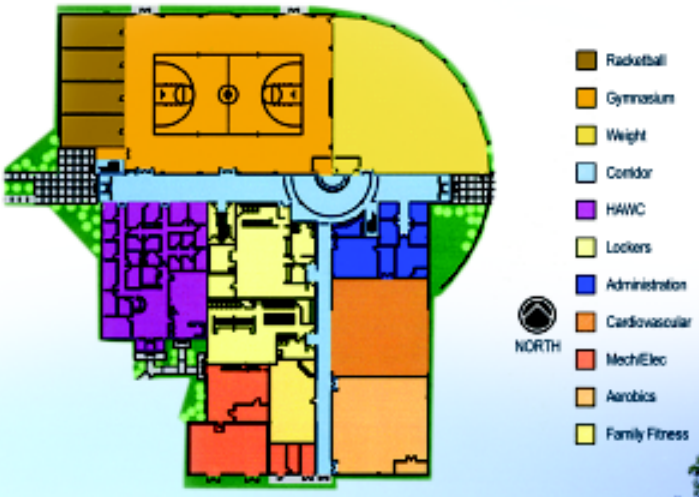
Owner:
Little Rock Air Force Base, Little Rock, Arkansas

The "Jewel on the Hill," nickname for the LRAFB Physical Fitness Center, is a display window promoting physical fitness and creating base excitement. The weight room is the signature element and focal point through the outward visual interaction with the base. It invites the base population to enjoy the rigors of staying healthy. Its glowing, gracefully scaled solution conforms to the scale, materials, and planning of surrounding facilities. The towering sky-lit primary circulation corridor leads the visitors through the interior of the highly functional fitness center.

Jury Comments:
This project demonstrates partnering as it shows the positive effects of coordinated management from beginning to conclusion. The exterior architecture expresses the intended use of the building and integrates it into the context and mission of the base.

The weight room is a signature element and a focal point through the outward visual interaction with the base.

The functionality, the strong design, and the cost savings during construction, all add up to a highly professional and successful project.



C-17 Flight Simulator Facility
Hickam Air Force Base, Hawaii

Design Agency:
U.S. Army Engineer District, Honolulu, Hawaii

Design Firm:
Richard Matsunaga and Associates Architects Inc., Honolulu, Hawaii

Owner:
15th Airlift Wing, Hickam Air Force Base, Hawaii

In 2005, the first of eight C-17 Globemaster air transporters will be home-based at Hickam Air Force Base. The C-17's primary mission is the rapid delivery of troops and cargo, including the new Army Stryker Brigade to be stationed at Schofield Barracks. The C-17 Flight Simulator is a significant facility necessary for training pilots and loadmasters assigned to the C-17 Squadron. The heart of the building is the 40-foot-tall bay that houses the Boeing motion base simulator. The building is laid out with the bay at one end and other functional supporting spaces on either side of a central corridor.

The exterior and details recall the Art Deco style predominant on the base. Bold curves and lines, geometric details, and glass block are all elements of Art Deco. The building's off-white color and brown trim wainscot also fit in with Hickam Air Force Base.

Jury Comments:

This project is well conceived and adapted to the constraint of its site and environment. The design is reminiscent of the Art Deco style prevalent at this base and is pleasing with an interesting detailing at the main entry. The use of glass block, appropriate to the period, is an effective material in allowing light to penetrate while maintaining security and privacy. The floor plan is exceptionally efficient and shows excellent progression of spaces from public to staff work areas.

This is a good planning effort with excellent massing and interplay of building elements; we look forward to the completed project.

Community Activity and Physical Fitness Center

Seoul, Korea

Design Agency:
U.S. Army Engineer District, Far East, Seoul, Korea

Design Firms:
Thomas J. Davis, Jung II Associated, Seoul, Korea

Owner:
IMA-KORO (MWR), Seoul, Korea

The Community Activity Center and Physical Fitness Center currently being constructed at Camp Coiner will combine these two functions into a focal point for the community. This facility will encourage social exchange, an appreciation of other cultures, and development of new skills for soldiers and their families.

The Community Activity Center includes the main lobby, multi-purpose room, recreation room, TV room, snack bar, kitchen, cyber skills center, music rooms, administrative offices, ATM, and outdoor recreation areas. The Physical Fitness Center includes indoor basketball and racquetball courts, exercise equipment rooms, aerobics room, weights room, indoor swimming pool, administrative offices, and laundry.

First Floor Plan

Second Floor Plan

Jury Comments:
This team has succeeded in creating a truly dynamic design for a complex project. The interior layout of the facility is arranged to allow either simultaneous or independent operation of the community activity center and the physical fitness center.

The jury liked the interplay of forms and shapes in a dynamic manner to establish a design with a more human scale.

The introduction of diagonal circulation draws visitors into the central breakout area, which appears to be the gathering location for community functions.

Chief of Engineers Award of Excellence

Pool 8 Islands Habitat Project
La Crosse, Wisconsin

Special Recognition Award

Neches River Saltwater Barrier
Beaumont, Texas

Honor Awards

Swan Lake Ecosystem Restoration Project
Upper Mississippi River System
Calhoun County, Illinois

Federal Creosote Superfund Site Remedial Design
Manville, New Jersey

Merit Awards

Central Indianapolis Waterfront
Capital City Landing, South Park, Indianapolis, Indiana

Island 13 Habitat Restoration, Wilmington Harbor 96 Act Mitigation
Wilmington, North Carolina

Santa Paula Creek
Santa Paula, California

Savanna Open Burning Ground Ecosystem Evaluation, Holistic and Innovative Study of Contaminant Impacts
Savanna Army Depot Activity, Illinois

Chief of Engineers Award of Excellence

Pool 8 Islands Habitat Project, La Crosse, Wisconsin

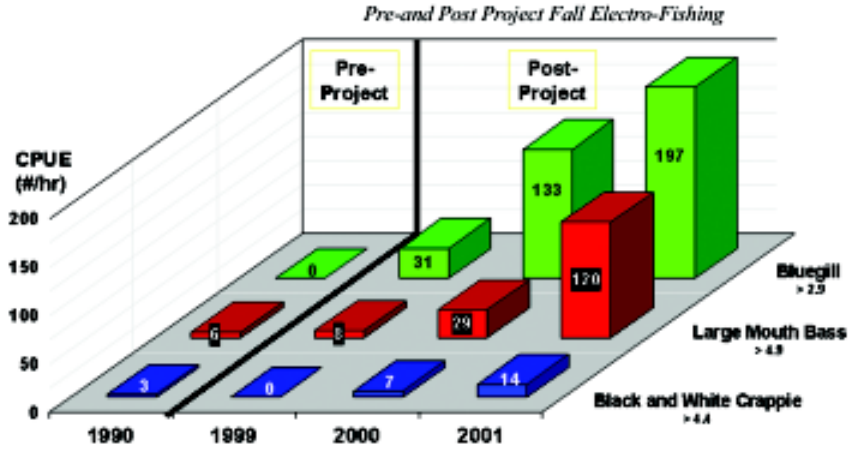
Design Agency: *U.S. Army Engineer District, St. Paul, Minnesota*

Design Firm: *U.S. Army Engineer District, St. Paul, Minnesota*

Sponsor/Owner: *U.S. Fish and Wildlife Service, Upper Mississippi River Refuge, LaCrosse District, Onalaska, Wisconsin*

The Pool 8 Islands Project is a unique, large-scale restoration effort constructed between 1989 and 1999. The form and function of several thousand acres of floodplain and channel were improved to optimize waterfowl, fish, and wildlife habitat. Lessons learned from the project have greatly improved the ability to restore floodplains elsewhere on the Mississippi River. Since the project is located on a national wildlife refuge near a large urban area, it provides educational opportunities to the public regarding the importance of floodplain restoration. The project increases the ability of the Fish and Wildlife Service and Department of Natural Resources to accomplish their missions of providing high-quality fish and wildlife habitat.

Historical Islands 1961 | Pre-Island Restoration 1994 | Post-Island Restoration 2000



Jury Comments:
This comprehensive project documents the success of restoration over time. A combination of hydraulics and geotechnical and biotechnical improvements was used to set an example for successful floodplain restoration along the Mississippi. This is an outstanding example of an engineering solution that has stood the test of time and successfully integrated itself with nature.

Neches River Saltwater Barrier

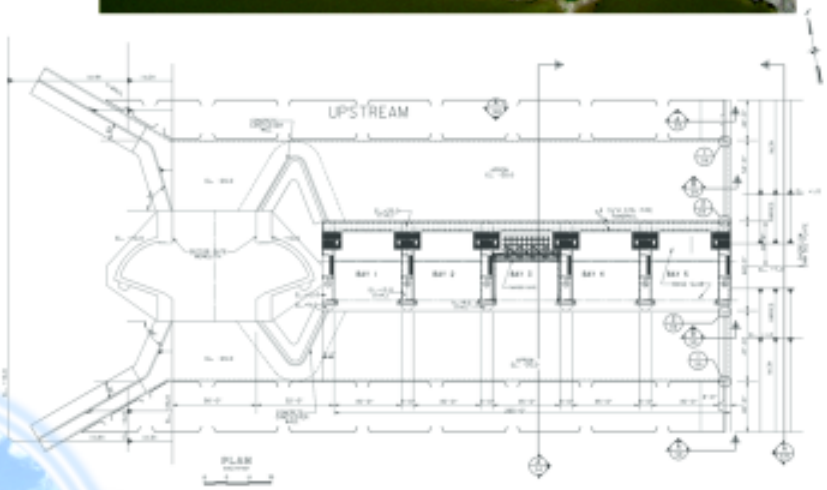
Beaumont, Texas

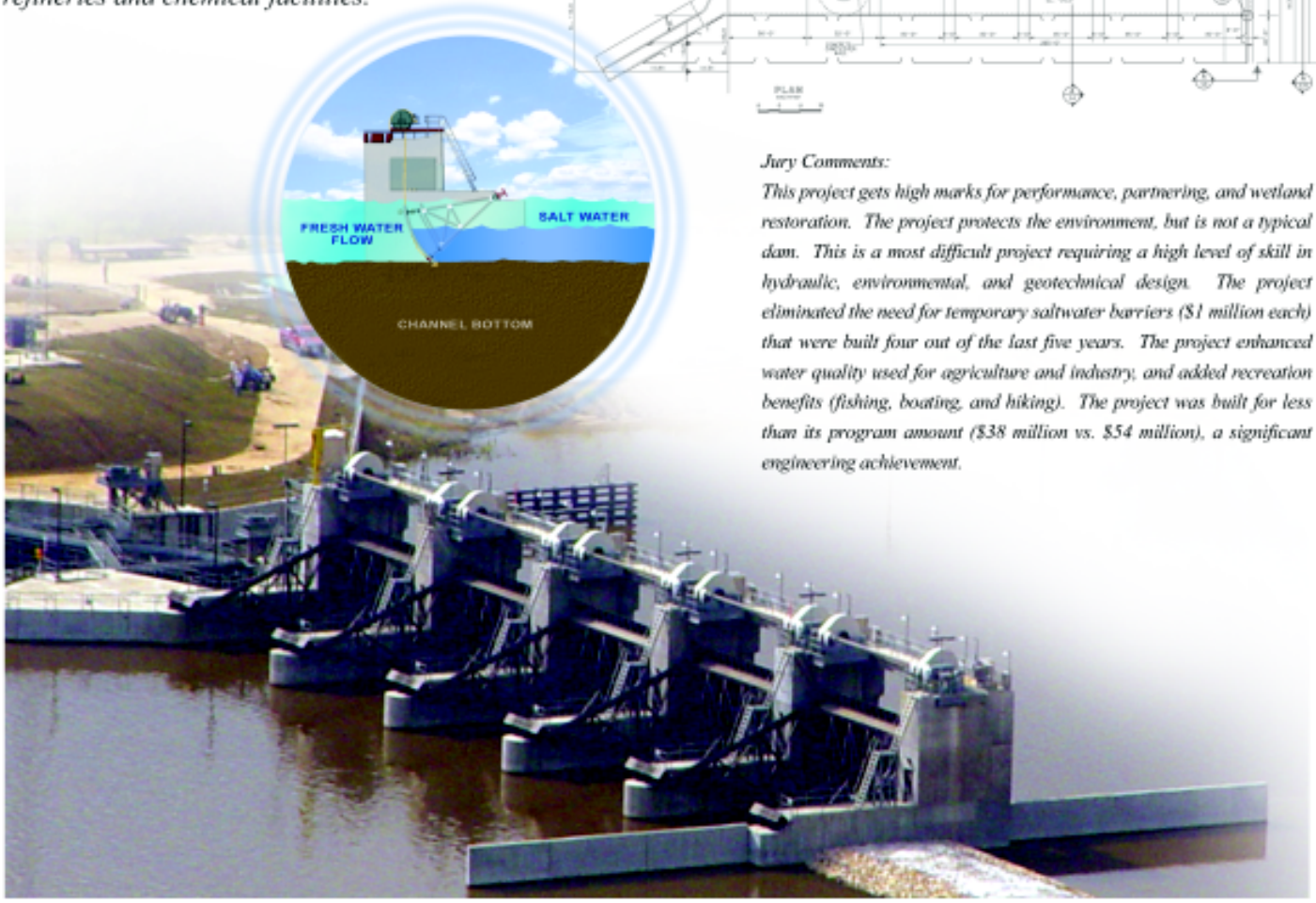
Design Agency:
U.S. Army Engineer District, Galveston, Texas

Design Firm:
Jacobs Engineering Group Inc., St. Louis, Missouri

Sponsor/Owner:
Lower Neches Valley Authority, Beaumont, Texas

Nearly lost in the edge of the Big Thicket National Preserve, the Neches River Saltwater Barrier stands as a fortress to protect upstream water users from the incursion of salt water. This project on the Neches River in southeast Texas provides for a permanent tainter-gated saltwater barrier structure, a navigation gate consisting of a single pair of sector gates, and an earthen overflow dam in the Neches River. A one-of-a-kind project not only protects the water for the city of Beaumont, Texas, but also protects the freshwater supply for agricultural and industrial purposes including 20 percent of the nation's refineries and chemical facilities.





Jury Comments:
This project gets high marks for performance, partnering, and wetland restoration. The project protects the environment, but is not a typical dam. This is a most difficult project requiring a high level of skill in hydraulic, environmental, and geotechnical design. The project eliminated the need for temporary saltwater barriers ($1 million each) that were built four out of the last five years. The project enhanced water quality used for agriculture and industry, and added recreation benefits (fishing, boating, and hiking). The project was built for less than its program amount ($38 million vs. $54 million), a significant engineering achievement.

Swan Lake Ecosystem Restoration Project
Upper Mississippi River System
Calhoun County, Illinois

Design Agency:
U.S. Army Engineer District, St Louis, Missouri

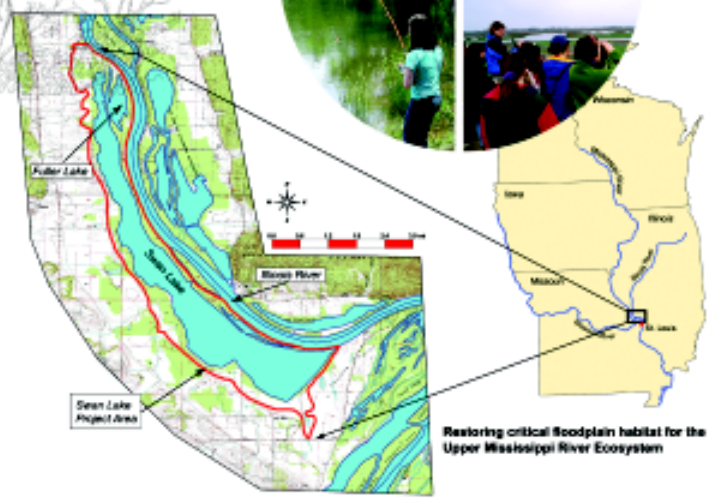
Design Firm:
U.S. Army Engineer District, St Louis, Missouri

Sponsors:
U.S. Fish and Wildlife Service,
Two Rivers National Wildlife Refuge, Brussels, Illinois

U.S. Department of Agriculture,
National Resource Conservation Service, Illinois

Illinois Department of Natural Resources,
Springfield, Illinois

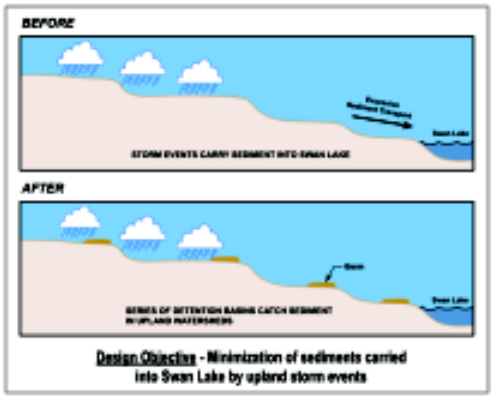
Owner:
U.S. Fish and Wildlife Service, Two Rivers
National Wildlife Refuge, Brussels, Illinois



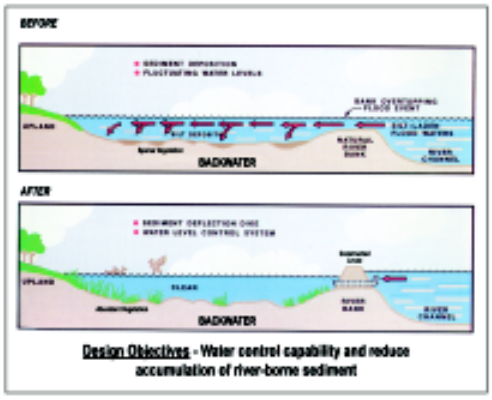
Swan Lake Ecosystem Restoration Project

Swan Lake is exemplary for its simultaneous improvement to both migratory bird and riverine fish habitat, which are often the focus of conflicting management strategies. Over-wintering deepwater fish habitat was created while excavating materials for the creation of wind barrier islands and the other important earthen project features. The project embraces holistic planning directed toward the reduction of erosion and sediment transported into Swan Lake from adjacent upland watersheds. Swan Lake has returned critical ecosystem functions to this backwater complex by using recycled materials in an environmentally sustainable manner.

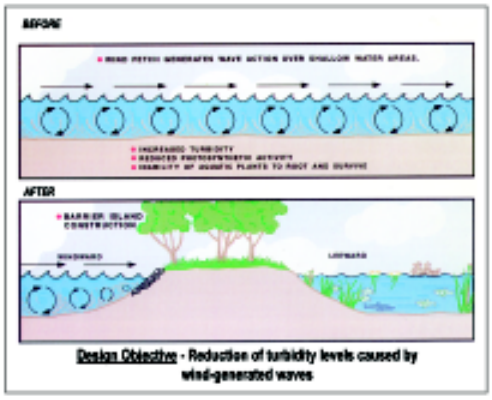
Jury Comments:
Swan Lake demonstrates innovative design ideas, construction practices, and commitment to partnering resulting in restoring an impaired ecosystem. The completed project results in a restored wetland that serves as a vital link in the seasonal migratory bird route as well as improvement in river fish habitat.



Design Objective - Minimization of sediments carried into Swan Lake by upland storm events



Design Objectives - Water control capability and reduce accumulation of river-borne sediment



Design Objective - Reduction of turbidity levels caused by wind-generated waves

Federal Creosote Superfund Site Remedial Design

Manville, New Jersey

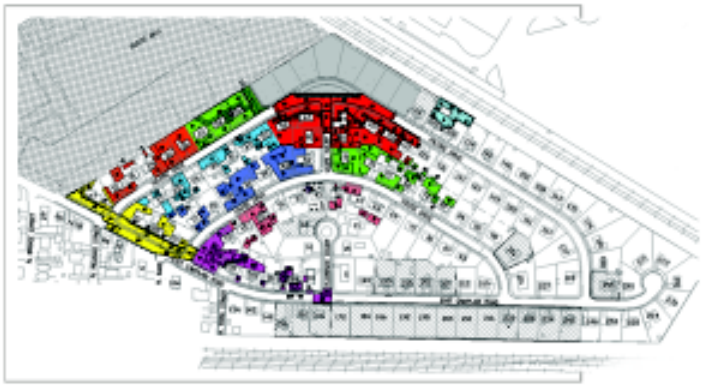
Design Agency and Firm:
U.S. Army Engineer District, Kansas City, Missouri

Construction Agency:
U.S. Army Engineer District, New York, New York

Design Firm:
CDM Federal Programs Corporation, Edison, New Jersey

Owner/Sponsor:
U.S. Environmental Protection Agency, New York, New York

The Federal Creosote Superfund Site is located within a residential community in Manville, New Jersey. The remedial design includes the removal of source product and residual soil contamination, comprised mainly of carcinogenic polycyclic aromatic hydrocarbons. The record of decision mandates excavation of source product and contaminated soil to a depth of 35 feet, which created issues with utilities, structural stability, construction staging and planning, and traffic control. The project team ensured success by conducting frequent review meetings early in the design to meet head-on with issues, inviting input from representatives from the borough, utility owners, constructors, and regulators. Excavations were "pre-verified" during design, enabling the contractor to backfill immediately without waiting for lab results. This enhanced the safety and performance of the cleanup, minimized inconvenience to homeowners, removed uncertainty about the limits of the excavations, and simplified the overall construction.



Jury Comments:
The Federal Creosote Superfund Site Remedial Design deserves recognition for managing three difficult tasks simultaneously: (1) removal of toxic material, (2) keeping many existing homes in place, and (3) allowing for the neighborhood to function during the project.

Central Indianapolis Waterfront Capitol City Landing, South Park

Indianapolis, Indiana

Design Agency:
U.S. Army Engineer District, Louisville, Kentucky

Design Firms:
Sasaki Associates, Watertown, Massachusetts
Fink Roberts and Petrie, Indianapolis, Indiana
AXIS Architecture & Interiors, Indianapolis, Indiana
L'acquis Consulting Enterprises, Indianapolis, Indiana
U.S. Army Corps of Engineers, Louisville, Kentucky

Sponsors:
White River State Park, Indianapolis, Indiana
City of Indianapolis Department of Metropolitan Development, Indianapolis, Indiana

Owner:
White River State Park, Indianapolis, Indiana

The purchase and the removal of the Beveridge Paper Company in 2001 provided the long-awaited opportunity to fill in the missing links and complete the Master Plan vision set in 1994.

The South Park segment was implemented to create a seamless connection to the previously completed Capital City Landing with abundant soft-scape that supports the environmental sustainability. The project's program included creating the new park visitor's building and a series of civic open spaces for all ages and occasions, as well as circulation improvements, including a clear definition of a ceremonial park gateway. The design solution proves that an urban park filled with desired urban functions can still be environmentally responsible.

Jury Comments:
This is the only winning submission that addresses the human environment exclusively.

The project combined master planning, sustainable design, and landscape design to develop a major civic open space from an existing industrial site. Existing and natural materials were used to create a park entry, garden, urban forest, visitor's center, playground, performance lawn, and amphitheater. The features, benefits, and creativity were outstanding for this large recreational area.

LEGEND
1 PARK ENTRY
2 TERRACE GARDEN
3 URBAN FOREST/OVAL LAWN
4 PARK VISITOR'S BUILDING AND GARDEN
5 CHILDREN'S PLAY GARDEN
6 PERFORMANCE LAWN
7 PUMP HOUSE AMPHITHEATER
8 CIRCLE PAVILION
9 PUMP HOUSE FORECOURT

Island 13 Habitat Restoration, Wilmington Harbor 96 Act Mitigation

Wilmington, North Carolina

Design Agency:
U.S. Army Engineer District, Wilmington, North Carolina

Design Firm:
U.S. Army Engineer District, Wilmington, North Carolina

Sponsor:
State of North Carolina, Departmant of Environmental and Natural Resources, Raleigh, North Carolina

Owner:
State of North Carolina, Department of Environmental and Natural Resources, Raleigh, North Carolina

The Island 13 Habitat Restoration Project implemented an innovative mitigation design both to restore a relic disposal area and to replace ecological values lost to historic disposal practices. Mitigation was required to obtain environmental clearances to dredge Wilmington Harbor. The goal was to build a high-value estuarine ecosystem from dredged material to function consistently with the Cape Fear River estuarine ecosystem. The "Design with Nature" approach resulted in a sustainable constructed estuarine ecosystem, appropriate in its setting. Varying slopes and aspects have resulted in a diverse aquatic habitat with a complex pattern of open water, tidal flats, and marsh giving the site a natural appearance and function. The design increased environmental yields such as commercially valuable fish and shrimp, water birds, and wetlands, beyond what could be expected from a design to meet regulatory requirements.

Jury Comments:
Island 13 Habitat Restoration is an excellent example of using technology to handle dredged material and disposal to recreate a very natural marsh construction. The project included great public relations and educational opportunities with the local university, high school, and community.

Santa Paula Creek
Santa Paula, California

Design Agency:
U.S. Army Engineer District, Los Angeles, California

Design Firms:
U.S. Army Engineer District, Los Angeles, California

Sponsor/Owner:
Ventura County Flood Control District, Ventura, California

The Santa Paula Creek Improvements Project provides urban flood protection by creating an in-channel debris basin for Santa Paula, California. High intensity, short-duration rainfall caused extreme overflow laden with debris that endangered life and property. The project protects a 2-mile reach of residential and commercial property, highways, and railways, and prevents damage to water supply and sanitary systems. Deepening and widening the channel enabled designers to meet the goals of flood prevention and increased water capacity, and still meet commercial, wildlife, and public needs. One innovation was the design and construction of a specialized fish passage structure to allow migration of steelhead trout through the project. This in-channel fish ladder, built within the grouted stone invert, is a one-of-a-kind design that will withstand heavy sedimentation and still allow fish passage through the site.

Jury Comments:
The success of this project was achieved by developing appropriate flood control using natural landscaping materials and addressing ecological concerns to enhance the aesthetic quality of the area and protect the migration of trout. Innovative applications included the fish ladder using hardscape materials and vegetation with a drainage channel.

Savanna Open Burning Ground Ecosystem Evaluation Holistic and Innovative Study of Contaminant Impacts

Savanna Army Depot Activity, Illinois

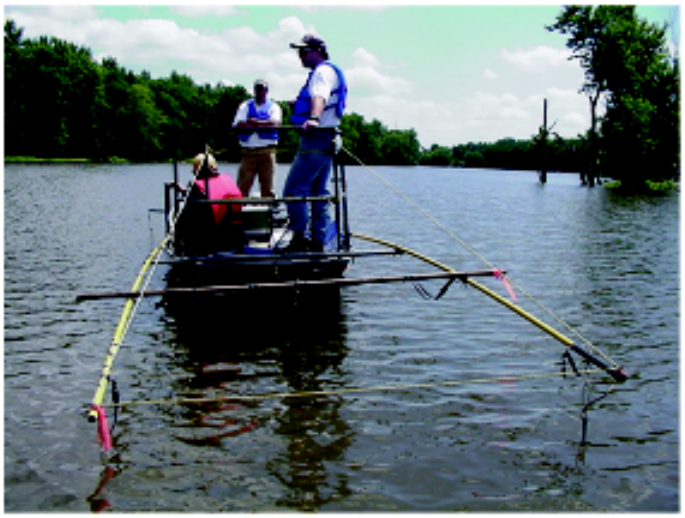
Design Agency:
U.S. Army Engineer District, Louisville, Kentucky

Design Firm:
U.S. Environmental Protection Agency, Chicago Illinois
Illinois Environmental Protection Agency, Springfield, Illinois
U.S. Fish and Wildlife Service, Rock Island, Illinois
Battelle, Richland, Washington
St. Mary's Univerisity, Winona, Minnesota
Center For Health Promotion and Preventive Medicine, Aberdeen, Maryland
MWH Americas Inc., Madison, Wisconsin
Menzie-Cura Associates Inc., Winchester, Massachusetts
Western EcoSystem Technology Inc., Laramie, Wyoming
U.S. Army Engineer District, Louisville, Kentucky
Savanna Army Depot Activity, Illinois

Owner/Sponsor:
Department of Army

The Ecological Risk Assessment (ERA) was conducted for the U.S. Army Corps of Engineers by MWH Americas, Inc. The project's purpose was to determine whether the contaminants in soils, sediments, and surface water resulting from the burning, demolition, and disposal of ordnance materials would pose an ecological concern.

The ERA created cost savings by avoiding extensive remediation. The $2 million ERA reduced cleanup costs from a 1997 estimate of $60-80 million for complete removal to an estimated $20 million to clean up five smaller areas.



Jury Comments:
This is a complex project that required extensive testing and assessment of the levels of contamination and their effect on a number of species. Partnering with a number of stakeholders was critical to ensure that all aspects of the contaminated site had been addressed.

The innovative techniques used in this prototype study have been adopted nationwide for environmental risk assessment. The techniques ensure protection of ecological resources while avoiding radical excavation and complete soil removal.

DESIGN AWARDS

Front Row (L to R): Elizabeth Casquero, Peggy A. Roberson, David W. Blevins, Nancy J. Wightman.
Rear Row (L to R): Henry H. Pope III, Lawrence P. Delaney

ENVIRONMENTAL AWARDS

Front Row (L to R): J. Al Pond, Lisa Zuchelli, Dana S. Jackson.
Rear Row (L to R): Susan L.B. Jacobson, Jeffery T. Hooghouse, James W. Ritter

David W. Blevins, P.E.
Chief Mechanical and Electrical Engineer,
Facilities Engineering
Dewberry & Davis, LLC

Mr. David W. Blevins entered the consulting engineering field from the defense industry in 1974. Since that time he has participated in many engineering projects in both the private and public sectors, including mechanical, electrical, plumbing, and fire protection design for historic buildings, offices, industrial facilities, housing, and laboratories; HVAC and electrical design for transportation facilities; water and wastewater treatment; and specialized studies in grounding and lightning protection. Mr. Blevins is licensed as a Professional Engineer in a number of states and holds a Bachelor of Mechanical Engineering degree from the University of Virginia and a Master of Science degree in Electrical Engineering from Virginia Tech. Mr. Blevins is a member of the American Society of Heating, Refrigerating and Air-Conditioning Engineers and the Institute of Electrical and Electronics Engineers.

Lawrence P. Delaney, AIA
Director of Project Management
Office of the Architect of the Capitol

Mr. Lawrence P. Delaney is the Director of Project Management for the Office of the Architect of the Capitol. He previously served at Headquarters, U.S. Army Corps of Engineers (USACE), as the first Chief Architect of USACE. Mr. Delaney has served as Chief, Architecture/Project Direction, and Project Director, Medical Facilities Office, USACE, Washington, DC; Architect (Team Leader), Chesapeake Division, Naval Facilities Engineering Command, Washington, DC; Director of Engineering, and Supervisory Architect, Marine Corps Combat Development Command, Quantico, VA; and Architect at the Naval Surface Weapons Center, Dahlgren, VA, and Marine Corps Combat Development Command, Quantico, VA. Mr. Delaney is a Registered Architect in the Commonwealths of Virginia and Pennsylvania, a member of the American Institute of Architects, and is certified by the National Council of Architectural Registration Boards. He is the recipient of the U.S. Marine Corps Commendation for Meritorious Civilian Service, the U.S. Marine Corps Award of Merit for Group Achievement, and the U.S. Army Meritorious Civilian Service Award.

Peggy A. Roberson, RID
Lead Interior Designer, Savannah District
USACE Interior Designer of the Year, 2003

Ms. Peggy A. Roberson received a Bachelor of Science in Interior Design with Architecture from Texas Christian University. She is a Registered Interior Designer in Texas. Ms. Roberson represented the Savannah District on issues related to Federal Interior Design at the Federal Interior Design Round Table, Eastern Region, 2001. As a corporate interior designer for 2 years, she was responsible for all interior design required by the facility management department of a worldwide corporation. For 13 years Ms. Roberson was an Interior Designer with the U.S. Army Engineer District, Fort Worth. She is presently Lead Interior Designer at the U.S. Army Engineer District, Savannah, where she is responsible for the in-house interior design military projects. In 2001 Ms. Roberson received the Charles F. Trainor Team Award from the Savannah District for the Combat Aviation Barracks for which she developed the interior design requirements and evaluated proposals of the Request for Proposal of the largest design-build military construction project ever executed by the Corps. She has also received awards for her work on the Naval Reserve Center, Fort Jackson, SC, and the Separate Battalions Barracks Complex Phase I/II, Fort Bragg, NC.

Elizabeth Casqueiro, AIA
Managing Director, AIA Alliances

Ms. Elizabeth Casqueiro joined the American Institute of Architects (AIA) in May 2003 as Managing Director, Alliances, on the AIA Community team. Ms. Casqueiro provides management oversight of programmatic needs of member constituents such as the College of Fellows, Large Firm Roundtable, Young Architects Forum, National Associates Committee, Educator Practitioner Net, and the Cornerstone Partners program. She provides oversight to architecture education, internship, and the IDP, and is a member of the AIA Board Diversity Discussion Group. Ms. Casqueiro comes to the AIA from a position as Head of Property and Facilities Management with the European Bank in London. She formerly worked with the World Bank and the Inter-American Development Bank in Washington, DC, as a Project Manager and Designer, respectively. Additionally, Ms. Casqueiro has worked as an architect for several private architectural firms, including SOM in Washington, DC. She was the 2003 President of the Board of Directors of the American Institute of Architects London/UK Chapter. She holds a Bachelor of Arts in Interior Design from the Instituto de Arte e Design in Lisbon, a Master of Architecture from the Catholic University of America, as well as a Master of Arts in International Business Management from the University of Westminster in London.

Henry H. Pope III
Regional Landscape Architect
US Army Corps of Engineers, Mobile District
USACE Landscape Architect of the Year, 2003

Mr. Henry H. Pope III holds a Bachelor of Landscape Architecture degree from the North Carolina State University, and is a registered landscape architect in the State of North Carolina. As Regional Landscape Architect, Mr. Pope provides landscape architectural and site design support to the natural resources program of river and lake projects in western-central Alabama and eastern Mississippi. Mr. Pope came to the U.S. Army Corps of Engineers, Mobile District, in 1978 from a private practice that included commercial, institutional, governmental, and private clients. As a staff Landscape Architect, he assisted with civil works master plans and prepared landscape plans and specifications. He leads multidisciplined teams preparing recreation master plans for water resource projects. In addition, Mr. Pope individually prepared historic landscape assessments, developed land use plans, designed interpretive exhibits, and coordinated their production. His work often overlaps other design fields including architecture, interior design, and interpretive exhibit design. His work received two Honor Awards in the Chief of Engineers Design and Environmental Award Program.

Nancy J. Wightman, IIDA, LEED A P
Director, Washington Metro City Center,
IIDA Mid-Atlantic Chapter
Senior Interior Project Designer, HDR

Ms. Nancy J. Wightman has more than 30 years of experience in the field of interior design and has designed over 8 million square feet of Federal, health care, academic, and commercial space. Her responsibilities include program analysis, space planning, interior architecture and design, furnishings design, and specification and budget analysis for a range of facilities. She is currently acting as the Director of the Washington Metro City Center of the Mid-Atlantic chapter of International Interior Design Association (IIDA). Ms. Wightman received her Bachelor of Science degree in Interior Design from Purdue University. She is a Registered Interior Designer in the Commonwealth of Virginia and a Licensed Interior Designer in the District of Columbia. She is also accredited by the Leadership in Energy and Environmental Design . Ms. Wightman has been awarded several awards including Excellence in Historic Preservation for the Auditors Building from the American Society of Interior Designers and American Institute of Architects; and First Place for Excellence in Healthcare, Santa Engracia Hospital, Monterrey, Mexico, from IIDA. Her professional affiliations include IIDA WMCC Forums Coordinator; American Society of Interior Designers; Interior Design Advisory Board of Marymount University and Mt. Vernon College; and Guest lecturer on Sustainable Design for George Washington University.

Jeffery T. Hooghouse, AIA, AVS
USACE Architect of the Year, 2003
Headquarters, U.S. Army Corps of Engineers

Mr. Jeffery T. Hooghouse is an Architect at the Headquarters (HQ), U.S. Army Corps of Engineers (USACE), where he currently serves on the Commander's Staff Group. His professional experience includes 5 years in private architectural practice. Mr. Hooghouse's Federal service began in 1990 as a Master Planner/Base Architect for the U.S. Coast Guard in Portsmouth, VA, where his duties ranged from planning and programming to design and construction management of small to multimillion-dollar projects. He started his USACE career in 1992 as an Architect at the Norfolk District. He was Project Architect for several multimillion-dollar projects for the Army and Air Force and served as the USACE worldwide Technical Expert and Program Manager for Army Dining Facilities and Criminal Investigations Division Centers. Since 1997 Mr. Hooghouse has served in HQ as the Program Manager for several of the Army's largest facilities initiatives. Mr. Hooghouse is a Registered Architect, licensed in the District of Columbia and certified as an Associate Value Specialist by SAVE International. He represents the Corps on the Federal Agency Liaison Group for the American Institute of Architects. His undergraduate education is in engineering technology at the University of Central Florida.

Susan L.B. Jacobson, FASLA
President, American Society of Landscape Architects
Bartells/Jacobson Design

Ms. Susan L. B. Jacobson is the founder and owner of Bartells/Jacobson Design, a private design firm in suburban Chicago. A successful landscape architect in private and public practice since 1978, she opened her own firm in 1990. Ms. Jacobson has maintained strong ties to the public agency sector, specializing in public work, park and recreation design, and commercial landscape planning. Her areas of expertise include extensive work on site circulation improvements for pedestrians, cars, and busses; recreation facilities planning; consensus facilitation with clients, users, and allied professionals; renovation of existing facilities, protecting the integrity of the site while addressing accessibility and safety issues; creation of new sites; and collaboration with related design professionals in community outreach projects. Ms. Jacobson has been an active member of ASLA since 1982, was elected to the ASLA Council of Fellows in 1995. She has held numerous offices at both the state and national levels. In addition to her volunteer work with the Society, she has presented lectures for the Garden Clubs of Illinois, the University of Illinois Landscape Architecture Program, the Chicago Chapter of Women in Architecture, and area schools. Ms. Jacobson has a Bachelor of Landscape Architecture degree from the University of Illinois, Champaign-Urbana.

James W. Ritter, FAIA
Principal, James William Ritter Architect

Mr. James W. Ritter received his Bachelor of Architecture from Virginia Tech . He has 31 years of experience in architectural planning and design, which have produced twenty-five AIA design awards, eight Masonry Institute awards, and one First Prize in a national competition. Mr. Ritter has been an adjunct professor at Virginia Tech's College of Architecture since 1981, where he regularly conducts courses in practice and design. He is certified by the National Council of Architectural Registration Boards and has given lectures on architecture at the Smithsonian Institute. His work has seen national publication in American Architects, A Survey of Award Winning Architects and Their Works, and most recently in a new book on ecclesiastical projects, Architecture for the Gods. Mr. Ritter was elevated to the College of Fellows of the American Institute of Architects in 1991 on the basis of his architectural designs. In 2002 he was awarded the William C. Noland Medal: "the highest honor bestowed by the Virginia Society AIA to a member architect, the Noland Medal is intended to honor a distinguished body of accomplishments, sustained over time, that spans a broad spectrum of the profession, and which transcends the scope of normal professional activities."

Dana S. Jackson, P.G.
Senior Environmental Engineer
Horne Engineering Services, Inc.

Mr. Dana S. Jackson earned his Bachelor of Science degree in Geology from Virginia Tech and his Master of Science degree in Sedimentology and Stratigraphy from the University of Cincinnati. He is a Registered Professional Geologist with more than 18 years of experience. Mr. Jackson has worked for both the Federal and private sectors and now is providing technical assistance to the Federal Aviation Administration Headquarters' national environmental and energy program to implement energy-efficient technologies from fuel cells to free cooling. He has resently completed the first investigative phase for a project funded by the U.S. Environmental Protection Agency through the Hazardous Substance Research Center/South and Southwest (HSRC), for the Anacostia River, located in Washington, DC. The HSRC investigation provides a comprehensive site investigation to support a comparative analysis and validation of innovative "active capping" technologies. Mr. Jackson is also an active member of the Society of American Military Engineers Environmental Affairs Committee.

J. Al Pond, P.E.
President, Pond & Company

Mr. J. Al Pond serves as the President and Chief Executive Officer of Pond & Company, Atlanta, GA, a multidiscipline engineering and architectural firm. He is responsible for the overall management of his firm, which provides planning, design, and construction management services for projects with annual construction values ranging from $100 to $160 million. Prior to joining Pond & Company, Mr. Pond was associated with the Stone & Webster Corporation in Boston and the Georgia Department of Transportation. He graduated from the Virginia Military Institute with a Bachelor of Science degree in Civil Engineering, and received a Master's Degree in Civil Engineering from the University of Virginia. He is both a registered Civil Engineer and Land Surveyor. Mr. Pond is active in the American Council of Engineering Companies and has previously served as a national director and president of the Georgia member organization. He is past President of the Georgia Chapter of the Society for Marketing Professional Services and has been active in the Society of American Military Engineers, National Society of Professional Engineers, and Professional Services Management Association.

Lisa Zuchelli, CESM
Director or Operations, J.M.Waller Associates, INC.

Ms. Lisa Zuchelli received a Bachelor of Arts degree in Communications and a Master of Science degree in Biology from George Mason University, Fairfax, VA. She is a Registered Environmental Manager (REM) and Certified Environmental Systems Manager (CESM), National Registry of Environmental Professionals. As Director of Operations for J. M. Waller Associates, Inc., Burke, VA, she provides environmental program management and project execution oversight to DoD, Federal agencies, and commercial clients. Ms. Zuchelli is the corporate proponent for quality management principles and provides technical guidance for environmental management system initiatives. As former Environmental Policy Specialist with the Logistics Management Institute, Energy and Environment Division, McLean, VA, she assisted DoD and other Federal and civil agencies with environmental program management, policy development and implementation, environmental training, regulatory compliance, and analysis needs. She developed award-winning U.S. Postal Service strategy for National Environmental Policy Act (NEPA) compliance, revised NEPA implementing regulations, wrote manuals and management instructions, developed operational and facility NEPA checklists, and created and taught field-level NEPA courses.

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Ms. Patricia A. Rivers, P.E.
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Mr. Frank A. Norcross, AIA, IIDA
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