



FRESH KILLS: LANDFILL TO LANDSCAPE

INTERNATIONAL DESIGN COMPETITION : 2001



About the Competition

To take advantage of the potential for the adaptive end use of this unique site, the City conducted a two-stage International Design Competition to foster the development of a master plan for Fresh Kills. The goal was to attract the best talent, worldwide, to generate ideas and innovative designs that meet the needs of the City's communities, and that respond to the natural and constructed history of the site.

On December 18, 2001 the Department of City Planning announced the three teams ranked highest by the jury in the international design competition. The three teams were:

Field Operations, Philadelphia, PA and New York, NY (First Place)

James Corner
Field Operations
234 N 2nd Street, Suite 2S
Philadelphia, PA 19106
E-Mail Address: info@fieldoperations.net

JMP Landscape and John McAslan + Partners, London, England, UK (Second Place)

Lucy Jenkins
JMP Landscape and John McAslan + Partners
202 Kensington Church Street
London, England
UK W8 4DP
E-Mail Address: l.jenkins@mcaslan.co.uk

RIOS Associates, Inc., Los Angeles, CA (Third Place)

Elizabeth Benbrooks
RIOS Associates, Inc.
8008 West 3rd Street
Los Angeles, CA 90048
E-Mail Address: liz@rios.com

Each of these firms led a collaborative team of leading creative and technical consultants including firms specializing in landfill engineering, environmental and transportation engineering, ecological scientists, and economists. Each proposal offers a distinctive, alternate vision to be considered in the development of an End Use Master Plan. Yet all three proposals,

in response to the city's design objectives, have in common a vision of a park that includes the active recreational needs of Staten Islanders and that also values and restores the delicate ecology of the site.

The award winning jury included internationally renowned professionals in the fields of architecture, landscape architecture, and environmental sciences, as well as senior public officials with detailed knowledge of the Fresh Kills site.

The competition was run by the Department of City Planning, with the assistance of the Departments of Sanitation, Parks and Recreation, and Cultural Affairs, and the Municipal Art Society, a private, non-profit organization that promotes excellence in urban planning and preservation. Professionals in design, engineering, ecology, art and planning were invited to form design teams during the first stage. As part of the second stage of the competition, six teams were selected to prepare a Conceptual Design and Planning Approach. The City negotiated and contracted with a winning team to prepare a Draft Master Plan required to guide the phased end use of the site.



Competition Overview

Open Solicitation

The initial competition stage was an open solicitation. Professionals worldwide were invited to make proposals as Principal Creative Consultant and Team Leader for the formation of multi-disciplinary design teams to prepare a Conceptual Design and Planning Approach for the end use of the Fresh Kills Landfill. A broad range of creative and technical expertise was encouraged. Teams could include landscape architects, architects, ecologists, planners, engineers, artists, graphic designers and others at the discretion of those firms submitting proposals. Qualifications, approach and price effectiveness were evaluated according to criteria contained in the Request for Proposals (RFP). Based on review of these first round proposals, six teams were selected to prepare and present their Conceptual Design and Planning Approaches. Participants received an honorarium to help defray expenses.

Jury

In the second stage of the International Design Competition, the finalists' Conceptual Designs and Planning Approaches were judged by a jury comprised of internationally renowned professionals in design and related disciplines that are relevant to the end use design of the Fresh Kills site, as well as representatives of the government and the community.

The jury was comprised of internationally renowned professionals in design and related disciplines that are relevant to the end use design of the Fresh Kills site, as well as representatives of the government and the community. They were:

Angela Danadjieva, UIA	Principal, Danadjieva & Koenig Associates Planners, Urban Designers, Landscape Architects, Architects Tiburon, CA
Charles Gwathmey, FAIA	Principal, Gwathmey Siegel & Associates Architects, New York, NY
Laurie D. Olin, FASLA	Principal, Olin Partnership Landscape Architects, Philadelphia, PA
Dr. Phil Shaw	Environmental Consultant; Lecturer University of East London, London, UK
Joel A. Miele, Sr., PE	Commissioner of New York City Department of Environmental Protection; Former Member of City Planning Commission
Thomas Paulo	Staten Island Borough Parks Commissioner
Joseph B. Rose	Acting Chairman and Director, NYC City Planning Commission
Eamon Moynihan	Deputy Secretary of State, NYS Department of State

Competition Finalists

Six teams were chosen in August, 2001 to participate in the Fresh Kills Landfill to Landscape international design competition. In December the competition jury reviewed and evaluated the submissions.

Representing a range of outstanding design and planning professionals, the six competition finalists were:

Field Operations Philadelphia, PA / New York, NY

GeoSyntec Consultants

Arup Partnership

Applied Ecological Services

Hamilton, Rabinovitz & Alschuler

Tomato

L'Observatoire International

Richard Lynch

Paul Kerlinger

Stan Allen/James Corner, Landscape Architecture

Landfill Engineering, Closure / Post-closure Implementation
and Remedial Design

Transportation, Infrastructure, Civil, Hydrological and
Environmental Engineering

Habitat Restoration and Ecological Management

Economic Analysis and Policy Strategy

Media and Communications Art

Lighting Design

Plant and Wetland Ecology

Wildlife and Avian Ecology

Hargreaves Associates Cambridge, MA

Polshek Partnership Architects

Sadat Associates, Inc.

Landscape Architecture and Planning

Transportation, Infrastructure, Civil, Architecture and Urban
Design

Landfill Engineering

Allee King Rosen & Fleming, Inc.
Sustainable Science
Moffatt & Nichol Engineers
Economic Research Associates
Doug Hollis
Zetlin Strategic Communications
Ralph Appelbaum Associates
Chris Grubbs

Environmental Engineering
Wetland Specialist
Civil, Utility and Marine Engineering
Economic Development Consultant
Artist
Community Participation Facilitator
Programming
Architectural Illustrator

**Mathur/da Cunha + Tom Leader
Studio
Berkeley, CA**

**Landscape Architecture and
Planning**

Anuradha Mathur, Dilip Da Cunha / Mathur
& Da Cunha
John Kaliski / Urban Studio
Arup Partnership

Steven Apfelbaum / Applied
Ecological Services
Leah Levy

Architecture, Landscape Architecture and Planning

Architecture, Urban Design and Public Outreach
Transportation, Infrastructure, Civil, Hydrological and
Environmental Engineering
Habitat Restoration and Ecological Management

Art Curator / Artist Coordination

**JMP Landscape and
John McAslan + Partners
London, England, UK**

Landscape Architecture, Architecture

Arup Partnership

Bioscan Environmental Consultancy
Public Art Fund, New York City
Davis Langdon & Everest and
Davis Langdon & Seah International

Transportation, Infrastructure, Civil, Hydrological and
Environmental Engineering
Environmental and Ecological Restoration
Public Art
Project Cost and Value Management

**RIOS Associates Inc.
Los Angeles, CA**

Landscape Architecture

URS Corporation
Wallace, Roberts & Todd
Roger Sherman
Amy S. Greene Environmental
Margie Ruddick Landscape
John Ingersoll
Geto & de Milly
Greg Lock
Almond Zigmund
Martine Kaczynski
Matt Bakkom

Environmental Consultants and Civil Engineering
Landscape Architecture and Planning
Architecture and Urban Design
Environmental Consultant and Ecologist
Landscape Architecture
Alternative Energy Consultant
Community Process Consultant
Artist
Artist
Artist
Artist

Center for Land Use Interpretation
William L. Rathje
The Garbage Project

**Sasaki Associates, Inc.
Watertown, MA**

Urban Instruments, Inc.

ENSR International

E. Gail Suchman

Hamilton, Rabinovitz & Alschuler

Steven N. Handel

Landscape Architecture, Urban Design and Planning

Landscape and Urban Design

Ecology and Environmental Engineering

Public Participation and Environmental Regulations

Economic Development

Ecology and Environmental Controls

The Professional Advisor was

William H. Liskamm, FAIA, San Francisco, CA. He was supported in this work by Gavin Keeney, MLA, Director of Landscape Agency New York.



PLANNING AND DESIGN

What has occurred on the landfill, and will continue to occur after the landfill closes, is a dynamic interplay of activities and engineered components working together to make the landfill safe and stable. This is one of the most critical things to comprehend as plans are made to guide its future evolution.

In tandem with the environmental and engineering work of closure and post-closure, the city laid the groundwork for development of a master plan for shaping the future use of the Fresh Kills site. It will be an evolving, long-term plan describing city facilities on the site, physical and regulatory constraints and opportunities presented by the site (which, because of the nature of landfills, will change gradually over the next 30 years). Additionally, general and specific future uses of the site, their scope and their phased implementation will be outlined. The master plan will also include images showing how the site will look as those uses develop over time.

The planning effort was carried out in consultation with an Interagency Task Force of representatives from relevant city, state and federal agencies. As the basis of the Competition Design Brief, the document provided competition participants with the background needed to create, test and refine their concepts.

To make sure that the affected public would have a say in the planning process, the city launched a community outreach program. A series of public meetings and forums began in

March 2001 to give Staten Islanders and others an opportunity to ask questions about and participate in planning for Fresh Kills.

The Department of City Planning met with Staten Islanders, inclusive of the Borough President, the Borough Board and Stakeholders to go over the project and get their input prior to the competition. Meetings were held with community members including three evening Community Workshops hosted by Community Boards 1,2 and 3 and the Department of City Planning. (Invitations were extended to citizens, citizen groups and posted on the Fresh Kills Web Site). The Municipal Art Society sponsored three public forums that covered more general information about landfills.

Finally the Competition jury presentations were held on a Saturday and were open to the public and a Public exhibit of the six competitors work was held at the Staten Island Institute of Arts and Sciences (SIASS). The public exhibit continued at MAS and then to the Agency where it was on exhibit through March of this year.

After the competition MAS held three forums with the three selected competitors for presentation and a question and answer period.

In April, 2002, we presented with MAS "Creating a New Fresh Kills: Balancing Environmental, Design and Community Priorities" at the Staten Island Tripod: Borough/Suburb/Regional Link: 2002 New York Real Estate Forum City Roundtable sponsored by The Steven Newman Institute (Baruch College), Office of SI BP and Crain's New York Business.

Draft Master Plan

Following the International Design Competition, the City awarded a contract to Field Operations for the preparation of a Master Plan for the Fresh Kills site.



Sponsors and Partners

This project is sponsored by New York City's Departments of City Planning, Sanitation, Cultural Affairs, and Parks and Recreation, and the Municipal Art Society, a private non-profit organization that promotes excellence in urban planning and preservation. Funding for this project was provided in part by the New York State Department of State with funds provided under Title II of the Environmental Protection Fund. Additional support for the competition and public programs has been provided to the Municipal Art Society by the National Endowment for the Art, the New York State Council on the Arts, the New York City Environmental Fund, HSBC Bank USA, J. M. Kaplan Fund, Merck Family Fund, NRG Arthur Kill Operations, Inc., the Richmond County Savings Bank and SI Bank & Trust Foundation.

AGENCY.COM, a leading e-business builder in global markets, has committed their time and interactive expertise, on a pro bono basis, to develop and implement the Fresh Kills Landfill to Landscape website with New York City's Department of City Planning.

Adobe Systems Incorporated, builder of award-winning software solutions for Network Publishing, has donated their expertise and software to the construction of this website.

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