

BROWN, VENCE & ASSOCIATES, INC.

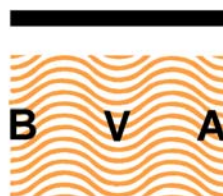
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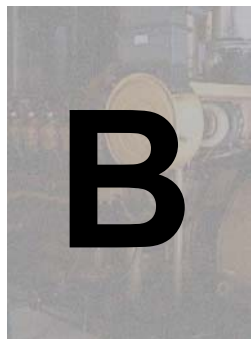
**Solid Waste Landfill
Consulting Services**



SERVICES

- LANDFILL SITING AND DESIGN
- PERMITTING AND REGULATORY REPORTING
- ENVIRONMENTAL CONTROL SYSTEMS DESIGN
- CLOSURE PLANS AND POST-CLOSURE MAINTENANCE
- OPERATIONS MANAGEMENT
- CONSTRUCTION MANAGEMENT
- ECONOMIC ANALYSIS AND RATE REVIEW
- INDEPENDENT REVIEW FOR BOND FINANCING
- EQUIPMENT AND SERVICES PROCUREMENT
- CONTRACT DRAFTING AND NEGOTIATION
- SYSTEM PLANNING AND OPTIMIZATION

Since 1979, BVA has provided practical, hands-on engineering and management services to a broad range of public and private landfill owners in the U.S. and internationally. BVA has a diverse staff of engineers, planners, construction managers, and economic analysts to meet our clients' needs.



Land disposal occurs within a very complex regulatory environment, and BVA provides its clients with full-service assistance in negotiating this difficult terrain.

Siting and Site Expansion

Considering a new site or an expansion? BVA provides site feasibility analysis, including identifying and comparing alternative sites using appropriate technical, environmental, economic, and social criteria. We then perform the tasks necessary to obtain the required permits.

Permitting and Regulatory Compliance

BVA has successfully permitted dozens of new and expanding facilities. We regularly negotiate practical alternatives for least-cost compliance and provide ongoing regulatory permit assistance.

Environmental Control Systems

Stay ahead of potential problems by addressing environmental control of landfill gas, leachate, and groundwater. BVA provides full design, permitting, construction, and operations services to ensure regulatory compliance.

Closure and Post-Closure

Reduce your capital and long-term post-closure costs with an effective design. BVA prepares closure and post-closure plans and designs, as well as construction plans. We also provide construction management services. Our plans and designs incorporate least-cost lifecycle options that have saved our clients millions of dollars.

Management Options, System Planning, and Implementation

BVA provides management consulting expertise for optimizing your long-term disposal system. Are there opportunities for savings on a system basis? Should you consider joining or forming a regional agency? Will privatization reduce costs and lower risks? BVA can assist you in answering these questions and in implementing the necessary institutional, technical, and financial solutions to reach your goals.

Operations and Economic Review

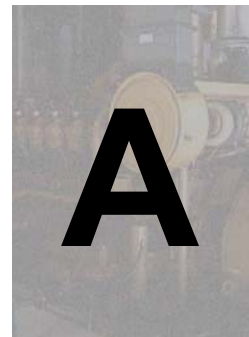
Reduce your landfill operation costs through improved efficiency, contract compliance, review of costs and rates, and negotiation with service contractors. Significantly extend the life of your landfill with proper selection of fill methods, daily cell sequencing, alternative daily and interim cover, and compaction options. BVA can assist you in making the optimal choices.

Landfill Gas-to-Energy

Turn a liability into an asset with a LFG-to-energy project. BVA assists clients in project development; evaluation of gas flow and energy content; permitting, construction, and start-up; regulatory compliance and monitoring; technology selection; development of power sales agreements; financing; and utilization of tax benefits and government subsidies.

Planning and Budgeting Services

BVA assists clients in developing alternative solutions, selecting a preferred option, and then developing and implementing a master plan and budget.



**BROWN, VENCE & ASSOCIATES, INC.
CORPORATE HEADQUARTERS**

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