



**D&B ENGINEERS  
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## Brownfields Redevelopment

### SERVICES INCLUDE:

*Phase I and Phase II Environmental Site Assessments*

*Human Health and Environmental Risk Assessments*

*Remediation Plan Development*

*Integration of Remediation with Site Development*

*Remedial Design and Construction Supervision*

*Institutional Controls/Environmental Land Use Restrictions*



D&B Engineers and Architects, P.C. (D&B) has gained extensive experience in the assessment and remediation of contaminated properties as a result successfully completing over 70 Superfund projects and numerous projects at non-registry sites. These projects have included preliminary site assessments, remedial investigation/feasibility studies, remedial design, and remedial construction supervision.

D&B has a wide range of experience in investigation techniques, including non-intrusive screening surveys and standard subsurface exploratory methods. Having conducted treatability studies and pilot tests involving the evaluation of many different technologies. D&B also has a thorough knowledge of remedial technologies. Engineering designs for a wide array of remedial measures including removal, treatment and containment have been proposed by D&B personnel. Construction supervision for the implementation of these measures was also provided.

D&B has also developed a number of remedial plans for contaminated sites, which have integrated remediation with site development and improvement, and have resulted in little or no cost for remediation. These plans have been prepared for both active sites that have enhanced facility operation and for inactive sites that have allowed the redevelopment of contaminated properties. Examples of these projects include: the consolidation and isolation of contaminated soil with an asphaltic surface, providing for an additional parking area and facility access at an active rail car maintenance and fabrication plant in Elmira, NY; and the recycling of contaminated soil at a former tool machining and metal plating facility as aggregate in the on-site manufacturing of asphalt for

roadways and parking areas for a new retail shopping center in Somerville, MA.

Recently, D&B developed a remediation plan for a 113-acre former dredge spoil disposal site, and a municipal and industrial landfill in Buffalo, NY. These plans provided a matrix of remediation measures based on potential site uses, including residential, recreational, commercial and light industrial development. With this innovative and flexible approach, the site was open for an array of development options and not restricted through the selection of a single remediation approach.

Currently, as part of a waterfront revitalization program for the City of Glen Cove, NY, D&B is involved in the development and implementation of a remediation plan for a former landfill and dredge spoil disposal site that includes the planned construction of a conference center, retail shopping area, ferry terminal, and passive recreational facilities on the site.

D&B has a thorough knowledge and understanding of the Brownfield Program and the Risk-Based Corrective Action (RBCA) approach for investigation and remediation of contaminated sites. Staff have served as members of the Working Committee in the development of the New York State Voluntary Cleanup Program, on the New York State Business Council Remediation Subcommittee to develop Brownfields legislation in New York State, and on the Mayor's Task Force to develop a Brownfields Program for New York City. Staff are also experienced in other states' programs to redevelop contaminated properties, such as the Massachusetts Contingency Plan and Connecticut Remediation Standards Regulations.

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