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Materials Recovery Facilities

SERVICES INCLUDE:

Design and Procurement Contract Negotiations Performance Evaluation

- Process Expansion Improvement
 - Enhanced Worker Safety and Ergonomic Design

D&B Engineers and Architects, P.C. (D&B) established its position as a leader in the area of Materials Recovery Facilities (MRFs) in 1983, when we originated the concept of integrated solid waste management and demonstrated the importance of MRFs to the success of integrated solid waste management systems. Since then, D&B has remained at the forefront of MRF development and improvements through its client services in the areas of design, competitive procurement, performance evaluations, process redesign and expansions, and cost-effectiveness programs.

D&B's continuous involvement in MRF developments, expansions, and procurements of operations contractors has allowed clients to immediately benefit from advances in the industry. This has provided our clients with lower the fees paid to operations contractors by nearly 50%, while gaining improved contractual performance. Our involvement also gives clients access to the latest information on equipment performance and process systems design.

D&B has introduced several important innovations that have benefited clients, including:

 Key design and performance features, such as efficient materials handling; physical separation of tipping and processing areas; durable process systems; adequate space for tipping and product storage; sorting



enclosures for workers; and storage cages for sorted materials with automatic discharge to the baler feed conveyor.

- An efficient and compact design for mechanized light/heavy materials sorting.
- The use of competitive privatization to provide benefits to public sector MRF owners from MRF operations contractors:
 - Protection from all negative market pricing risks.
 - Guaranteed marketing of recovered materials.
 - Long-term marketing agreements with floor prices.
 - Merchant recyclables delivery and revenue sharing guarantees.
 - Increasing the number of individual recyclable materials recovered at no additional cost.