

## Redflex<sup>®</sup> B-1 Rubber Pipe and J-1 Expansion Joints in Aeration Sewage Systems

Consultants take advantage of Redflex<sup>®</sup> Rubber Pipe to allow design flexibility. The diagram to the right, of an aeration sewage system, is one example of where Redflex<sup>®</sup> products are used.

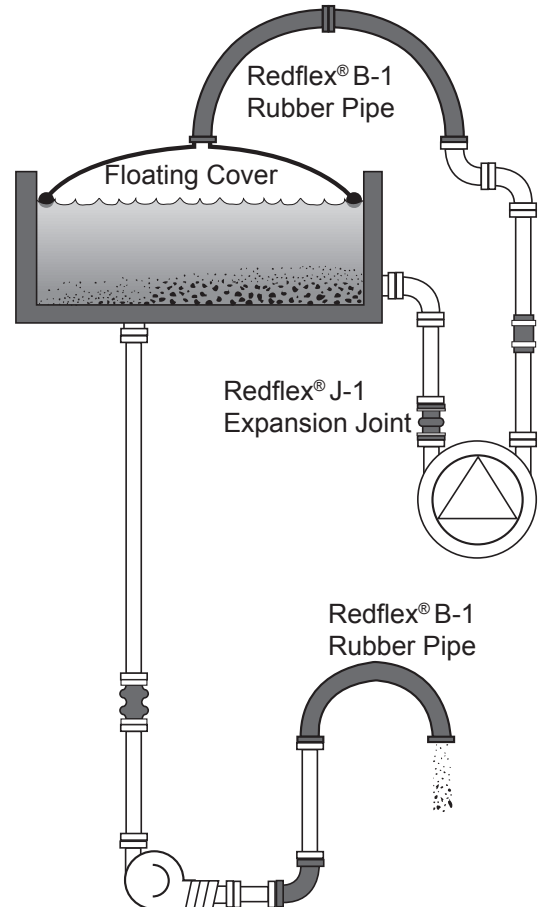
The floating cover on the aeration basin is connected with Redflex<sup>®</sup> B-1 Rubber Pipe. The flexible B-1 Rubber Pipe moves with the cover as it changes level with variations in sewage flow.

Air blowers make extensive noise and the discharge is very hot. Special high-temperature Redflex<sup>®</sup> J-1 Expansion Joints are designed for this service. Noise reduction of over 20 decibels is possible.

Stress from ground settlement or pipe and pump misalignment is relieved by the J-1 Expansion Joint. The special spherical arches do not clog in the severest of sludges.

The Redflex J-1<sup>®</sup> Expansion Joint has proven to outlast cast iron or steel in many applications. Maintenance is greatly reduced on extremely abrasive slurry, such as sinter sludge ash.

Redflex<sup>®</sup> B-1 Rubber Pipe is used to dump sludge from plant to truck, loading docks or barges. Flexibility in design requires flexibility in the parts. Red Valve's complete Redflex<sup>®</sup> product line is designed to provide the flexibility that is needed in these systems.



Redflex<sup>®</sup> Expansion Joints and Rubber Pipe Used in Sewage Storage Tanks