

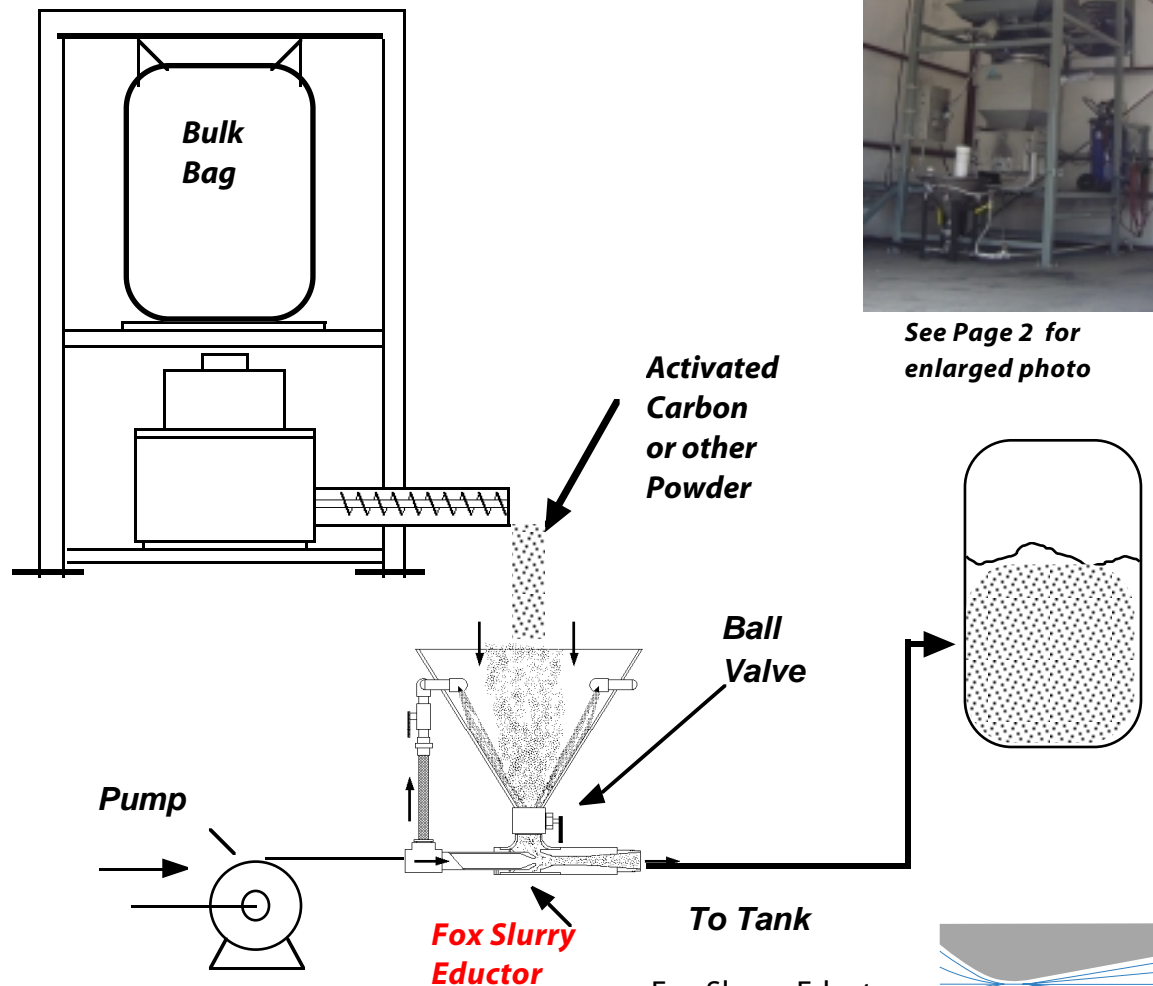
Applications of Fox Slurry Eductors

Case Study No. 10

Product: Activated Carbon (PAC) for WasteWater Treatment

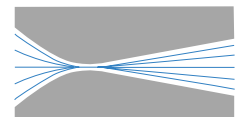
Problem: Wastewater Treatment plants often need to continually deliver relatively low feed rates of activated carbon. The carbon is used to adsorb soluble organics and some inorganic compounds such as heavy metals, sulfides, and nitrogen. This plant was manually dumping carbon into a 300 gallon tank. They needed to switch to a fully automated, continual process with 24/7 reliability.

Solution: A local Fox rep integrated the bulk bag unloader, a screw feeder, and the Fox slurry eductor package into an integrated system, as shown schematically below which has worked perfectly and reliably since installation, removing organic contaminants that created a musty smell to the water.



See Page 2 for enlarged photo

Fox Slurry Eductors;
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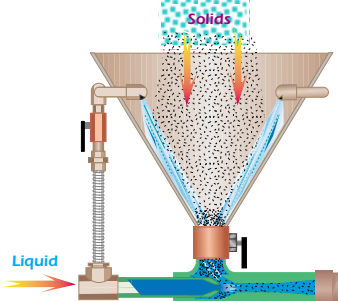
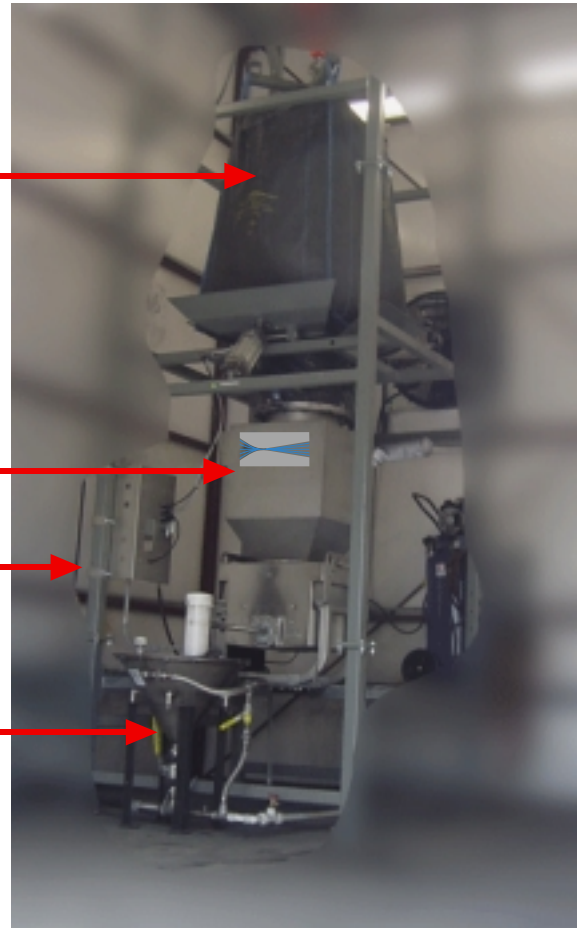
Solution: Either Fox or our local agents can bundle the bulk bag unloader, a screw feeder, and the Fox slurry eductor package into an integrated system, as shown schematically below.

Activated Carbon stored in Bulk Bag

Screw Feeder Controls Carbon Feed Rate

Control Panel

Fox Slurry Eductor, with washdown hopper



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