

## Aire-O<sub>2</sub> Stormwater Aeration for the Recycling Sector

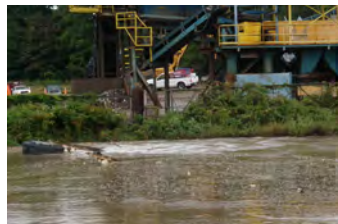


Best pollutant reduction. Uniform oxygen dispersion.

The benefits of effective stormwater pond aeration are many — better pollutant removal, odor control, algae prevention, improved water clarity, vector control, and full pond circulation — measures that can help meet benchmarks and permit compliance goals.



Aerial View of Pond



Aire-O<sub>2</sub> in Shredder Pond



Aire-O<sub>2</sub> in Shredder Pond



Float Mount

“ It has been a great benefit to find that aerating our ponds ‘primed’ the water for treatment. ”

# Stormwater Aeration and Treatment Solutions

Davis Industries, Lorton VA, a leader in environmental sustainability, has been in the scrap metal recycling business for more than 70 years. Shown here is a portion of Davis' water management system including three Aire-O<sub>2</sub> pond aerators, Aquip® enhanced stormwater filtration system, and Purus® Metals polishing system. These systems help assure best feedwater quality to the shredder and compliant stormwater discharges.



## WHY POND AERATION BY STORMWATERX?

- Reduces BOD and COD concentrations.
- Reduces dissolved iron concentrations.
- Improves stormwater treatment characteristics by oxidizing metals and organics.
- Reduces odors.
- Improves water clarity.
- Increases dissolved oxygen content.
- Reduces algae and weed growth.
- Eliminates stratification.
- Enables better separation of floatable and settleable solids.
- Discourages waterfowl use of ponds, and the pollutants they contribute.
- Prevents freezing in cold climates.
- Reduces likelihood of spray nozzle plugging for stormwater reuse applications.

Contact StormwaterRx to upgrade your stormwater management system with aeration and treatment today!