

New Disc Filtration Installed by the City of Sherman, TX Super Galaxy Spin Klin™ System Chosen for Tough Intake Filtration

By Omry Levin

When the city of Sherman, Texas, with a population of 42,000 people, was adding a new stage to their existing water treatment facility, they considered how to best protect the expensive and sensitive UF and RO systems.

After examining the market for various solutions to the task, Amiad was approached for an on-site pilot vs. other filtration companies' technologies to determine what would be the best fit for their tough application.

Raw water intake from Lake Texoma contains high quantities of algae and Zebra mussels, and needed to be filtered to a level that would protect the costly UF and RO treatment system.



The self-cleaning **Arkal Super Galaxy Spin Klin™** disc filter by Amiad proved over the extended test to have the best filtration performance against the tough algae and Zebra mussels, while also having the best self-cleaning performance.

This pilot proved that the **Spin Klin™** filtration technology would provide the lowest cost of ownership, best performance, and highest water recovery with the fastest ROI of all the available options.

The filtration of Lake Texoma's 9,040 gpm (2,053 m³/h) raw water containing algae, other organic materials, and live Zebra mussels, is now treated by a system of **7 modules of 2 X 10" NSF 61 approved Super Galaxy Spin Klin™ filters, with 130 micron polymeric discs.** Protecting the UF and RO membranes on this state-of-the-art water treatment project is complete and the city of Sherman can now rest assured that the Amiad system will clean the water 24/7 with no downtime - one less worry for the city manager.

