LYCO Manufacturing, Inc.

THE *EXPERTS* IN INNOVATIVE FOOD PROCESSING MACHINERY

MICRO DRUM SCREEN

ADVANCED LIQUID/SOLID SEPARATOR

SUGGESTED APPLICATIONS

PASTA | DRY BEANS | PROTEINS | VEGETABLES | RICE | POTATOES | MEAT PROCESSING | WASTEWATER

MICRO DRUM SCREEN

ADVANCED LIQUID/SOLID SEPARATOR

Processors can gain significant savings with the Micro Drum Screen system by reducing industrial waste and increasing product recovery. The screen's revolutionary design combines the benefits of wedge-wire and wire mesh construction to achieve improved performance of both. The result is an extremely precise, rigid and rugged cylinder.

ADDITIONAL FEATURES:

- Easy installation
- Unique drum design allows quick interchange of screen or mesh
- Efficient collection of fine particles
- Automated CIP

BENEFITS & THINKING GREEN

- More solids removed increases lagoon life, or reduces the load on city sewage systems
- Running rings never fail by themselves
- Rugged construction greatly reduces maintenance

- Significant potential income generation from recovered product
- Significant savings on DAF chemical and municipal costs
- Savings of 30% or more on sludge removal and handling
- Establish sustainability leadership with your customers

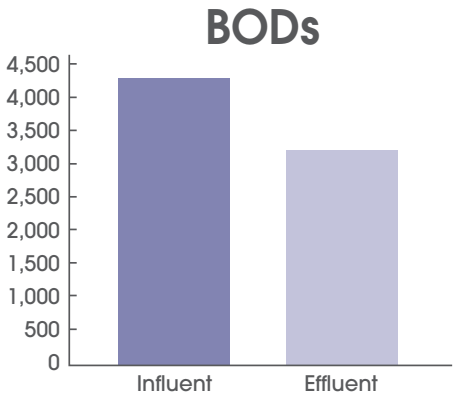
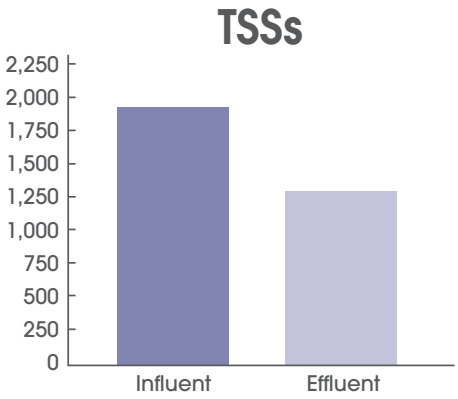
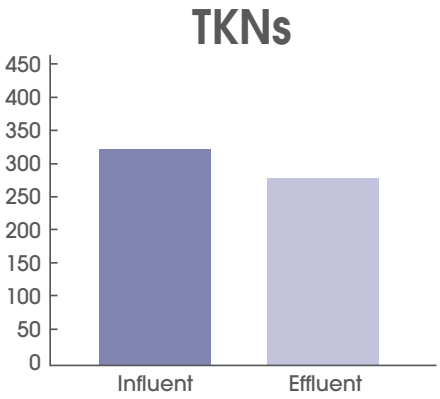
think GREEN
Lyco innovations save energy and reduce waste

HOW IT WORKS

With its .005 to .008 mesh screen material, the Micro Drum Screen removes considerably more solids than standard screen designs. Specifically it lowers BOD* (Biological Oxygen Demand), TSS* (Total Suspended Solids) and TKN* (Total Kjeldahl Nitrogen).

SITE TESTING RESULTS

Actual results from customer site testing*

	BODs	TSSs	TKNs
Influent	4,225	1,830	311
Effluent	3,194	1,290	265
Difference	103	540	16
% Improved	**24.40%**	**29.51%**	**14.79%**

**As ROI is dependent on application variables, contact your Lyco representative for your customized analysis and solution.*