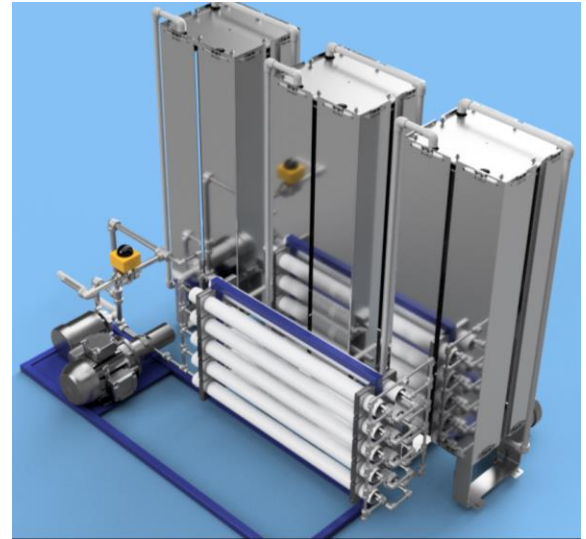


Digested Organic’s **Two-Step Reverse Osmosis™ (TSRO)** process converts clarified egg wash wastewater into clean water suitable for discharge/reuse and a concentrated product that can be further treated onsite or hauled offsite for disposal.

We provide this cutting-edge technology as a skid-mounted or containerized package that is easy to install, highly automated, and requires little operator attention. It is available for purchase or can be setup on a fee-per-gallon service plan so there is no capital outlay and your facility immediately recognizes cost savings.

Typically, we can recover greater than 85% of the raw wastewater volume as clean water and oftentimes as high as 95%. Results from recent testing at an egg wash facility are shown in the table below. Our TSRO process generated water that met discharge standards at a rate of about 90% of the incoming wastewater.



TSRO System for 3 to 5 GPM wastewater

Parameter	Unit	TSRO Feed	TSRO Permeate	TSRO Concentrate
Total solids	mg/L	2,480	400	16,400
Chemical oxygen demand (COD)	mg/L	2,040	22	6,180
Total Kjeldahl nitrogen (TKN)	mg/L	180	n.d.	220
Phosphorus (total)	mg/L	54	n.d.	231
Potassium (total)	mg/L	40	n.d.	91
Sulfur (total)	mg/L	10	n.d.	54
Calcium (total)	mg/L	39.6	n.d.	163.0
Magnesium (total)	mg/L	15.0	n.d.	77.5
Conductivity	mS/cm	3.78	0.454	16.2
pH	SU	7.57	6.51	7.9



Raw wastewater, UF permeate, TSRO concentrate, and TSRO permeate

Please inquire today for a customized proposal and to schedule pilot testing at our facility in Farmington Hills, Michigan.