

Don't feel like you need to deal with manure management alone.



Got a lot of manure? Tired of the endless hassles and costs of hauling, storing, and handling it? We thought so. And we've got a better way. A NuWay™

Produce an ideal bedding replacement, compost material and a nutrient rich fertilizer.

Less volume = lighter loads, fewer trucks on the roads and reduced lagoon maintenance all adding up to additional savings and profits.

Removal of 100% of suspended solids & 99%+ of phosphorous allows spreading throughout the growing season, year after year.

Significantly reduced odor gives you and your neighbors a better local air quality.

Dischargeable wastewater = zero environmental impact.

Environmental stamp of approval from the Wisconsin DNR.



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Nutrient Flow

Phase I



DRUM SEPARATION

WHEN USED IN CONJUNCTION WITH A SCREW PRESS, SOLIDS ARE CONVERTED TO A DRIER, (65% OR LESS MOISTURE) CONCENTRATED NUTRIENT SOURCE SUITABLE FOR BEDDING OR COMPOST

THIS PHASE MAXIMUM REMOVED

N	25%
P	20%
K	18%

CUMULATIVE MAXIMUM REMOVED

N	25%
P	20%
K	18%
Suspended Solids 50%	
Volume 15%	

Phase II



CENTRIFUGAL SEPARATION

EXTRACTS MOST OF THE REMAINING SOLIDS TO FORM A CLAY-LIKE, NUTRIENT-RICH MATTER

UP TO 50% OF THE PHOSPHOROUS MAY BE REMOVED AND RETAINED IN THESE CLAY SOLIDS

THIS PHASE MAXIMUM REMOVED

N	35%
P	65%
K	25%

CUMULATIVE MAXIMUM REMOVED

N	51%
P	66%
K	35%
Suspended Solids 80%	
Volume 30%	

Phase III



ULTRA-FILTRATION

CONVERTS THE LIQUID FROM PHASE 2 (CENTRATE) INTO TWO LIQUID STREAMS. ONE STREAM IS A NUTRIENT-RICH, CONCENTRATED LIQUID MANURE.

UF-PERMEATE IS THE OTHER LIQUID STREAM. IT IS HIGH IN NITROGEN, NEARLY FREE OF ODOR AND PHOSPHOROUS, AND IS SUITABLE FOR CROP IRRIGATION.

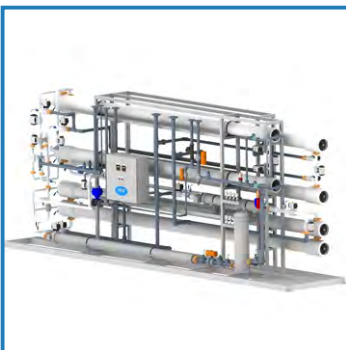
THIS PHASE MAXIMUM REMOVED

N	60%
P	70%
K	50%

CUMULATIVE MAXIMUM REMOVED

N	81%
P	99%
K	71%
Suspended Solids 100%	
Volume 60%	

Phase IV



REVERSE OSMOSIS

CONVERTS THE PHASE 3 UF PERMEATE INTO TWO PRODUCT STREAMS. ONE IS "RO CONCENTRATE", COMPOSED OF:

N:19%, P: 1%, K: 29%
THIS IS AN EXCELLENT CROP NUTRIENT AND IRRIGANT.

THE REMAINING LIQUID IS CLEAR H₂O, WHICH IS MAY BE DISCHARGED WITH PERMIT.

THIS PHASE MAXIMUM REMOVED

N	19%
P	1%
K	29%

CUMULATIVE MAXIMUM REMOVED

N	100%
P	100%
K	100%
Dissolved Solids 100%	
Volume 15%	