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ENERGY RECOVERY, INC.
PRESSURE EXCHANGER
PX-220

REV	BY	CKD	REVISION	DATE
000	WA	RLS	Issued for Distribution	5/5/06

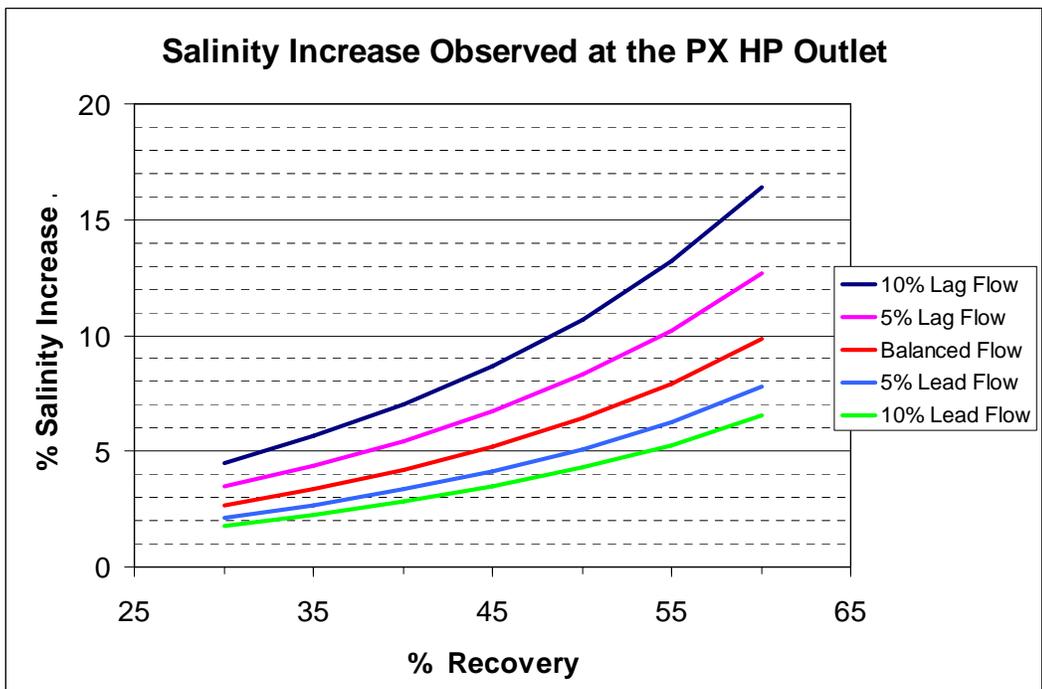
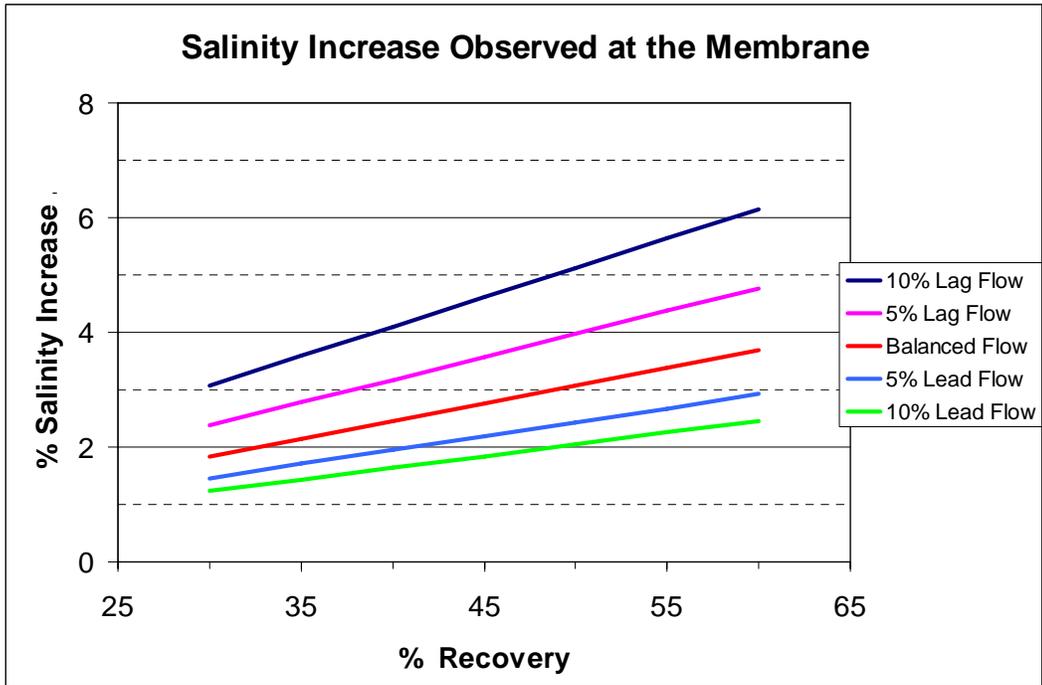
DESCRIPTION

SALINITY INCREASE CURVES, ROTARY
ENERGY RECOVERY DEVICE

SHEET
1 of 1

DOCUMENT NUMBER
80067-01

MANUFACTURER
ERI



Salinity Increase \equiv $(\text{Salinity} - \text{Feedwater Salinity}) / \text{Feedwater Salinity}$

Lag Flow \equiv $(\text{PX HP out Flow} - \text{PX LP in Flow}) / \text{PX HP out Flow}$

Lead Flow \equiv $(\text{PX LP in Flow} - \text{PX HP out Flow}) / \text{PX HP out Flow}$

Balanced Flow : $\text{PX LP in Flow} = \text{PX HP out Flow}$