



































Dye retention summary					
Phase I					
Station #	$C_{o}(\mu g/l)$	$\lambda \ (\mu g/l/d)$	$T_{f}(d)$	R ²	
I	12	-0.96	1.0	0.99	
2	45	-1.36	0.7	0.98	
6	72	-1.20	0.8	0.99	Distanti Martin
8	39	-1.35	0.7	0.98	
Marsh Mean		-1.3	0.8	The Party	and the
Phase 2					
Station #	$C_{o}(\mu g/l)$	$\lambda (\mu g/l/d)$	T _f (d)	R ²	
Contraction of the second	4.7	-1.30	0.8	0.83	34
2	7.5	-0.90	1.1	0.88	
6	<u> </u>	-0.78	1.3	0.86	19761
8	6.0	-0.85	1.2	0.86	Contract I
Marsh Mean		-0.8	1.3	3	









Subterranean circulation system (SCS) is an important component of material transport from tidal marsh to feeder creeks***.
• represents the 3-D recirculation of tidal-creek water through marsh sediments
• tidaly-induced pressure gradients drive a continuous transport system
• incorporates the result of many interactions across the sediment-water interface
• interacts with morphology of the intertidal-area, such as the distribution of non-cohesive and cohesive sediments
• Structure and distribution of macro-pores formed by plant cots and animal burrows

