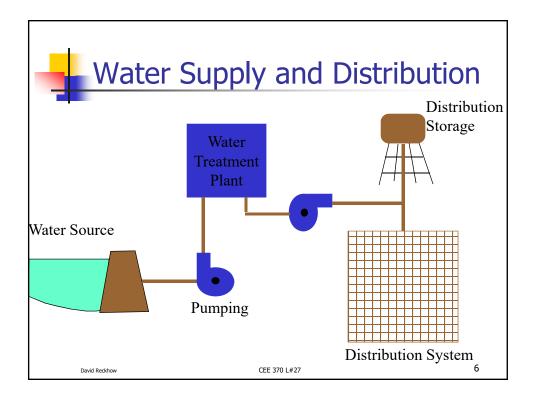
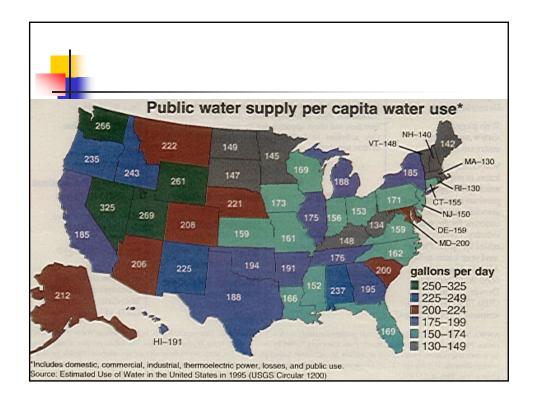
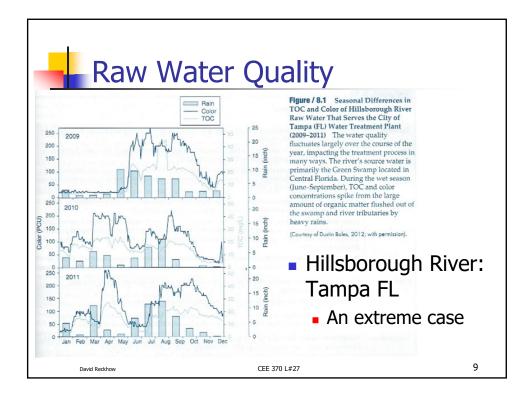


	TABLE 7.6 DECLINE IN TYPHOID DEATH RATES AFTER USE OF HYPOCHLORITE				
Filtration &		Before	After	· · · · · · · · · · · · · · · · · · ·	
chlorination	City	(1900–10)	(1908–13)	Change	
	Baltimore	35.2	22.8	35%	
	Cleveland	35.5	10.0	72	
	Des Moines	22.7	13.4	41	
	Erie	38.7	13.5	65	
	Evanston	26.0	14.5	44	
	Jersey City	18.7	9.3	50	
	Kansas City	42.5	20.0	53	
	Omaha	22.5	11.8	47	
	Poughkeepsie	54.0	18.5	66	
From: The Sanit	Source: John W. Alvor Supply in the United S			nicipal Water	
David Reckhow	CEE 370 L#27	,		5	

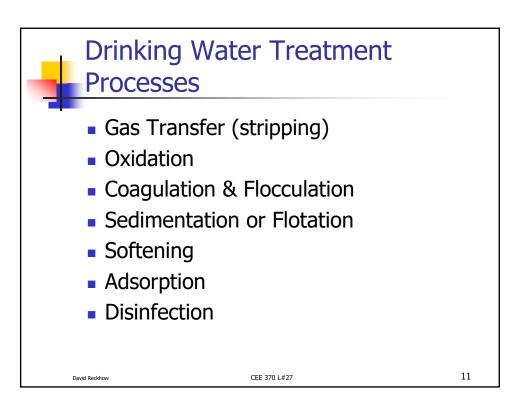


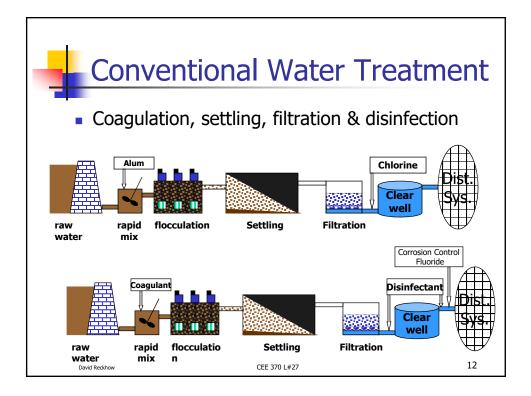




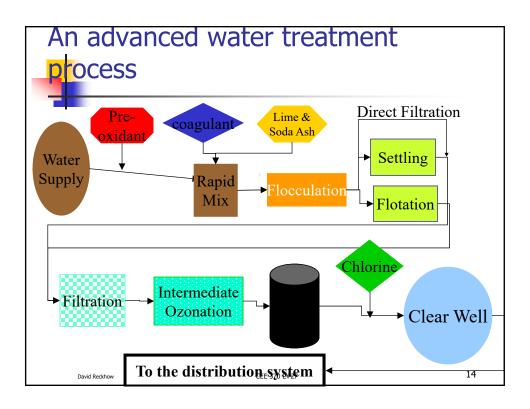


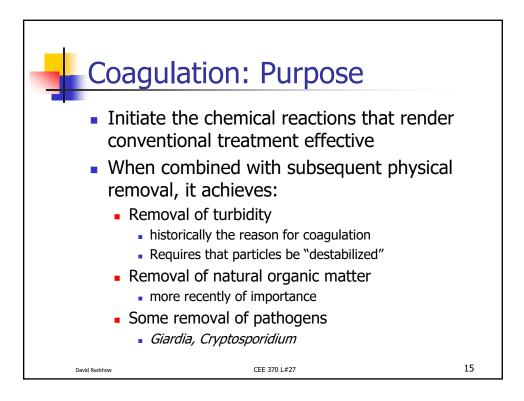


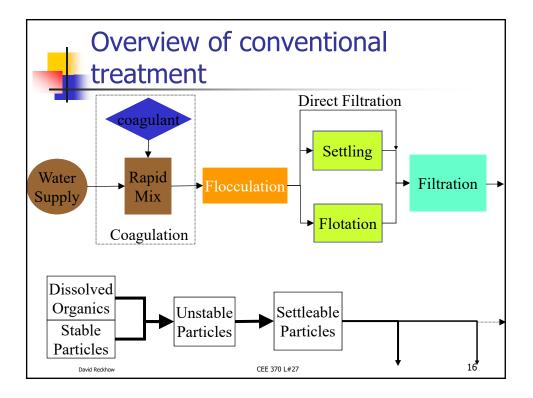


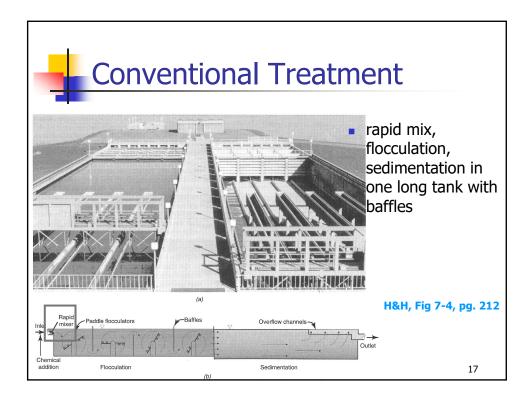


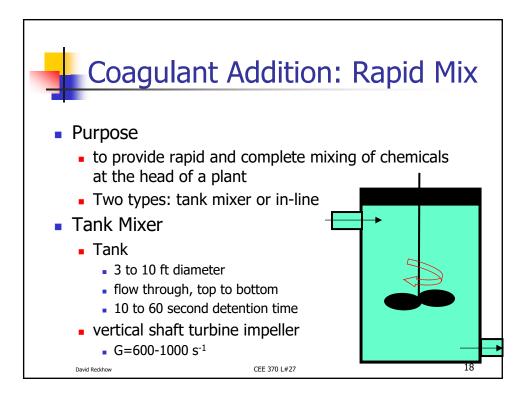




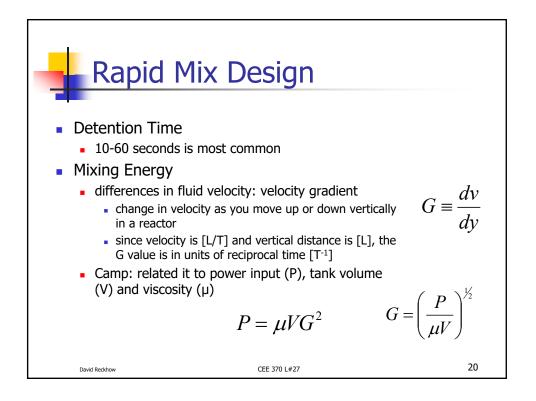












Туре	Gradient (G) in sec ⁻¹	Detention Time	Gt values
Mechanical Mixing	600-1,000	10-120s	5x10 ⁴ - 5x10 ⁵
In-line mixing	3,000-5,000	1 s	1x10 ³ - 1x10 ⁵
Horizontal-shaft paddle flocculator	20-50	10-30 min	1x10 ⁴ - 1x10 ⁵
Vertical-shaft turbine flocculator	10-50	10-30 min	1x10 ⁴ - 1x10 ⁵



