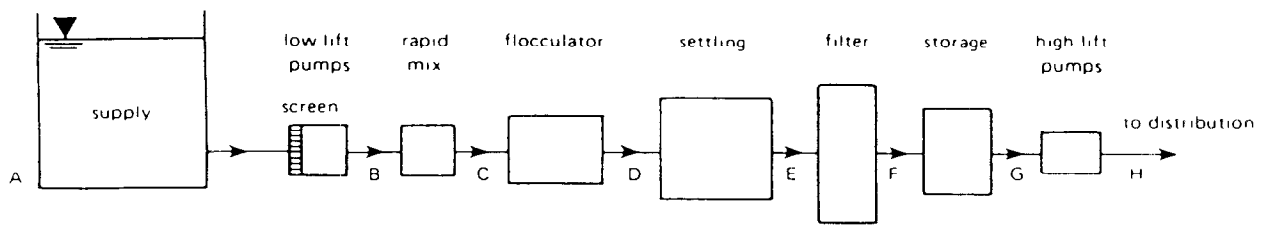


- sequence #3:
- intake
 - lime addition
 - alum addition
 - addition of activated carbon
 - mixing
 - flocculation
 - chlorination
 - sedimentation
 - recarbonation
 - filtering (bypass to discharge)
 - zeolite treatment



Typical flow diagram of water treatment plant

category of chemicals	possible points of application							
	A	B	C	D	E	F	G	H
algicide	X				X			
disinfectant		X	X		X	X	X	X
activated carbon		X	X	X	X			
coagulants		X	X					
coagulation aids		X	X		X			
alkali:								
for flocculation			X					
for corrosion control						X		
for softening			X					
acidifier			X			X		
fluoride						X		
cupric-chloramine						X		
dechlorinating agent						X		X

Note: With solids contact reactors, point C is same as point D.

Figure 7.10 Application Points for Chemicals