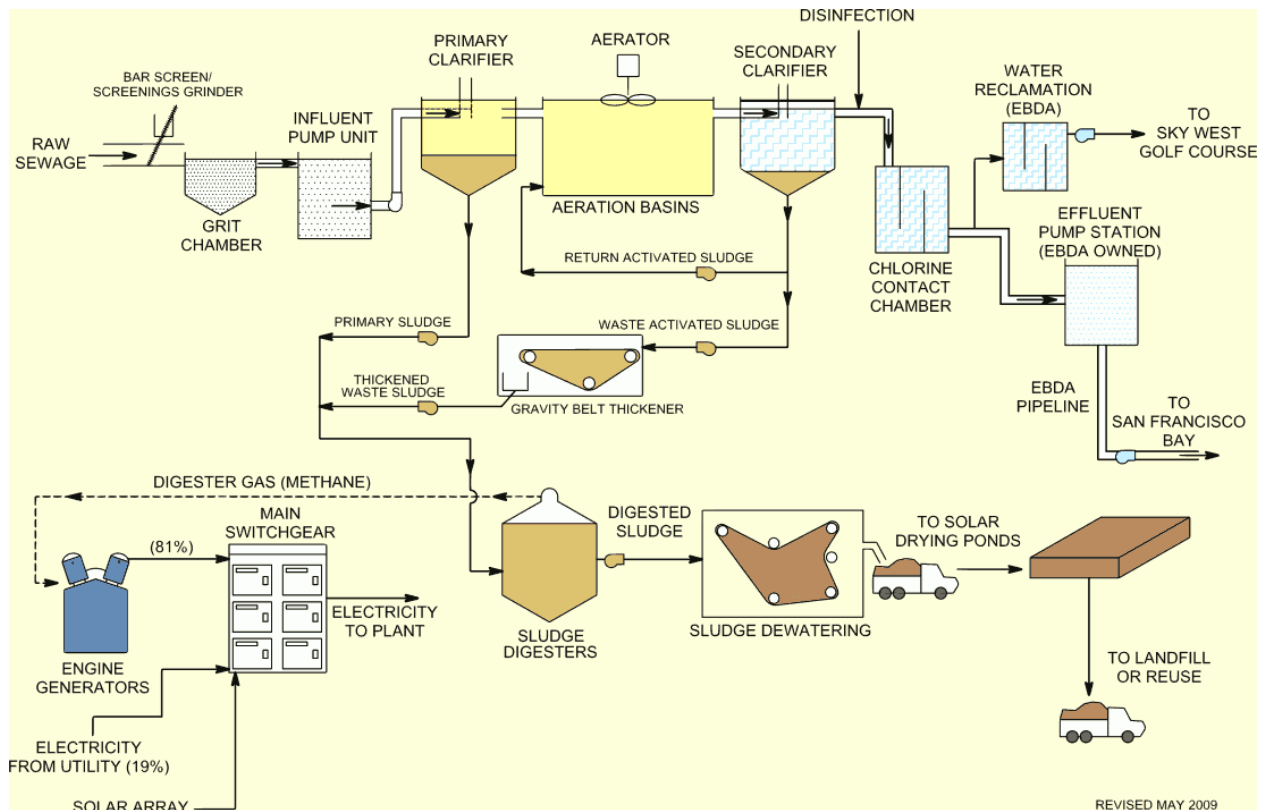


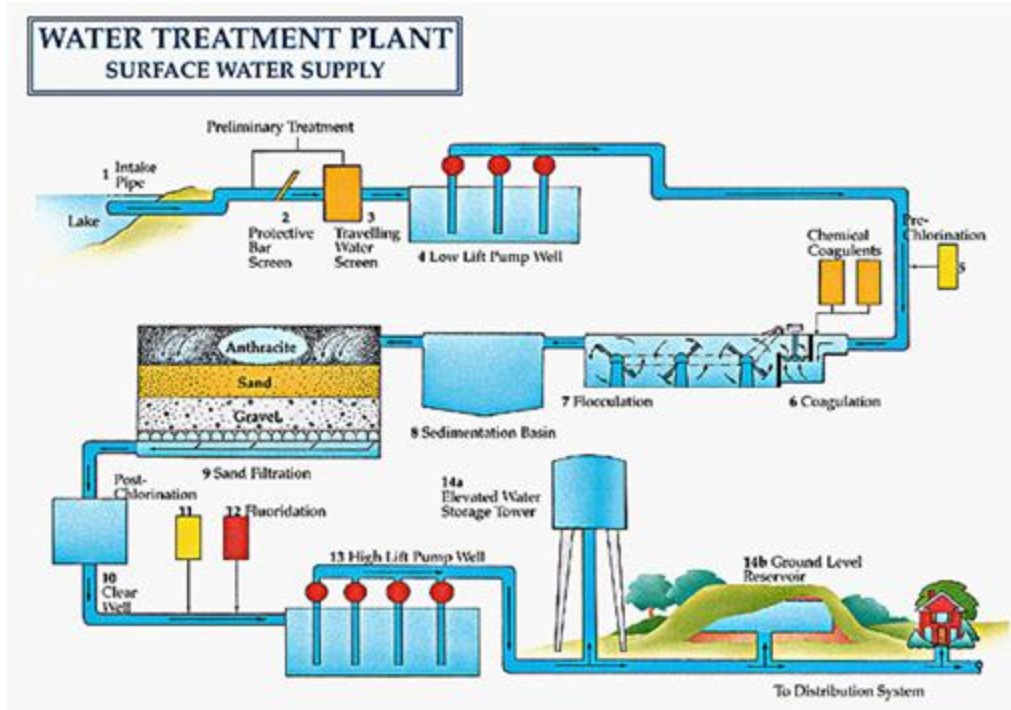
KEY

1. Riffle
2. Lots of DO, places to cling to for filtering for food
3. Headwaters
4. Plants, rough patch of water that aerates the stream
5. Spiny water flea
6. Invasive species; competes with natural organisms for food (zooplankton) and cannot be easily eaten by predators because of barbs on tail
7. Untreated ballast water
8. Underwater mountain with flat top
9. Underwater mountain
10. Guyot is flat topped seamount, seamount is underwater mountain
- 11.

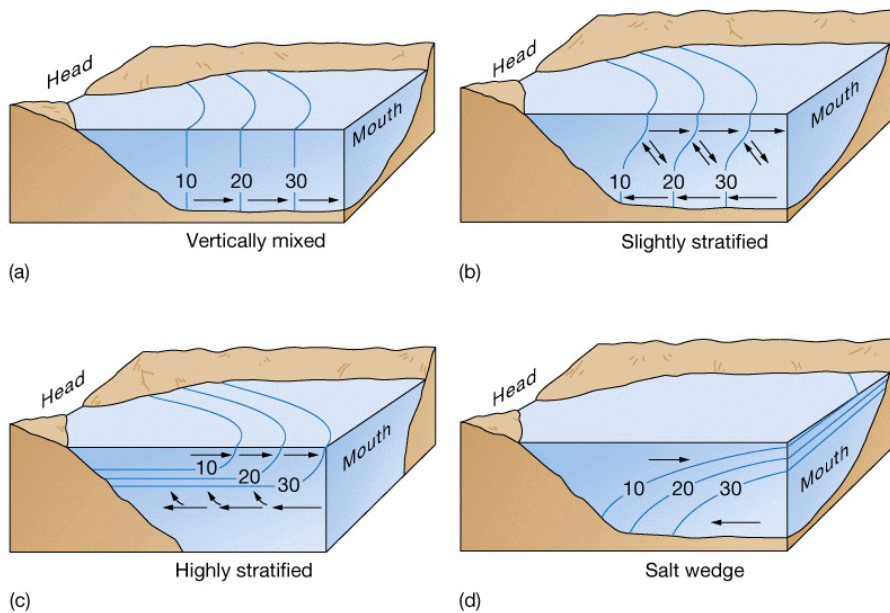


KEY

12.



13.



Freshwater estuary is two chemically different bodies of freshwater meeting, driven by tides.

KEY

14. Day; photosynthesis needs light
15. Turbidity/sediments block light, decomposition uses up all the DO
16. Evaporation, condensation, transpiration, precipitation, infiltration, runoff
17. Snapper
18. Sponge
19. Triton
20. Barramundi Cod
21. Lionfish
22. Lionfish # 21
23. Atlantic coast
24. Triton #19
25. Crown-of-thorns starfish eat coral reefs, bad for coral reefs (duh)
26. Indo-pacific
27. b
28. Hydrometer floats in water, higher it floats the higher the density of the water. It measure density and salinity, since salinity changes density.
29. Electronic salinometer
30. Conductivity of water
31. CaCO_3
32. CaCO_3
33. CaCO_3
34. They release their symbiotic zooxanthellae that provide them with energy

KEY

35. Global warming of water temperatures

36. They measure fecal coliform to see if human sewage has contaminated the body of water; fecal coliform is not dangerous to humans, but it indicates that there may be dangerous bacteria