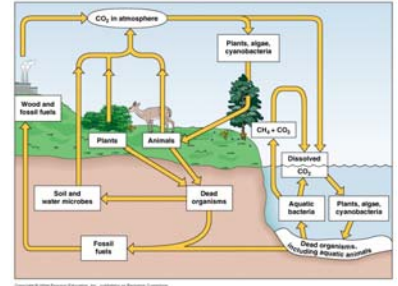


ENVIRONMENTAL MICROBIOLOGY

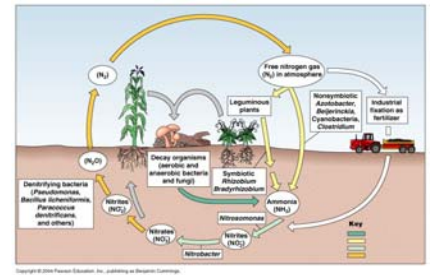
SOIL MICROBIOLOGY

GENERAL CONCEPTS

NUTRIENT CYCLES (BIOGEOCHEMICAL CYCLES)
CARBON CYCLE



NITROGEN CYCLE



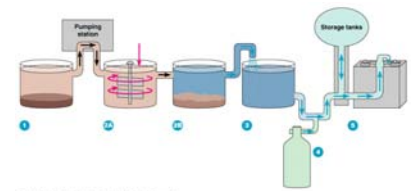
WATER MICROBIOLOGY

GENERAL CONCEPTS

WATER QUALITY TESTING
INDICATOR ORGANISMS

FECAL COLIFORMS TEST

WATER TREATMENT
FLOCCULATION



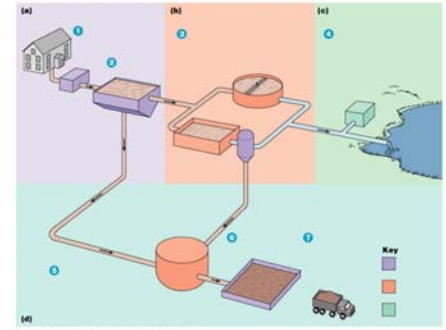
FILTRATION

DISINFECTION

SEWAGE TREATMENT
PRIMARY TREATMENT

SECONDARY TREATMENT

NUTRIENT POLLUTION



ALGAL BLOOMS AND BOD

TERTIERY TREATMENT

THIS SHOWS WHAT WE ARE TALKING ABOUT: LOOK FOR THE VIDEO PODCAST (“OCEANS OF MICROBES” ECT) ON THE VALUE OF MICROBES IN THE ENVIRONMENT AT <http://webhome.broward.edu/~sobenauf/mcb2013/podcasts/podcasts%20video.html>

HEALTH EFFECTS OF ENVIRONMENTAL DAMAGE

GLOBAL WARMING & DISEASE

EFFECTS OF WARMER WATERS

AIR QUALITY & HEALTH

THIS FIRST ONE IS ESPECIALLY IMPORTANT FOR US IN SOUTH FLORIDA (“RAW SEWAGE KILLING CORAL REEFS”, “SLUDGE CONTROL” ECT) SOUND FILES ON ENVIRONMENTAL MICROBIOLOGY AT <http://webhome.broward.edu/~sobenauf/mcb2013/podcasts/podcasts%20audio.html>
