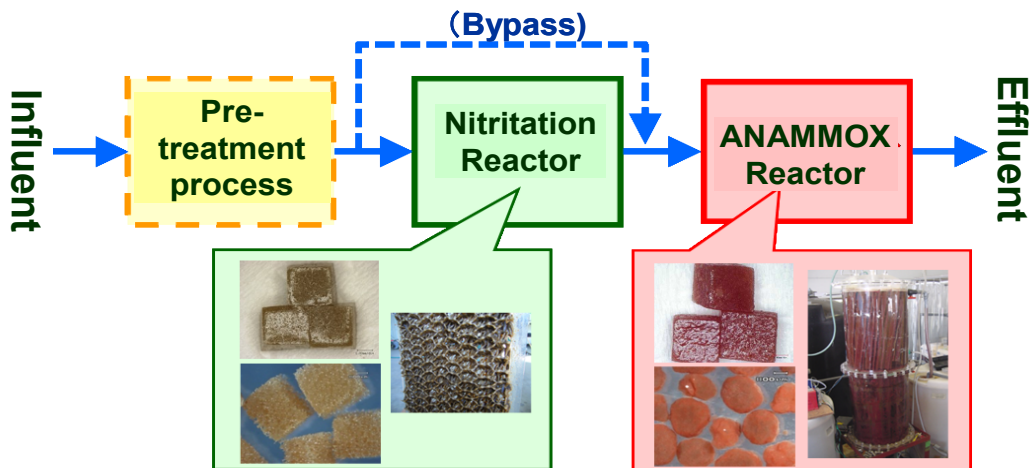
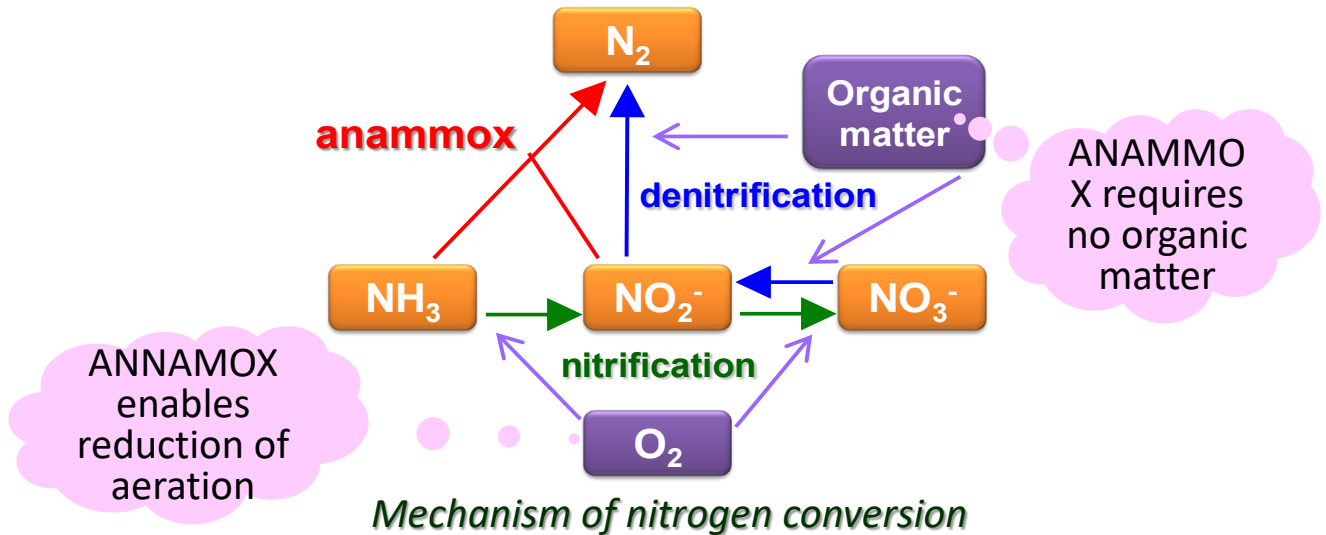


Nitrogen Removal Using ANAMMOX

Developers: TAKUMA CO., LTD., and METAWATER Co., Ltd.

Energy saving & low-cost nitrogen removal of filtrate in anaerobic digested sludge using ANAMMOX



Treatment flowchart of nitrogen removal technology using ANAMMOX

Needs

- Anaerobic digestion system needs the separate treatment facilities for return water
- Adopt an anaerobic digestion process for sludge treatment.
- Accept biomass from outside.

Benefits

- Reduce utility costs and greenhouse gas emission
- Improve treated effluent quality of WWTPs using anaerobic digestion process