Supplementary Information for “Graphene Quantum Dots Modified g-C₃N₄ for Enhanced Photocatalytic Oxidation of Ammonia Performance”

Ruiling Wangᵃᵇ, Tian Xieᵃ, Zhiyong Sunᵇ, Taofei Puᵃ, Weibing Liᵇᶜ*, Jin-Ping Aoᵃ*

ᵃ Institute of Technology and Science, Tokushima University, 2-1 Minami-Josanjima, Tokushima 770-8506, Japan. E-mail: Jin-Ping Ao; Email: jpaoo@ee.tokushima-u.ac.jp; Fax/Tel: +81 88 656 7442

ᵇ State Key Laboratory for Marine Corrosion and Protection, Luoyang Ship Material Research Institute (LSMRI), No. 149-1# Zhuzhou Road, Qingdao, 266101, China.

ᶜ School of Environment and Safety Engineering, Qingdao University of Science and Technology, 53 Zhengzhou Road, Qingdao 266042, China

Figure S1. (A) SEM image of GQDs/CN 0.5; (B) C element; (C) N element; (D) O element; (E) EDS result.
Figure S2. FT-IR result of CN and GQDs/CN 0.5.

Figure S3. BET results of CN, GQDs/CN0.5 and GQDs/CN2.