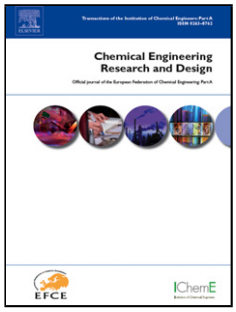

Title: Phosphate recovery from livestock wastewater using iron oxide nanotubes

Author: Minseok Kim Kibum Park Jung Moo Kim

PII: S0263-8762(16)30148-4
DOI: http://dx.doi.org/doi:10.1016/j.cherd.2016.06.016
Reference: CHERD 2313

To appear in:

Received date: 7-7-2015
Revised date: 31-5-2016
Accepted date: 14-6-2016

Please cite this article as: Kim, M., Park, K., Kim, J.M.,Phosphate recovery from livestock wastewater using iron oxide nanotubes, *Chemical Engineering Research and Design* (2016), http://dx.doi.org/10.1016/j.cherd.2016.06.016

Highlights

- Iron oxide nanotubes were self-organized on the surface of iron foil by anodization.
- Adsorption and desorption of phosphate by INTs was experimentally investigated.
- More than 90% of adsorption and desorption of INTs was observed in three cycles of reuse.