Suplementary Data

Manuscript Title: Photochemical UVC/H₂O₂ Oxidation System as an Effective Method for the Decolourisation of Bio-Treated Textile Wastewaters: Towards Onsite Water Reuse

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Figure S1. Comparative image between the samples to different conditions of bleaching and unbleached. (a) Unbleached; (b) Bleaching with distilled water; (c) Bleaching with photochemical-treated wastewater (PTWB).
Figure S2. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the bleaching processes with distilled water (Standard) and PTWB (Trial 1) as bathwater.
Figure S3. Comparative image between the samples for two different dyeing processes (Direct Red 80 - C.I.35780 and Direct Blue 71 - C.I.34140) with different types of bath water. (a) with distilled water; (b) with 50% of distilled water and 50% of photochemical-treated textile wastewater (PTWB); (c) with photochemical-treated textile wastewater (PTWB) and; (d) with bio-treated textile wastewater (TWB).
Figure S4. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Blue 71 - C.I.34140) with distilled water (Standard) and 50% of distilled water with 50% of PTWB (Trial 1) as bathwater.
Figure S5. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Blue 71 - C.I.34140) with distilled water (Standard) and PTWB (Trial 2) as bathwater.
Figure S6. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Blue 71 - C.I.34140) with distilled water (Standard) and TWB (Trial 3) as bathwater.
Figure S7. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Red 80 - C.I.35780) with distilled water (Standard) and 50% of distilled water with 50% of PTWB (Trial 1) as bathwater.
Figure S8. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Red 80 - C.I.35780) with distilled water (Standard) and PTWB (Trial 2) as bathwater.
Figure S9. Report provided by Cyberchrome program (CM 3600A spectrophotometer of Konica Minolta Co. Ltd.) for the dyeing processes (Direct Red 80 - C.I.35780) with distilled water (Standard) and TWB (Trial 3) as bathwater.