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Environmental Chemistry

Supplementary Material

Microplastic fibre releases from industrial wastewater effluent: a textile wet processing mill in China

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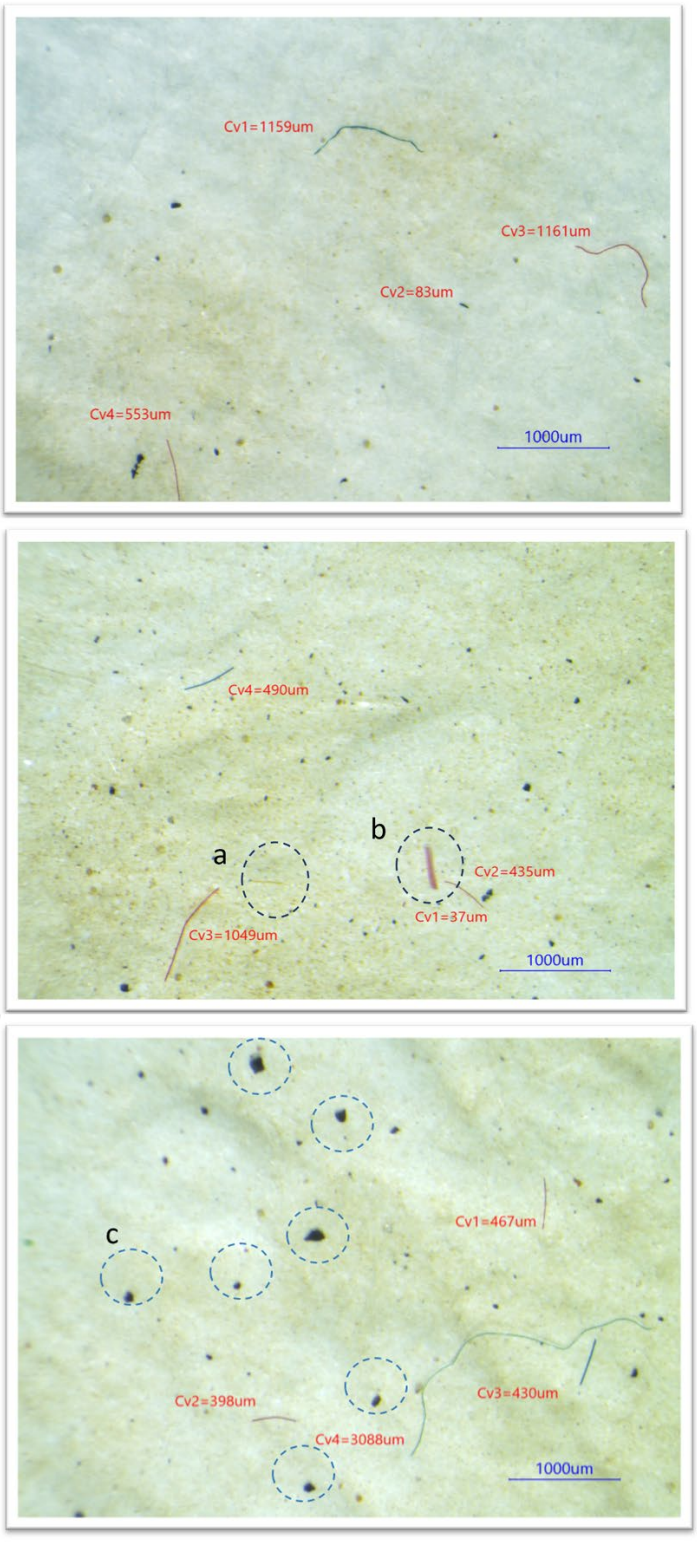

Figure S1: Stereomicroscope images from ImageFocus Alpha illustrating how count and measurements were taken and counting criteria were applied A. Fibrous shape which was organic (natural) was excluded B. Microplastic fibre at width (>20µm) was excluded C. Microplastics were excluded

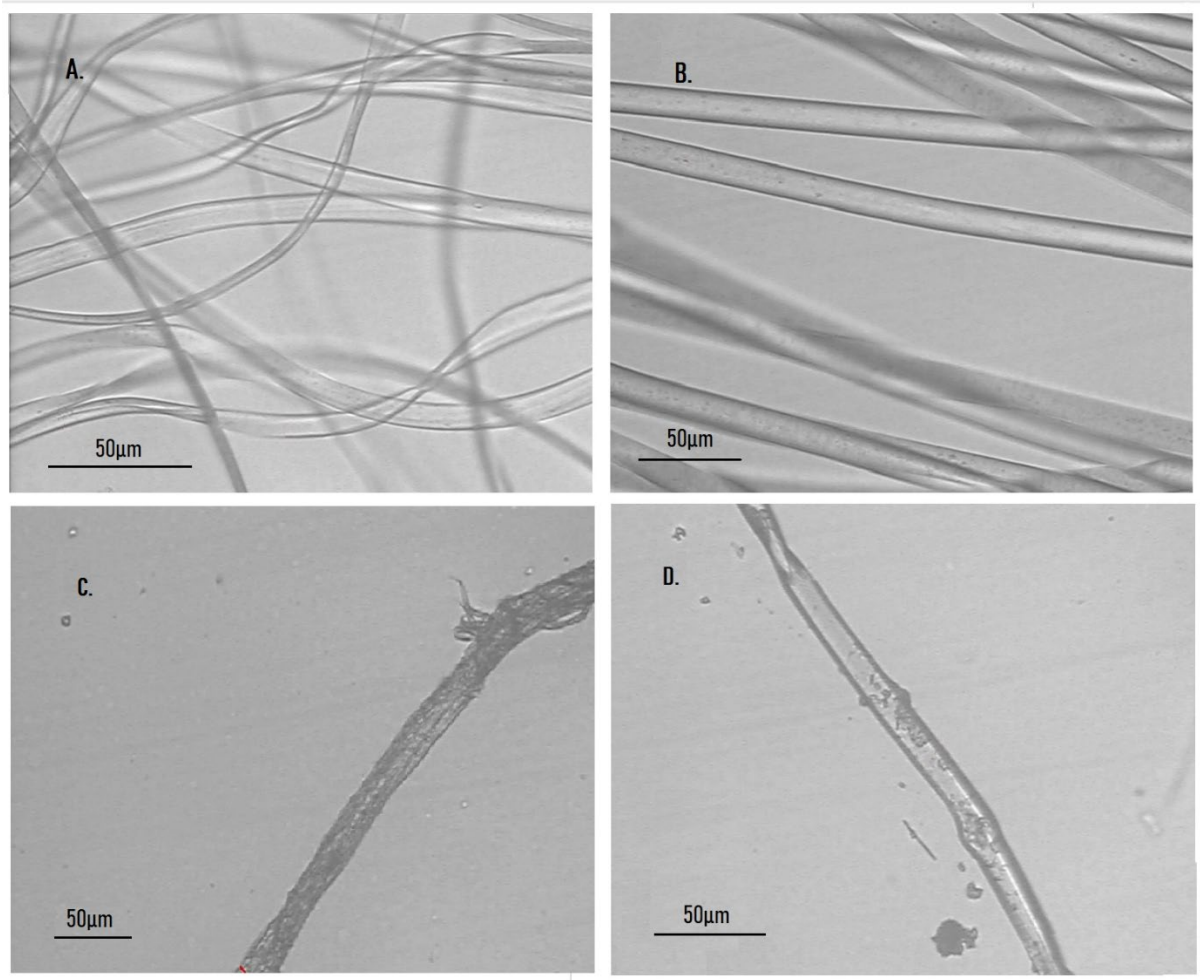

Figure S2: High-resolution microscopic images A. Microplastic fibres from production fabric base yarn fibres FDY75D/36F B. Microplastic fibres from production fabric pile yarn DTY 150D/288F. C & D. Microplastic fibres from effluent

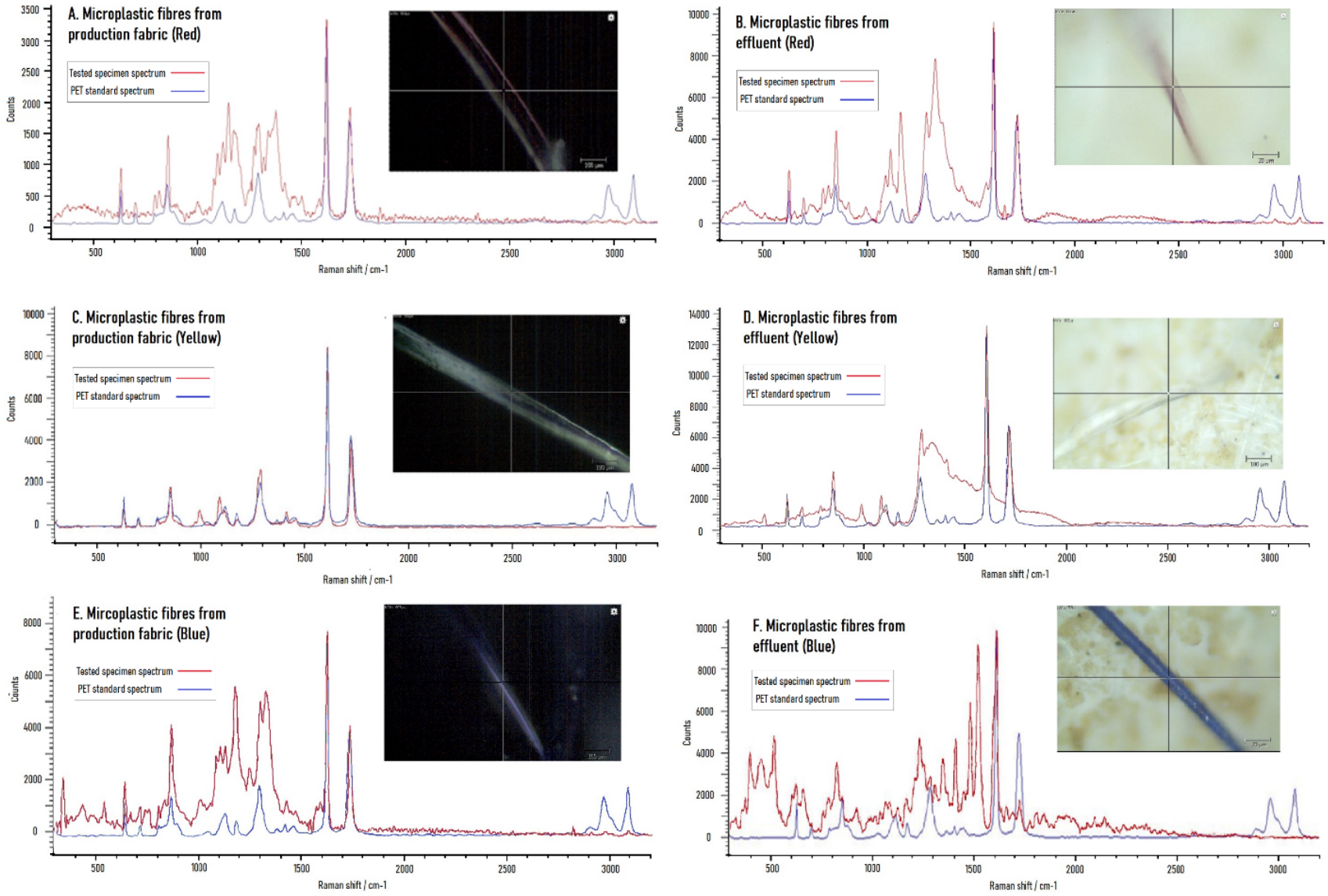

Figure S3: Micro-Raman spectrophotometer images with matching polyester standard spectrum against microplastic fibres specimens found in production and effluent.