SUPPLEMENTARY INFORMATION

Evaluation of the Performance of a Rural Municipal Wastewater Treatment Plant in Nacogdoches, East Texas (USA)

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Figure S1: The variation of average temperature (°C) along the treatment stages.

Figure S2: A chromatogram showing the retention times of the anions (Dionex ICS-2100 ion chromatograph, a DionexIonPac AS19 analytical column (2 x 250 mm) thermostated at 30 °C, guard column (IonPac AG19), KOH eluent (ECG III KOH), flow rate of 0.25 mL/min, a suppressor column ASRS-2 mm, and operating pressure of 1200 - 2300 psi)

Figure S3: Calibration curve of fluoride ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.

Figure S4: Calibration curve of chloride ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.

Figure S5: Calibration curve of bromide ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.

Figure S6: Calibration curve of nitrite ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.

Figure S7: Calibration curve of nitrate ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used

Figure S8: Calibration curve of sulfate ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.

Figure S9: Calibration curve of phosphate ion using three dilutions: Stock solution: $\text{Br}^- = 100.0$, $\text{Cl}^- = 20$ mg/L, fluoride = 20.0, $\text{NO}_2^- = 100.0$, $\text{NO}_3^- = 100.0$, phosphate = 200.00, $\text{SO}_4^{2-} = 100.0$ mg/L. A Dionex seven anion standard was used.