# SORBIX PFAS TREATMENT SYSTEMS Feedwater Analysis Requirements

|  |  |
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| Site Name: |  |
| Site Location (City, State): |  |
| Consultant/Engineer: |  |
| Date: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Need to Know Parameter | Feedwater Value | Treated Water Limit | Analytical Method |
| Flow Rate (gpm or lps) |  | (NA) |  |
| Average Daily Flow (gal or L) |  | (NA) |  |
| PFAS | See Page 2 |  | EPA 537 |
| pH |  |  | SM4500H+-B |
| Alkalinity (mg/L as CaCO3) |  |  | SM2320B |
| Hardness (mg/L as CaCO3) |  |  | SM2340B |
| Chloride (mg/L) |  |  | SM4500CI-E |
| Sulfate (mg/L) |  |  | SM4500-SO4-E |
| Nitrate (mg/L as N) |  |  | EPA 353.2 |
| TOC (mg/L) |  |  | SM5310C |
| TSS (mg/L) |  |  | SM2540D |
| Total Iron (mg/L) |  |  | EPA 200.8 |
| Uranium (mg/L) |  |  | EPA 200.8 |
| Gross Alpha (pCi/L) |  |  | EPA 900.0 |
| Gross Beta (pCi/L) |  |  | EPA 900.0 |
| MBAS (mg/L) |  |  | SM5540C |
| Nice to Know Parameter |  |  |  |
| VOCs (µg/L) |  |  | EPA 8260C |
| TDS (mg/L) |  |  | SM2540C |
| Bromide (mg/L) |  |  | SM 4500 |
| Nitrite (mg/L as N) |  |  | EPA 353.2 |
| Ammonia (mg/L) |  |  | SM4500NH3- |
| Ferrous Iron (mg/L) |  |  | SM3500Fe-B |
| Perchlorate (mg/L) |  |  | EPA 6860 |
| Arsenic (mg/L) |  |  | EPA 200.8 |
| Calcium (mg/L) |  |  | EPA 200.8 |
| Magnesium (mg/L) |  |  | EPA 200.8 |
| Manganese (mg/L) |  |  | EPA 200.8 |
| Temperature (°C or °F) |  |  | FIELD MEASURED |
| Hexavalent chromium (mg/L) |  |  | EPA 7196A |
| Total chromium (mg/L) |  |  | EPA 200.8 |

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| PFAS | Feedwater Value (ppt) | Treated Water Limit (ppt) | Analytical Method |
| 4:2 FTS |  |  | \* EPA 537.1  OR  \*\*LCMSMS-Isotope Dilution  \* EPA 537.1  OR  \*\*LCMSMS-Isotope Dilution |
| 6:2 FTS |  |  |
| 8:2 FTS |  |  |
| 9Cl-PF3ONS \* |  |  |
| 11Cl-PF3OUdS \* |  |  |
| ADONA \* |  |  |
| HP PO-DA PFPrOPrA/GenX \* |  |  |
| N-EtFOSAA \* |  |  |
| N-MeFOSAA \* |  |  |
| PDFS |  |  |
| PFBA |  |  |
| PFBS \* |  |  |
| PFDA \* |  |  |
| PFDoA \* |  |  |
| PFHxA \* |  |  |
| PFHpA \* |  |  |
| PFHpS |  |  |
| PFHxS \* |  |  |
| PFNA \* |  |  |
| PFNS |  |  |
| PFOA \* |  |  |
| PFOS \* |  |  |
| PFOSA |  |  |
| PFPeA |  |  |
| PFPeS |  |  |
| PFTrDA \* |  |  |
| PFTeDA/PFTA \* |  |  |
| PFUnDA/PFUnA \* |  |  |

For assistance with Analytical testing, please contact:

Enthalpy Analytical  
 Attn: Lindsay Boone – PFAS Lab Specialist  
 [Lindsay.Boone@enthalpy.com](mailto:Lindsay.Boone@enthalpy.com)  
 910-544-6077

Enthalpy is a national accredited lab by ANSI National Accreditation Board (ISO/IEC 17025:2017) and the US Department of Defense (DoD QSM V5.3).

\* Included in the EPA 537.1 testing and used only on clean drinking water.   
\*\* The isotope dilution testing includes all 28 compounds.