

Indiana DEM – PFAS Testing
Indiana Water Services, Inc.

PFAS Analyte	All results reported in Nanograms per liter (ng/L)				
	IDEM PFAS Chemical Action Level	US EPA Health Advisory Level	EP001 - Entry Point 1 Collected 10/04/2021	CC001 – Connection Point Collected 08/09/2021	Result Below Health Advisory Level?
Perfluorobutanesulfonic Acid (PFBS)	>2,100	None	6.3	6.0	Yes
Perfluorohexanesulfonic Acid (PFHxS)	>140	None	ND	ND	Yes
Perfluorononanoic Acid (PFNA)	>21	None	ND	ND	Yes
Perfluorooctanesulfonic Acid (PFOS)	70	70	4.5	4.9	Yes
Perfluorooctanoic Acid (PFOA)	70	70	ND	ND	Yes
Hexafluoropropylene oxide dimer acid (HFPO-DA)	>700	None	ND	ND	Yes

- **For the samples collected on 10/4/2021, PFAS compounds were detected in the drinking water sample from entry point EP001 at concentrations that are below the U.S. EPA's Health Advisory Level and IDEM Action Level.** PFAS compounds were also detected in the samples collected from **CC001** at concentrations below the HAL and IDEM Action Level. Because the field reagent blank for the samples was not analyzed by the laboratory, the results should be considered inconclusive, and **resampling is needed to verify the results.** IDEM will conduct resampling in the upcoming months.
- **PFAS Chemical Action Level** – The U.S. EPA has established drinking water health advisory levels for PFOA and PFOS at 70 parts per trillion (ppt). This health advisory level provides protection from adverse health effects resulting from exposure throughout a person's lifetime to PFOA and PFOS in drinking water. In addition, IDEM has identified action levels for additional PFAS compounds including GenX, PFBS, PFHxS, and PFNA. IDEM will use these levels as thresholds in providing guidance to drinking water system owners/operators in mitigating health risks if PFAS are found in their samples.
- **Lifetime Health Advisory Level (HAL)** – Health Advisory Level is the amount below which no harm is expected from these chemicals, according to the United States EPA. This health advisory level offers a margin of protection for all Americans throughout their life from adverse health effects resulting from exposure to PFOA and PFOS in drinking water. The HALs are calculated based on the drinking water intake of lactating women, who drink more water than other people and can pass these chemicals along to nursing infants through breastmilk. The EPA has set separate and combined HALs for PFOA and PFOS of 70 parts per trillion (ppt).
- **Ng/L** – Nanograms per liter (ng/L) which equals Parts per trillion (ppt) – One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.
- **ND (No Detect)** - Laboratory analysis indicates that the constituent is not present. 2.0 ng/L is the minimum level the lab is reporting a detection for these parameters. The ND (No Detect) represented in the table is indicating there was no detection.