**Water Quality Portal Perfluorooctanoic Acid and Perfluorooctanesulfonate in Fish and Surface Water Data Dictionary**

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**Abbrev.Name**

* Assigned abbreviated name for the PFAS compounds evaluated in the study.

Values:

“PFOA” = “PFOA Ion” & “Perfluorooctanoic acid”

“PFOS” = “Perfluoroctanesulfonate” & “Perfluorooctane sulfonic acid”

**ActivityMediaName**

* Describes the type sample by matrix in the water quality portal

Values:

“Water”

“Tissue”

**ActivityMediaSubdivisionName**

* Describes the type of sub-sample within the matrices

Values:

“Surface Water”

**Characteristic Name**

* PFAS compound identifier name, note that there can be more than 1 characteristic name per compound (i.e. “PFOA Ion” & “Perfluorooctanoic acid”

Values:

“PFOA Ion”

“Perfluorooctanoic acid”

“Perfluoroctanesulfonate”

“Perfluorooctane sulfonic acid”

**Detection\_Limit\_Value\_Flag**

* Adding a flag that signifies whether the sample was confirmed to be above its respective method detection limit

Values:

“Uncensored” = Reported a concentration above detection limit

“Unknown” = Reported a concentration below detection limit

“Non-Detect” = Reported as a non-detect and below detection limit

**EPA\_method\_flag**

* Adding a flag if the sample wasn’t analyzed using an EPA-approved PFAS method for each respective matrix

Values:

“Pass”

“Fail”

**ResultMeasure.MeasureUnitCode**

* Describes the units that all concentration data are reported in

Values:

“UG/KG”

“NG/L”

**ResultAnalyticalMethod.MethodDescription**

* Description of analytical method used to determine concentration result in sample

Values:

“EPA Method 537.1”

“EPA 533”

**ResultAnalyticalMethod.MethodIdentifier**

* Additional details on the description of analytical method or document code related to existing EPA analytical method

Values:

“LM113”

“LM119”

“533”

“1633”

“537.1”

“8327”

“537.1M-MDEQ-WQ”

“EPA 537.1”

“537 Modified”

**Result\_detection\_name\_flag**

* Adds a flag that details if the sample is reported as non-detect or a reportable concentration

Values:

“Pass”

“Fail”

**State codes**

* Used to assign numbered identifier to represent individual state names within USA.

Values:

01|AL|Alabama|01779775

02|AK|Alaska|01785533

04|AZ|Arizona|01779777

05|AR|Arkansas|00068085

06|CA|California|01779778

08|CO|Colorado|01779779

09|CT|Connecticut|01779780

10|DE|Delaware|01779781

11|DC|District of Columbia|01702382

12|FL|Florida|00294478

13|GA|Georgia|01705317

15|HI|Hawaii|01779782

16|ID|Idaho|01779783

17|IL|Illinois|01779784

18|IN|Indiana|00448508

19|IA|Iowa|01779785

20|KS|Kansas|00481813

21|KY|Kentucky|01779786

22|LA|Louisiana|01629543

23|ME|Maine|01779787

24|MD|Maryland|01714934

25|MA|Massachusetts|00606926

26|MI|Michigan|01779789

27|MN|Minnesota|00662849

28|MS|Mississippi|01779790

29|MO|Missouri|01779791

30|MT|Montana|00767982

31|NE|Nebraska|01779792

32|NV|Nevada|01779793

33|NH|New Hampshire|01779794

34|NJ|New Jersey|01779795

35|NM|New Mexico|00897535

36|NY|New York|01779796

37|NC|North Carolina|01027616

38|ND|North Dakota|01779797

39|OH|Ohio|01085497

40|OK|Oklahoma|01102857

41|OR|Oregon|01155107

42|PA|Pennsylvania|01779798

44|RI|Rhode Island|01219835

45|SC|South Carolina|01779799

46|SD|South Dakota|01785534

47|TN|Tennessee|01325873

48|TX|Texas|01779801

49|UT|Utah|01455989

50|VT|Vermont|01779802

51|VA|Virginia|01779803

53|WA|Washington|01779804

54|WV|West Virginia|01779805

55|WI|Wisconsin|01779806

56|WY|Wyoming|01779807

60|AS|American Samoa|01802701

66|GU|Guam|01802705

69|MP|Northern Mariana Islands|01779809

72|PR|Puerto Rico|01779808

74|UM|U.S. Minor Outlying Islands|01878752

78|VI|U.S. Virgin Islands|01802710