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Data element	Definition
	laboratory in the State.
25. Sample Event Code	<p>A code assigned by the PWS for each sample event. This will associate samples with the PWS monitoring plan to allow EPA to track compliance and completeness. Systems must assign the following codes:</p> <p><b>SE1, SE2, SE3 and SE4</b> - represent samples collected to meet UCMR Assessment Monitoring requirements; where “SE1” and “SE2” represent the first and second sampling period for all water types; and “SE3” and “SE4” represent the third and fourth sampling period for SW, GU, and MX sources only.</p>
26. Historical Information for Contaminant Detections and Treatment	<p>A yes or no answer provided by the PWS for each entry point to the distribution system.</p> <p>Question: Have you tested for the contaminant in your drinking water in the past?</p> <p><b>YES</b> = If yes, did you modify your treatment and if so, what types of treatment did you implement? Select all that apply.</p> <ul style="list-style-type: none"> <li><b>PAC</b> = Application of powder activated carbon</li> <li><b>GAC</b> = Granular activated carbon adsorption (not part of filters in CON, SCO, INF, DFL, or SSF)</li> <li><b>IEX</b> = Ionic exchange</li> <li><b>Nanofiltration and reverse osmosis</b></li> <li><b>OZON</b> = Ozone</li> <li><b>Biologically Active Carbon</b></li> <li><b>MFL</b> = Membrane filtration</li> <li><b>ULVL</b> = Ultraviolet light</li> <li><b>Other</b></li> </ul> <p><b>No</b> = have never tested for the contaminant</p> <p><b>DK</b> = I do not know</p>
27. Potential PFAS Sources	<p>A yes or no answer provided by the PWS for each entry point to the distribution system.</p> <p>Question: Are you aware of any potential current and/or historical sources of PFAS that may have impacted the drinking water sources at your water system?</p> <p><b>YES</b> = If yes, select all that apply:</p> <ul style="list-style-type: none"> <li><b>MB</b> = Military Base</li> <li><b>FT</b> = Firefighting training school</li> <li><b>AO</b> = Airport Operations</li> <li><b>CW</b> = Car Wash or Industrial Launderers</li> <li><b>PS</b> = Public Safety Activities (e.g., fire and rescue services)</li> <li><b>WM</b> = Waste Management</li> <li><b>HW</b> = Hazardous waste collection, treatment and disposal, Underground Injection Well</li> </ul>

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Data element	Definition
	<p style="text-align: center;"><b>SC = Solid waste collection, combustors, incinerators</b>  <b>MF = Manufacturing</b>  <b>FP = Food Packaging</b>  <b>TA = Textile and Apparel</b> (e.g., stain- and water-resistant, fiber/thread, carpet, house furnishings, leather)  <b>PP = Paper</b>  <b>CC = Chemical</b>  <b>PR = Plastics and Rubber Products</b>  <b>MM = Machinery</b>  <b>CE = Computer and Electronic Products</b>  <b>FM = Fabricated Metal Products</b> (e.g., nonstick cookware)  <b>PC = Petroleum and Coal Products</b>  <b>FF = Furniture</b>  <b>OG = Oil and Gas Production</b>  <b>UT = Utilities</b> (e.g., sewage treatment facilities)  <b>CT = Construction</b> (e.g., wood floor finishing, electrostatic painting)  <b>OT = Other</b></p> <p><b>No</b> = I am not aware of any potential current and/or historical sources  <b>DK</b> – I do not know</p>
28. Direct Potable Reuse Water Information	<p>A yes or no answer provided by the PWS for each entry point to the distribution system.            Question: Do you use direct potable reuse as a source of water?  <b>Yes</b> = If yes, what is the blending ratio when used?                Enter blending ratio at sample point  <b>No</b> = do not use direct potable reuse water</p>

**Subpart E—Special Regulations, Including Monitoring Regulations and Prohibition on Lead Use**

3. In §141.40:

a. Removing “December 31, 2015” and add it its place “February 1, 2021 or subsequent corrections from the State,” in paragraph (a) introductory text.

b. Revising paragraphs (a)(2)(ii), (a)(2)(ii)(A), (a)(3), (a)(4)(i)(A) and (B) and (C).

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- c. Revising paragraph (a)(4)(ii) and the first sentence in paragraph (a)(4)(ii)(A).
- d. Removing paragraph (a)(4)(iii).
- e. Revising the fifth and sixth sentences in paragraph (a)(5)(ii), and paragraph (a)(5)(iii).
- g. Removing and reserving paragraph (a)(5)(iv).
- h. Revising paragraphs (a)(5)(v) and (vi) and paragraph (c).

The revisions read as follows:

**§141.40 Monitoring requirements for unregulated contaminants.**

(a) \* \* \*

\* \* \* \* \*

(2) \* \* \*

(ii) *Small systems*. EPA will provide sample containers, provide pre-paid air bills for shipping the sampling materials, conduct the laboratory analysis, and report and review monitoring results for all small systems selected to conduct monitoring under paragraphs (a)(2)(ii)(A) through (C) of this section. If you own or operate a PWS (other than a transient non-community water system) that serves a retail population of 3,300 to 10,000 people, or if you serve a population of fewer than 3,300 people and you are notified of monitoring requirements by the State or EPA, you must monitor as follows:

(A) *Assessment Monitoring*. You must monitor for the contaminants on List 1 per Table 1, in paragraph (a)(3) of this section, if you serve 3,300 to 10,000 people or are notified by your State or EPA that you are part of the State Monitoring Plan for Assessment Monitoring.

\* \* \* \* \*

(3) *Analytes to be monitored*. Lists 1, 2, and 3 contaminants are provided in the

















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(iii) Method 533 “Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry,” November 2019, EPA 815-B-19-020. Available on the Internet at <https://www.epa.gov/dwanalyticalmethods>.

(2) American Public Health Association, 800 I Street, NW, Washington, DC 20001-3710.

(i) “Standard Methods for the Examination of Water & Wastewater,” 23rd edition (2017).

(A) SM 3120 B “Metals by Plasma Emission Spectroscopy (2017): Inductively Coupled Plasma (ICP) Method.”

(ii) The following methods are from “Standard Methods Online.” Available for purchase on the Internet at <http://www.standardmethods.org>.

(A) SM 3120 B “Metals by Plasma Emission Spectroscopy: Inductively Coupled Plasma (ICP) Method (Editorial Revisions, 2011),” (SM 3120 B-99)

(3) ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

(i) ASTM D1976-20 “Standard Test Method for Elements in Water by Inductively-Coupled Plasma Atomic Emission Spectroscopy,” approved May 1, 2020. Available for purchase on the Internet at <https://www.astm.org/Standards/D1976.htm>.