

## eDWR – Quick Reference Guide for Laboratories Submitting Analytical Results for Safe Drinking Water Act Compliance Monitoring

Reporting Parameter (SDWIS Analyte Code)	e2 Reporting Capability	Comments
Asbestos (1094)	Yes	<p>Routine samples are typically collected at the Distribution System (Water Facility State Code: DS), or at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). In both instances, the Sample Point ID is always the same as the Water Facility State Code selected.</p> <p>Report results in Mfl (Millions of fibers per liter)</p>
Chlorite (1009) & Chlorine Dioxide (1008)	No	<p><u>Do not submit using e-DWR. Paper reporting is required at this time.</u></p>
<p><u>Coliform:</u></p> <p>Total Coliform (3100), E.Coli (3014), Fecal Coliform (3013)</p>	Yes	<p>Routine and Repeat samples are collected in the Distribution System (Water Facility State Code: DS). The Sample Point ID is always the same as the Water Facility State Code (i.e. DS).</p> <p>All repeat samples submitted <u>must</u> also include the original lab sample number of the routine positive so that the repeat sample can be linked to the original positive routine sample.</p> <p><b><u>Important note(s):</u></b></p> <p>1. You must submit the original routine samples <u>first</u> and receive a SDWIS accepted status on those samples prior to submitting the appropriate repeat samples.</p> <p>2. A street address location should be reported for all samples</p>
Copper (1022)	Yes	<p>Routine samples are typically collected in the Distribution System (Water Facility State Code: DS). The Sample Point ID is always the same as the Water Facility State Code (i.e. DS).</p> <p><b><u>Important note(s):</u></b></p> <p>1. Copper routine samples collected for Water Quality monitoring requirements are taken at the Point of Entry. Refer to Water Quality section below.</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>

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<u>Disinfection By-Product Precursor Compliance Report:</u>  Alkalinity (1927) & Total Organic Carbon (2920)	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
<u>Disinfection Residuals Report:</u>  Chlorine Residual (1012), or Chloramine Residual (1006)	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
<u>Haloacetic Acid Report (HAA5):</u>  Monochloroacetic Acid (2450), Dichloroacetic Acid (2451), Trichloroacetic Acid (2452), Monobromoacetic Acid (2453), Dibromoacetic Acid (2454)	Yes	Routine samples are typically collected in the Distribution System (Water Facility State Code: DS). Sample Point ID's are denoted by either DBPMAX (Point of Maximum Retention), DBPAVG1 (Midpoint in the Distribution System – Average Residence 1), DBPAVG2 (Midpoint in the Distribution System – Average Residence 2), or DBPAVG3 (Midpoint in the Distribution System – Average Residence 3) depending on where the sample was taken.  Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).
<u>Interim Enhanced Surface Water Treatment Rule (IESWTR) Turbidity Report:</u>  Turbidity (0100)	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
Individual Filter Assessment Report	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
Individual Filter Exception Report	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.

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<p><u>Inorganic Compounds:</u></p> <p>Antimony (1074),                      Arsenic (1005),                      Barium (1010),                      Beryllium (1075),                      Cadmium (1015),                      Chromium (1020),                      Cyanide (1024),                      Fluoride (1025),                      Mercury (1035),                      Nickel (1036),                      Selenium (1045),                      Sulfate (1055),                      Thallium (1085),                      Sodium (1052)</p>	Yes	<p>Routine samples are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). The Sample Point ID is always the same as the Water Facility State Code. For example, if the sample was collected at Water System Facility WL001001, the Point of Entry Sampling Point ID is also WL001001.</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>
<p>Iron (1028) &amp;                      Manganese (1032)</p>	Yes	<p>Routine samples collected to satisfy distribution monitoring requirements are collected in the Distribution System (Water Facility State Code: DS). The Sample Point ID is always the same as the Water Facility State Code (i.e. DS).</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p> <p><b><u>Important note(s):</u></b> Iron and Manganese samples collected for Secondary compliance are collected at the Point of Entry. Refer to Secondary section below.</p>
<p>Lead (1030)</p>	Yes	<p>Routine samples are collected in the Distribution System (Water Facility State Code: DS). The Sample Point ID is always the same as Water Facility State Code (i.e. DS).</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p> <p><b><u>Important note(s):</u></b> Lead routine samples collected for Water Quality monitoring requirements are taken at the Point of Entry. Refer to Water Quality below.</p>

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Monthly Operators Report for Ground Water Systems	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
Monthly Operators Report for Surface Water Treatment Plants	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.
Nitrate (1040), Nitrite (1041) or Total Nitrate/Nitrite (1038)	Yes	<p>Routine samples are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). The Sample Point ID is always the same as the Water Facility State Code selected. For example, if the sample was collected at Water System Facility WL001001, the Point of Entry Sampling Point ID is also WL001001.</p> <p><b><u>Important Note(s):</u></b></p> <p>1. Confirmation samples for nitrate or nitrite <u>must always</u> be submitted as Sample Type = Routine.</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>
<p><u>Pesticides, Herbicides &amp; Other Organic Compounds:</u></p> <p>Those analytes included under Method 504.1 or Method 505 or Method 507 or Method 515.2 or Method 515.3 or Method 525.2 or Method 531.1.</p>	Yes	<p>Routine samples are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). The Sample Point ID is always the same as the Water Facility State Code selected.</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>
QC Data for Hazardous Contaminant Analysis	No	<u>Do not</u> submit using e-DWR. Paper reporting is required at this time.

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<p><u>Radiologicals:</u></p> <p>Gross Alpha, including Radium and Uranium, excluding Radon (4002),                      Radium-226 (4020),                      Radium-228 (4030),                      Radon-222 (4004),                      Uranium Mass (URM),                      Uranium, Combined (4006)</p>	<p>No</p>	<p><u>Do not</u> submit using e-DWR. Paper reporting is required at this time.</p>
<p><u>Secondary Compounds:</u></p> <p>Foaming Agents – Surfactants (2905),                      Alkalinity, Total (1927),                      Aluminum (1002),                      Chloride (1017),                      Color (1905),                      Copper (1022),                      Corrosivity (1910),                      Fluoride (1025),                      Hardness, Carbonate (1916),                      Iron (1028),                      Manganese (1032),                      Odor (1920),                      pH (1925),                      Silver (1050),                      Sulfate (1055),                      Temperature, °C (1996),                      Total Dissolved Solids (1930),                      Zinc (1095)</p>	<p>Yes</p>	<p>Routine samples are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). The Sample Point ID is always the same as the Water Facility State Code selected.</p> <p>Results for Color (1905) shall be reported in Color Units (CU).                      Results for Odor (1920) shall be reported in TON (Threshold Odor Number).                      Results for pH (1925) shall be reported in PH units (Parts Hydrogen).                      Results for Temperature, °C (1996) shall be reported in °C (Degrees Celsius).</p> <p>The above referenced parameters are to be reported as actual concentrations. Therefore, the Less Than Indicator field shall <b>NOT</b> be valued with the Less Than (&lt;) symbol when entering results for the above referenced parameters.</p> <p>For all other secondary compounds, sample results are to be reported in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter)</p> <p><b>Important Note:</b></p> <ol style="list-style-type: none"> <li>1. Iron and Manganese samples collected for Distribution System monitoring requirements are collected in the distribution system. Refer to Iron and Manganese section above.</li> </ol>

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<p><u>Total Trihalomethane (TTHM4):</u>  Chloroform (2941), Bromoform (2942), Bromodichloromethane (2943), Chlorodibromomethane (2944)</p>	<p>Yes</p>	<p>Routine samples are collected in the Distribution System (Water Facility State Code: DS). Sample Point ID's are denoted by DBPMAX (Point of Maximum Retention), DBPAVG1 (Midpoint in the Distribution System – Average Residence 1), DBPAVG2 (Midpoint in the Distribution System – Average Residence 2), DBPAVG3 (Midpoint in the Distribution System – Average Residence 3).</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>
<p><u>Volatile Organic Compounds (VOC):</u>  Those analytes included under Method 502.2 or Method 524.2.</p>	<p>Yes</p>	<p>Routine samples are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009). The Sample Point ID will always be the same as the Water Facility State Code.</p> <p>For those Water Systems with a SDW permit requiring the collection of influent/effluent VOC samples on a biweekly or other basis, these results shall <b>not</b> be sent to the NJDEP-BSDW. These results do <u>not</u> have to be on state input forms, or submitted via E-DWR, and should be retained by the water system for inspection. Only quarterly, annual, or once every three year Point of Entry (POE) compliance VOC samples should be sent to the NJDEP-BSDW</p> <p>Report results in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter).</p>

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<p><u>Water Quality Parameters:</u></p> <p>Lead (1030), Copper (1022), Temperature, °C (1996), pH (1925), Conductivity (1064), Alkalinity, Carbonate (1929), Calcium (1016), Orthophosphate (1044), Silica (1049)</p>	<p>Yes</p>	<p>Lead and Copper routine samples for the Water Quality requirement are collected at the Point of Entry (Water Facility State Code: e.g. TP001001, or WL002005, or CH003009).. The Sample Point ID will always be the same as the Water Facility State Code selected.</p> <p>For all other parameters in this category (Water Quality), routine samples are collected in the Distribution System (Water Facility State Code: DS). The Sample Point ID will always be the same as the Water Facility State Code (i.e. DS).</p> <p>For Water Quality parameters that are to be sampled at the Point of Entry, only samples taken from the Point of Entry should be submitted unless requested by the NJDEP-BSDW, (i.e. samples taken before treatment, were applicable, should not be submitted).</p> <p>Results for the following parameters shall be reported in mg/L (Milligrams per Liter) or ug/L (Micrograms per Liter):</p> <p>Lead (1030), Copper (1022), Alkalinity, Carbonate (1929), Calcium (1016), Orthophosphate (1044), Silica (1049)</p> <p>Results for pH (1925) shall be reported in PH units (Parts Hydrogen).</p> <p>Results for Conductivity (1064) @ 25°C shall be reported in uMHO/cm .</p> <p>Results for Temperature, °C (1996) shall be reported in °C (Degrees Celsius).</p> <p><b><u>Important note(s):</u></b></p> <p>1. Lead and Copper distribution system (DS) samples shall <u>not</u> be reported for Water Quality parameter compliance sampling.</p>

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**Notes:**

1. As a guide, the NJDEP periodically provides each Community and Nontransient Noncommunity water system with a monitoring schedule. Please make sure that you obtain the monitoring schedule from your water system which outlines the routine samples required and the specific Water System Facility State Codes and/or Sample Point IDs for each system. Also note, the monitoring schedules may change based on samples and results submitted. Please refer to the Code of Federal Regulations (40 CFR 141) and the New Jersey Safe Drinking Water Act Regulations (N.J.A.C. 7:10) to confirm sampling requirements.
2. It is extremely important that you maintain contact with the water system regarding any potential water system facility/sampling point changes. The water system must notify both the NJDEP-BSDW and the laboratory responsible for collecting the necessary drinking water compliance samples of all changes to the Water System Facilities. Water System Facilities can change as treatment is added or removed from a well or as wells with no treatment are manifolded and unmanifolded (i.e. Common Headers are activated and inactivated). As a Water System Facility changes for a water system, it is in the best interest of the water system to notify the NJDEP-BSDW of this change, so that the necessary changes to the Safe Drinking Water Information System (SDWIS-State) can be made, including the updating of the water system's inventory and sample schedule(s). It is also recommended that the water system inform the laboratory responsible for collecting the necessary drinking water compliance samples of these changes and in particular changes to the water system's sample schedule. Failure to collect the drinking water compliance sample(s) from the proper water system facility will result in Monitoring and Reporting Violations for the water system.
3. To avoid non-submittal violations for any Water System facility that is not used at all during the monitoring period (i.e. quarter or year) that monitoring was required, a paper report form (i.e. Nitrate, Inorganic and/or Volatile Organic Report) must be submitted which clearly marks "Plant Not in Service during the Monitoring Period". The form shall contain the monitoring period for which the plant was not in service.
4. The NJDEP-BSDW requests that the Analysis Method Code be submitted with all sample results. The format of the Analysis Method Codes for an Analyte can be identified in E2 under Laboratory reports section located on the left side of the E2 Application. Select Reference Data, then select the Parameter tab. Enter the Parameter Code (e.g. 1040 for Nitrate) and "SDWIS" for the Parameter Code Context, and then select the GO button to retrieve an approved Methods List.
5. **IT IS EXTREMELY IMPORTANT THAT YOU DO NOT SUBMIT ANY PAPER REPORTING FORMS TO NJDEP FOR ANY OF THE SAMPLES THAT HAVE AN E2 AND SDWIS ACCEPTED STATUS.**