

| TOTAL DISSOLVED SOLIDS (TDS) | |
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| Test Description | Determination of total dissolved solids in water. |
| Test Use | Useful for evaluating drinking, surface, and saline waters; domestic and industrial wastes. |
| Test Department | Inorganic Chemistry: Phone 860-920-6666/6667 Fax 860-920-6670 |
| Methodology | SM 2540C |
| Availability | Year-round |
| Sample Requirements | One (1) sample collected in a pre-cleaned plastic Chem Bottle. |
| Container type /Preservative | ½ Gallon Chem Bottle No preservative. |
| Collection Instructions (Note 1) | For taps, remove aerators and let water run 4-5 minutes. For outdoor locations, sampling location should be in accordance with a preapproved quality assurance project plan. |
| Sample Holding Time & Transport | Samples are iced or refrigerated and kept at 4°±2°C from time of collection until analysis. Samples must be analyzed within 7 days of collection. |
| Unacceptable Conditions | Incomplete requisition form. Insufficient sample volume. Samples received beyond the 7-day holding time. |
| Requisition Form | Use the Inorganic Chemistry form (Drinking Water, Stream Survey, or Non-Potable Water) as appropriate to the type of water collected. |
| Required Information | Fill out entire requisition form. |
| Limitations | |
| Additional Comments | |

Note 1: See *New England States Environmental Sampling Guide*, latest edition.

<https://www.epa.gov/sites/production/files/2015-06/documents/NE-States-Sample-Collection-Manual.pdf>