

**NDDEQ - Watershed Management Program
Water Quality/Sediment/Soil Analysis Requests**

Group	Analyte	Container	Prep	Preservative
173	SW - General Chemistry, Dissolved	500 mL High Density Polyethylene (HDPE) Bottle	Not Filtered	Cool To 4° Celsius
		250 mL Nalgene Plastic Bottle	Filtered	2 mL Nitric Acid HNO3 Cool To 4° C
144	SW - Trace Metals Dissolved	Request for additional dissolved ICP Metals No Additional Bottle Needed when ordered with Group 173		
199	SW - General Chemistry, Total	500 mL (HDPE) Bottle	Not Filtered	Cool To 4° Celsius
		250 mL Nalgene Plastic Bottle	Not Filtered	2 mL Nitric Acid HNO3 Cool To 4° C
7	SW - Trace Metals	Request for additional non-dissolved ICP Metals No Additional Bottle Needed when ordered with Group 199		
30	SW - Nutrients, Complete	500 mL (HDPE) Bottle		2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
160	SW - Nutrients, Complete Dissolved	500 mL (HDPE) Bottle	Filtered	2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
118	SW - TSS	200 mL (HDPE) Bottle		Cool To 4° Celsius
204	SW - Chlorophylls by LC	50 mL Clear Plastic Vial		Filter Placed In Vial Vial Wrapped In Foil Cool To 4° Celsius
33130	SW - E. coli, quanti-tray	120 mL Sterile Bottle		Cool To 4° Celsius
Analytes - No Group Number				
9505	BOD - Biological Oxygen Demand	4L Cube		Cool To 4° Celsius
9455	SW - Bromide	Order w/ Group 199 - No Additional Bottle Needed		
9725	TOC - Total Organic Carbon	125 mL amber bottle		2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
9727	DOC - Dissolved Organic Carbon	125 mL amber bottle	Filtered	2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
Analytes - Additional Water				
6	SW - Nutrients, Partial	500 mL (HDPE) Bottle		2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
50	SW - Nutrient, Dissolved Phos.	200 mL (HDPE) Bottle	Filtered	2 mL Sulfuric Acid H2SO4 to pH 2 Cool To 4°C
21	Water - Carbamate	40 mL Amber glass vial w/ Septa Cap		1.25 ChlorAC Buffer/Cool To 4° C
23	Water - Acid Herbicide	125 mL glass jar		*Cool To 4° Celsius
25	Water - Base/Neutral Pesticide	(3) – 40 mL glass vials		**Cool To 4° Celsius
28	Water - VOC	(3) - 40 mL Amber glass vials w/ Septa Cap Must get VOC Trip Blank made @ Lab		3 Drops - 50% Hydrochloric Acid (HCl) Zero Head Space Cool To 4° C
35	Water - Conductivity	200 mL (HDPE) Bottle		Cool To 4° Celsius
83	Water - Trace Metals	250 mL Nalgene Plastic Bottle		2 mL Nitric Acid HNO3 Cool To 4° C

* If chlorination is present, the sample must be preserved with 10mg/L of Na₂S₂O₃ (sodium thiosulfate) and stored at 4 degrees C.

** If chlorination is present, the sample must be preserved with 3 mg/L of Na₂S₂O₃ (sodium thiosulfate) and stored at 4 degrees C.

Analytes - Additional Sediment - Soil

24	Weight - Acid Herbicide	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
26	Weight - Base/Neutral Pesticide	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
49	Weight - Trace Metals	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
81	SW - Sediment, Metals	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
82	Weight - BTEX	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
85	Weight - PCB	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
86	Weight - Nitrate+Nitrite	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
117	Weight - Carbamate	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
134	Weight - TKN	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
135	Weight - Ammonia	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius
136	Weight - Phosphorus	500 mL Glass Jar With Teflon Lined Cover	Cool To 4° Celsius