Required Containers, Preservation, and Holding Times

in accordance with 40 CFR Part 136 for non-potable waters

Acidity P,G Cool, 4°C 14 days Alkalinity P,G Cool, 4°C 14 days Alkalinity P,G Cool, 4°C 14 days Almonia-N P,G Cool, 4°C 12 8 days S-day BOD P,G Cool, 4°C 45O4 to pH<2 28 days Bromide P,G None 28 days COD P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days COD P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Chloride P,G None 28 days Chloride P,G None 38 days Chloride P,G None 38 days Chloride P,G None 48 hours Cristian P,G Cool, 4°C None 18 days Chloride P,G Cool, 4°C None 18 days Fluoride P,G Cool, 4°C None 18 days Hardness P,G Cool, 4°C None 28 days Hardness P,G HNO ₃ to pH<2, H ₂ SO ₄ to pH<2 6 months Hydrogen ion (pH) P,G None 18 days Hydrogen ion (pH) P,G Cool, 4°C H ₂ SO ₄ to pH<2 8 days Nitrate P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, illierable (TSS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, nonfilterable P,G Cool, 4°C 7 days Seedidue, nonfilterable P,G Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days		T	with 40 CFR Part 136 for non-potable	
Acidity P,G Cool, 4°C 14 days Alkalinity P,G Cool, 4°C 14 days Alkalinity P,G Cool, 4°C 12 28 days Ammonia-N P,G Cool, 4°C 4°C 28 days S-day BOD P,G Cool, 4°C 42 28 days Bromide P,G None 28 days COD P,G Cool, 4°C 42 28 days Chloride P,G None 28 days Chloride P,G None 28 days Chloride P,G None 38 days Chloride P,G None 48 hours Cyanide, total and amenable P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO₃ to pH<2, 1,250,4 to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H,5Ou, to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C H,5Ou, to pH<2 28 days Nitrite P,G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C H,5Ou, to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C H,5Ou, to pH<2 28 days Orthophosphate P,G Cool, 4°C H,5Ou, to pH<2 28 days Phosphorous, elemental G Cool, 4°C H,5Ou, to pH<2 28 days Phosphorous, elemental G Cool, 4°C H,5Ou, to pH<2 28 days Phosphorous, elemental G Cool, 4°C H,5Ou, to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, ilterable (TDS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, total P,G Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Parameter	Container	Preservative	Holding Time, Max.
Alkalinity P,G Cool, 4°C 14 days Ammonia-N P,G Cool, 4°C 42,504 to pH<2 28 days 5-day BOD P,G Cool, 4°C 48 hours Bromide P,G None 28 days Chloride P,G None 38 days Chloride P,G None 48 hours Cyanide, total and amenable P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G None 28 days Hardness P,G HNO ₃ to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO ₃ to pH<2, 0.6g Asc. acid 14 days Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C 49 to pH<2 8 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C 48 hours Organic carbon, (TOC) P,G Cool, 4°C 48 hours Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 7 days Residue, nonfilterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TDS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Inorganic Tests			
Ammonia-N P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days 5-day BOD P,G Cool, 4°C A8 hours Bromide P,G None 28 days COD P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days COD P,G None 28 days Chloride P,G None Analyze immediately Color P,G Cool, 4°C Cool, 4°C A8 hours Chloride, total residual P,G None Analyze immediately Color P,G Cool, 4°C Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cyanide, total and amenable P,G Cool, 4°C A8 hours Cool, 4°C	Acidity	P,G		14 days
5-day BOD P,G Cool, 4°C 48 hours Bromide P,G None 28 days COD P,G Cool, 4°C H₂SO₄ to pH<2	Alkalinity	P,G	Cool, 4°C	14 days
Bromide P,G None 28 days COD P,G Cool, 4°C H₂SO₄ to pH<2 28 days Chloride P,G None 28 days Chloride P,G None 28 days Chlorine, total residual P,G None Analyze immediately Color P,G Cool, 4°C AsOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO₃ to pH<2, H₂SO₄ to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H₂SO₄ to pH<2 28 days Nitrate P,G Cool, 4°C H₂SO₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrite P,G Cool, 4°C H₂SO₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H₂SO₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H₂SO₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H₂SO₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C HCl or H₂SO₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C H₂SO₄ to pH<2 28 days Phosphorous, total dissolved P,G Cool, 4°C H₂SO₄ to pH<2 28 days Phosphorous, total dissolved P,G Cool, 4°C H₂SO₄ to pH<2 28 days Residue, nonfilterable (TDS) P,G Cool, 4°C T₂SO₄ to pH<2 28 days Residue, nonfilterable (TDS) P,G Cool, 4°C T₂SO₄ to pH<2 28 days Residue, onfilterable (TSS) P,G Cool, 4°C T₂SO₄ to pH<2 28 days Residue, volatile P,G Cool, 4°C T₂SO₄ to pH<2 28 days Residue, volatile P,G Cool, 4°C T₂SO₄ to pH<2 28 days Residue, volatile P,G Cool, 4°C T₂SO₄ to pH<2 28 days Specific conductance P,G Cool, 4°C T₂SO₄ to pH<2 28 days	Ammonia-N	P,G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
COD P,G Cool, 4°C H₂SO₄ to pH<2 28 days Chloride P,G None 28 days Chlorine, total residual P,G None Analyze immediately Color P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid	5-day BOD	P,G	Cool, 4°C	48 hours
Chloride P,G None 28 days Chlorine, total residual P,G None Analyze immediately Color P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO3 to pH<2, H,SO4 to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kigledahl and organic nitrogen P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrate P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrate-Nitrite P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrite P,G Cool, 4°C H2SO4 to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C H2SO4 to pH<2 28 days Orthophosphate P,G Cool, 4°C 48 hours Phenols G Cool, 4°C H2SO4 to pH<2 28 days Phosphorous, elemental G Cool, 4°C H2SO4 to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Residue, nonfilterable (TDS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Selicia P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Bromide	P,G	None	28 days
Chlorine, total residual P,G None Analyze immediately Color P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO3 to pH<2, H2SO4 to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrate P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrate-Nitrite P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrite P,G Cool, 4°C H2SO4 to pH<2 28 days Nitrite P,G Cool, 4°C H2SO4 to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCI or H2SO4 to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCI or H2SO4 to pH<2 28 days Phenols G Cool, 4°C HCI or H2SO4 to pH<2 28 days Phosphorous, elemental G Cool, 4°C H2SO4 to pH<2 28 days Phosphorous, elemental G Cool, 4°C H2SO4 to pH<2 28 days Phosphorous, total dissolved P,G Cool, 4°C H2SO4 to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C T days Residue, nonfilterable (TDS) P,G Cool, 4°C T days Residue, volatile P,G Cool, 4°C T days Specific conductance P,G Cool, 4°C T days Specific conductance P,G Cool, 4°C T days Sulfate P,G Cool, 4°C T days	COD	P,G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
Color P,G Cool, 4°C 48 hours Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid	Chloride	P,G	None	28 days
Cyanide, total and amenable P,G Cool, 4°C NaOH to pH<2, 0.6g Asc. acid 14 days Fluoride P None 28 days Hardness P,G HNO ₃ to pH<2, H ₂ SO ₄ to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C Agree Nitrite P,G Cool, 4°C Agree Norman Nitrite P,G None Analyze immediately Nanalyze immed	Chlorine, total residual	P,G	None	Analyze immediately
Fluoride	Color	P,G	Cool, 4°C	48 hours
Hardness P,G HNO ₃ to pH<2, H ₂ SO ₄ to pH<2 6 months Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrite P,G Cool, 4°C 48 hours Nitrite P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrite P,G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, total dissolved P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Selica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Cyanide, total and amenable	P,G	Cool, 4°C NaOH to pH<2, 0.6g Asc. acid	14 days
Hydrogen ion (pH) P,G None Analyze immediately Kjeldahl and organic nitrogen P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Nitrite P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrite P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Phenols G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, total dissolved P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C Todays Residue, nonfilterable (TDS) P,G Cool, 4°C Todays Residue, settleable P,G Cool, 4°C Todays Residue, volatile P,G Cool, 4°C Todays Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Fluoride	Р	None	28 days
Kjeldahl and organic nitrogen P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrate P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Nitrate-Nitrite P,G Cool, 4°C 48 hours Nitrite P,G Cool, 4°C 48 hours Oil & Grease G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate Phenols G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 7 days Residue, nonfilterable (TDS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Hardness	P,G	HNO ₃ to pH<2, H ₂ SO ₄ to pH<2	6 months
Nitrate P,G Cool, 4°C Alson pH<2 28 days Nitrate-Nitrite P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrite P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Oil & Grease G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Phenols G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Sillica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Hydrogen ion (pH)	P,G	None	Analyze immediately
Nitrate-Nitrite P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Nitrite P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Oil & Grease G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C 48 hours Phenols G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 7 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Seesidue, volatile P,G Cool, 4°C 7 days Seesidue, volatile P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Kjeldahl and organic nitrogen	P,G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
Nitrite P,G Cool, 4° C 48 hours Oil & Grease G Cool, 4° C HCl or H_2SO_4 to $pH<2$ 28 days Organic carbon, (TOC) P,G Cool, 4° C HCl or H_2SO_4 to $pH<2$ 28 days Orthophosphate P,G Cool, 4° C 48 hours Phenols G Cool, 4° C 49 to $pH<2$ 28 days Phosphorous, elemental G Cool, 4° C 48 hours Phosphorous, total dissolved P,G Cool, 4° C 48 hours Phosphorous, total dissolved P,G Cool, 4° C 48 hours Residue, filterable (TDS) P,G Cool, 4° C 7 days Residue, nonfilterable (TSS) P,G Cool, 4° C 7 days Residue, settleable P,G Cool, 4° C 7 days Residue, total P,G Cool, 4° C 7 days Residue, volatile P,G Cool, 4° C 7 days Silica P Cool, 4° C 28 days Specific conductance P,G Cool, 4° C 28 days Sulfate P,G Cool, 4° C 28 days	Nitrate	P,G	Cool, 4°C	48 hours
Oil & Grease G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Orthophosphate P,G Cool, 4°C 48 hours Phenols G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 7 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Nitrate-Nitrite	P,G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
Organic carbon, (TOC) P,G Cool, 4°C HCl or H ₂ SO ₄ to pH<2 28 days Phenols G Cool, 4°C Phenols G Cool, 4°C Phosphorous, elemental G Cool, 4°C Phosphorous, total dissolved P,G Cool, 4°C Phosphorous, total dissolved P,G Cool, 4°C P,G Cool, 4°C T days Residue, filterable (TDS) P,G Cool, 4°C T days Residue, settleable P,G Cool, 4°C T days Residue, settleable P,G Cool, 4°C T days Residue, total P,G Cool, 4°C T days Residue, volatile P,G Cool, 4°C T days Specific conductance P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Nitrite	P,G	Cool, 4°C	48 hours
Orthophosphate P,G Cool, 4°C 48 hours Phenols G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 48 hours Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days	Oil & Grease	G	Cool, 4°C HCl or H ₂ SO ₄ to pH<2	28 days
Phenols G Cool, 4° C H ₂ SO ₄ to pH<2 28 days Phosphorous, elemental G Cool, 4° C H ₂ SO ₄ to pH<2 48 hours Phosphorous, total dissolved P,G Cool, 4° C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4° C 7 days Residue, nonfilterable (TSS) P,G Cool, 4° C 7 days Residue, settleable P,G Cool, 4° C 7 days Residue, total P,G Cool, 4° C 48 hours Residue, total P,G Cool, 4° C 7 days Residue, volatile P,G Cool, 4° C 7 days Silica P Cool, 4° C 28 days Specific conductance P,G Cool, 4° C 28 days Sulfate P,G Cool, 4° C 28 days	Organic carbon, (TOC)	P,G	Cool, 4°C HCl or H ₂ SO ₄ to pH<2	28 days
Phosphorous, elemental G Cool, 4°C 48 hours Phosphorous, total dissolved P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 7 days Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Orthophosphate	P,G	Cool, 4°C	48 hours
Phosphorous, total dissolved P,G Cool, 4°C H ₂ SO ₄ to pH<2 28 days Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 48 hours Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 7 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Phenols	G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
Residue, filterable (TDS) P,G Cool, 4°C 7 days Residue, nonfilterable (TSS) P,G Cool, 4°C 7 days Residue, settleable P,G Cool, 4°C 48 hours Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 7 days 8 days 8 Specific conductance P,G Cool, 4°C 28 days 8 Sulfate P,G Cool, 4°C 28 days	Phosphorous, elemental	G	Cool, 4°C	48 hours
Residue, nonfilterable (TSS) Residue, settleable Residue, settleable Residue, total Residue, volatile Residue, volatile P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days P,G Cool, 4°C 7 days Sulfate P,G Cool, 4°C 28 days Cool, 4°C 28 days Sulfate	Phosphorous, total dissolved	P,G	Cool, 4°C H ₂ SO ₄ to pH<2	28 days
Residue, settleable P,G Cool, 4°C 48 hours Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Residue, filterable (TDS)	P,G	Cool, 4°C	7 days
Residue, total P,G Cool, 4°C 7 days Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Residue, nonfilterable (TSS)	P,G	Cool, 4°C	7 days
Residue, volatile P,G Cool, 4°C 7 days Silica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Residue, settleable	P,G	Cool, 4°C	48 hours
Silica P Cool, 4°C 28 days Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Residue, total	P,G	Cool, 4°C	7 days
Specific conductance P,G Cool, 4°C 28 days Sulfate P,G Cool, 4°C 28 days	Residue, volatile	P,G	Cool, 4°C	7 days
Sulfate P,G Cool, 4°C 28 days	Silica	Р	Cool, 4°C	28 days
	Specific conductance	P,G	Cool, 4°C	28 days
Sulfide P,G Cool, 4°C add ZnAC + NaOH to pH>9 7 days	Sulfate	P,G	Cool, 4°C	28 days
	Sulfide	P,G	Cool, 4°C add ZnAC + NaOH to pH>9	7 days
Sulfite P,G None Analyze immediately	Sulfite	P,G	None	Analyze immediately
Surfactants (MBAS) P,G Cool, 4°C 48 hours	Surfactants (MBAS)	P,G	Cool, 4°C	48 hours
Temperature P,G None Analyze immediately	Temperature	P,G	None	Analyze immediately
Turbidity P,G Cool, 4°C 48 hours	Turbidity	P,G	Cool, 4°C	48 hours
Metals	Metals			
Metals, except Cr(VI) and Hg P,G HNO ₃ to pH<2 6 months	Metals, except Cr(VI) and Hg	P,G	HNO ₃ to pH<2	6 months
Chromium (VI) P,G Cool, 4°C, or buffered to pH 9.3-9.7 24 hours, or 28 days	Chromium (VI)	P,G	Cool, 4°C, or buffered to pH 9.3-9.7	24 hours, or 28 days
Mercury, Hg P,G HNO ₃ to pH<2 28 days	Mercury, Hg	P,G	HNO ₃ to pH<2	28 days