

Air & Metals (A&M) Section Analyses:

- Filter for Lead (EPA 200.8 ICP-MS): Pb
- Mercury - Single metal analysis (EPA 245.1 CVAA): Hg
- Mercury – Single metal analysis, solid sample (EPA 245.5 CVAA): Hg
- Aluminum - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Al
- Antimony - Individual metal analysis (EPA 200.8 ICP-MS): Sb
- Arsenic - Individual metal analysis (EPA 200.8 ICP-MS): As
- Barium - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Ba
- Beryllium - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Be
- Boron - Individual metal analysis (EPA 200.7 ICP-OES): B
- Cadmium - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Cd
- Calcium - Individual metal analysis (EPA 200.7 ICP-OES): Ca
- Chromium - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Cr
- Cobalt - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Co
- Copper - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Cu
- Germanium – Individual metal analysis (EPA 200.8 ICP-MS): Ge
- Iron - Individual metal analysis (EPA 200.7 ICP-OES): Fe
- Lead - Individual metal analysis (EPA 200.8 ICP-MS): Pb
- Magnesium - Individual metal analysis (EPA 200.7 ICP-OES): Mg
- Manganese - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Mn
- Mercury – Individual metal analysis (EPA 200.8 ICP-MS): Hg
- Molybdenum - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Mo
- Nickel - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Ni
- Potassium - Individual metal analysis (EPA 200.7 ICP-OES): K
- Selenium - Individual metal analysis (EPA 200.8 ICP-MS): Se
- Silicon - Individual metal analysis (EPA 200.7 ICP-OES): Si
- Silver - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Ag
- Sodium - Individual metal analysis (EPA 200.7 ICP-OES): Na
- Strontium - Individual metal analysis (EPA 200.7 ICP-OES): Sr
- Thallium - Individual metal analysis (EPA 200.8 ICP-MS): Tl
- Uranium - Individual metal analysis (EPA 200.8 ICP-MS): U
- Vanadium - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): V
- Zinc - Individual metal analysis (EPA 200.7 ICP-OES/200.8 ICP-MS): Zn
- Group Metal Analysis (EPA 200.7 ICP-OES Scan): Al Ba Be B Cd Ca Cr Co Cu Fe Mg Mn Mo Ni K Si Ag Na Sr V Zn
- Group Metal Analysis (EPA 200.8 ICP-MS Scan): Al Sb As Ba Be Cd Cr Co Cu Pb Hg Mn Mo Ni Se Ag Tl U V Zn
- SDWA Lead & Copper (EPA 200.8 ICP-MS): Pb Cu
- SDWA Group I (EPA 200.8 ICP-MS): Sb As Ba Be Cd Cr Hg Ni Se Tl
- SWQB Dissolved Metals (200.7/200.8): Al Sb As Ba Be B Cd Ca Cr Co Cu Pb Mg Mn Hg Mo Ni Se Ag Tl U V Zn
- SWQB Total Metals (200.7/200.8/245.1): Al Sb As Ba Be B Cd Ca Cr Co Cu Pb Mg Mn Hg Mo Ni Se Ag Tl U V Zn
- SWQB Total Mercury / Total Selenium (EPA 245.1 CVAA/200.8 ICP-MS): Hg Se
- 4CSBC Arsenic (III) (EPA 200.8 ICP-MS Metals): As (III)
- 4CSBC Metals (EPA 200.8 ICP-MS): As Cd Mn Hg Se U
- Calcium & Magnesium, for hardness (EPA 200.7 ICP-OES): Ca Mg
- Cations (EPA 200.7 ICP-OES): Na K Ca Mg Fe Mn
- UCMR4 Germanium and Manganese (EPA 200.8 ICP-MS, 41418 HM Drinking Water Digest): Ge, Mn
- Total Solids (SOP 41903)
- Acid Digestion (SOP 41414 HM Non Drinking Water Digest)
- Acid Digestion (SOP 41415 HM Solid Digest)
- Acid Digestion (SOP 41418 HM Drinking Water Digest)
- Acid Digestion (SOP 41419 HM Filter Digest)

Water Chemistry (WC) Section Analyses:

- Alkalinity (SM 2320B Alkalinity, Bicarbonate, Carbonate, pH)
- Ammonia (EPA 350.1 Ammonia)
- Chloride (EPA 300.0 Part A Anions - Chloride)
- Chloride – Sulfate (EPA 300.0 Part A Anions – Chloride - Sulfate)
- Chloride & TDS (EPA 300.0 Part A Anions, SM 2540C TDS)
- Color (SLD Screen Color)
- Conductivity (SM 2510B Conductivity)
- Cyanide, Free (SM 4500CN-F Free Cyanide)
- Cyanide, Total (EPA 335.4 Total Cyanide)
- Fluoride (SM 4500F-C Fluoride)
- Major Anions (SM 2320B Alkalinity, EPA 300.0 Chloride, Sulfate, SM 2540C TDS)
- Nitrate + Nitrite (EPA 353.2 Nitrate + Nitrite)
- Nitrate + Nitrite, Ammonia, TKN (EPA 353.2 Nitrate + Nitrite, 350.1 Ammonia, 351.2 TKN)
- Nitrate + Nitrite, TKN (EPA 353.2 Nitrate + Nitrite, 351.2 TKN)
- Nitrite (EPA 353.2 Nitrite)
- Nutrients (EPA 353.2 Nitrate + Nitrite, 350.1 Ammonia, 351.2 TKN, 365.4 Phosphate - Total)
- Nutrients, Low (EPA 353.2 Nitrate + Nitrite, 350.1 Ammonia, 351.2 TKN, 365.1 Phosphate - Low Concentration)
- Phosphate - Low Concentration (EPA 365.1 Phosphate - Low Concentration)
- Phosphate – Ortho (EPA 365.1 Phosphate – Ortho)
- Phosphate - Total (EPA 365.4 Phosphate - Total)

New Mexico Scientific Laboratory Division – Chemistry Bureau Analyses in the Request Form Drop-down Menus.

- Sulfate (EPA 300.0 Part A Anions - Sulfate)
- SWQB NPS Anions (Alkalinity, Chloride, Sulfate, Fluoride, Color, Conductivity, TDS, TSS)
- SWQB SS Anions (SM 2320B Alkalinity, 300.0 Chloride, Sulfate, SM 2540C TDS, SM 2540D TSS)
- TDS & TSS (SM 2540C Total Dissolved Solids, SM 2540D Total Suspended Solids)
- TDS (SM 2540C Total Dissolved Solids - TDS)
- TKN (EPA 351.2 Total Kjeldahl Nitrogen - TKN)
- TOC (SM 5310 Total Organic Carbon - TOC)
- TSS (SM 2540D Total Suspended Solids - TSS)
- Turbidity (EPA 180.1 Turbidity)

Organics (OR) Section Analyses:

- SDWA Organic Disinfection Byproduct Suite (EPA 524.2 SDWA TTHM, 552.2 HAA5)
- SDWA HAA5 (EPA 552.2 SDWA Haloacetic Acids)
- SDWA HAA5 (EPA 552.3 SDWA Haloacetic Acids)
- SDWA TTHM (EPA 524.2 SDWA Total Trihalomethanes)
- SDWA VOCs I (40 CFR 141.61a) (EPA 524.2 SDWA Volatile Organic Compounds I)
- SDWA Full Suite Semi-volatiles (SOCs = 40 CFR 141.61c) (EPA 504.1, 508.1, 515.4, 525.2, 531.2, 547, 548.1, 549.2)
- SDWA Acid Herbicides (EPA 515.4 SDWA Acid Herbicides)
- SDWA Carbamates (EPA 531.2 SDWA Carbamates)
- SDWA Diquat (EPA 549.2 SDWA Diquat)
- SDWA Endothall (EPA 548.1 SDWA Endothall)
- SDWA Glyphosate (EPA 547 SDWA Glyphosate)
- SDWA SOCs (EPA 525.2 SDWA Synthetic Organic Compounds)
- SDWA Chlordane, Toxaphene, PCBs (EPA 508.1 SDWA Chlordane, Toxaphene, PCBs)
- SDWA SOCs + Chlordane, Toxaphene, PCBs (EPA 525.2 SDWA SOCs, 508.1 SDWA Chlordane, Toxaphene, PCBs)
- SDWA Pesticides + SOCs (EPA 525.3 SDWA Pesticides + Synthetic Organic Compounds)
- SDWA VOCs II EDB & DBCP (EPA 504.1 SDWA Volatile Organic Compounds II EDB)
- Mass Spec VOCs (EPA 8260B SW846 Mass Spec VOCs)
- Appendix IX Mass Spec VOCs (EPA 8260B SW846 Mass Spec VOCs Appendix IX)
- B/N Semi-volatiles, no phenols (EPA 8270D SW846 Base/Neutral Semi-volatiles)
- B/N/A Semi-volatiles (EPA 8270D SW846 Base/Neutral/Acid Semi-volatiles)
- B/N/A Pesticides (EPA 8270D SW846 Base/Neutral/Acid Pesticides)
- OCPs (EPA 8081 SW846 Organochlorine Pesticides)
- PCBs (EPA 8082 SW846 Polychlorinated Biphenyls)
- 1,4-Dioxane (EPA 522 Dioxane)
- UCMR4 Total Microcystins by ELISA (EPA 546 Total Microcystins)

Radiochemistry (RC) Section Analyses:

- Drinking Water Sequential (40 CFR 141.66 b,c,e)
- SWQB Sequential
- Baseline – Gross Alpha / Beta, Radium-226, Radium-228, Uranium by ICP-MS (EPA 900.0, EPA 903.1, 904.0, 200.8)
- Gross Alpha and/or Beta (EPA 900.0 Gross Alpha and/or Beta)
- Radium-226 (EPA 903.1 Radium-226)
- Radium-228 (EPA 904.0 Radium-228)
- Uranium by ICP/MS (EPA 200.8 Uranium by ICP-MS)
- Uranium-234/238 (U-02-RC Uranium-234/238 Isotope ratio)
- Gamma Scan, enquire (EPA 901.1 Gamma Scan, 60-1850 keV)
- Plutonium-238/(239 + 240), enquire
- Americium-241, enquire
- Pyrosulfate Fusion for Radium-226 or Radium-228, when needed

Chemical Threat Analytical Response (CTAR) Section Analyses, Biomonitoring Methods Only:

- 4CSBC Metals (by ICP-MS): As Cd Mn Hg Se U
- 4CSBC Pyrethroid (by LC-MS/MS): Pyr
- Multiple Toxic Elements (by ICP-MS): As Ba Be Cd Pb Tl U
- Arsenic (by ICP-MS): As
- Lead (by ICP-MS): Pb
- Uranium (by ICP-MS): U