

Bureau of Safe Drinking Water

CMDP Data Submission Guide – Chemical/Radionuclide/Disinfection Byproducts

Document Instructions

The Excel template used for reporting Chemical/Radionuclide/Disinfection Byproductssamples is separated into three sections:**Sample Information**, **Results,** and **Field Results and Measurements***(do not use for Chem/Rad/DBP reporting).*

Submit the information as described on the following pages for **Chemical**, **Radionuclide, and Disinfection Byproducts** samples. This guidance document will highlight the required fields within each section.

Header fields in **RED** and underlined text are **required** in order to meet federal and state reporting requirements.

Header fields in **BLUE** and underlined text are conditionally or situationally required.

Header fields in **BLACK text** are not required for a successful data submission.

***Samples will be rejected if the required fields are left blank.***

Additionally, keep in mind:

* Use drop down icons to filter data.
* If you have questions, please contact our CMDP support staff at E-Data\_BSDW@ndep.nv.gov.

 

**Section 3: Field Results and Measurements** Do not use for Chem/Rad/DBPs

**Section 2: Chem/Rad Results**

**Section 1: Sample Information**



**Methods Chart: Page 5**

Section 1: Sample Information



Reporting Lab ID: Lab identification number.

Sample ID: Lab sample identification number, limit to 20 characters (numbers, letters, dashes, and underscores are allowed).

Sample Received Date: Date sample was received by lab (MM/DD/YY).

WS ID: Public Water System identification number (PWSID).

NOTE: Each water system name has a unique PWS ID number. If the name and number on the work order does not match what is listed in CMDP, contact E-Data\_BSDW@ndep.nv.gov or 775-687-9521 for help.

Facility ID: Select the appropriate water system facility from where the sample was collected.

Sampling Point ID: Select the appropriate sample point related to the facility where the sample was collected.

If you are unsure of the **Facility ID** and **Sampling Point ID** to enter, refer to either:

* Drinking Water Watch: <https://ndwis.ndep.nv.gov/DWW/>
* CMDP Water System Facility/Sample Point List, which provides the appropriate Facility ID and Sample Point ID for each analyte sampled for an individual public water system.

Sampling Location: This field must describe the location where the sample was taken from in the distribution system (i.e., 123 Main Street, Health Clinic, Kitchen sink, etc.). Keep description succinct (numbers, letters, dash/underscore (-\_) only).

Collection Date: Date sample collected (MM/DD/YY).

Collection Time (24H): Time sample collected (HH:MM).

Sample Type: From the drop down menu, select the appropriate sample type (routine, confirmation, special, etc.).

Sample Volume: Volume of sample analyzed (numerical value only).

Repeat Location: Do not report data in this field.

Original Sample ID: If reporting a conformation sample, enter the lab sample ID number of the original sample collected.

Original Reporting Lab. ID: Not required, but report if information is available.

Original Collection Date: Not required, but report if information is available (MM/DD/YY).

Comment: Comments are optional.

Sample Collector Name: Name of sample collector.

Section 2: Chem/Rad/DBP Results



Analyte [Code-Name]: From the drop down menu (pictured below), select the analytes you are submitting results for as appropriate.



NOTE: This list will NOT filter by the analytes your lab (or lab that you have subcontracted with) is certified for, so be sure to verify the certification information prior to data submission.

Not Detected: From the drop down menu, select whether the contaminant was Not Detected (select Yes) or Detected (select No) in the analyzed sample.

Result: Enter the appropriate reported result of the sample only if reporting a detect.

Result UOM: From the drop down menu (pictured below), select the unit of measure for the sample result as appropriate



Standard Deviation (+/-): Not required, but report if applicable.

Reporting Limit: Enter the appropriate reporting limit of the analyte.

Reporting Limit UOM: From the drop down menu, select the unit of measure for the reporting limit as appropriate.

Volume Assayed: Not required, but report if applicable (numerical value only).

Method: This drop down list includes methods for ALL chem/rad/DBP analyses and is not filtered by the analytes your lab (or subcontracting lab) is certified for. Be sure to verify certification status and select the appropriate method listed in the Methods Chart. Notice that each **Analysis Method Used** by labs is assigned to a specific *reporting code*indicated in the **Report this Method in CMDP** column. Samples will be rejected if users report a code that is not listed on the methods chart.

Analysis Start Date: Date when lab began analysis (MM/DD/YY).

Analysis Start Time: Time when lab began analysis (HH:MM).

Analysis Completed Date: Not required but report if information is available (MM/DD/YY).

Analysis Completed Time: Not required but report if information is available (HH:MM).

Analyzing Lab ID: If the sample was subcontracted to a different lab for analysis, the analyzing lab identification number is required to be reported here.

Comment: Not required.

Section 3: Field Results and Measurements (Distribution Chlorine)

Leave this section blank for Chem/Rad/DBP submissions.

|  |  |  |
| --- | --- | --- |
| **Analysis Method Used**  | **Analyte** | **Report this Method in CDMP** |
| 502.2 | 1,1,1-Trichloroethane-R, 1,1,2-Trichloroethane-R, 1,1-Dichloroethylene-R, 1,2,4-Trichlorobenzene-R, 1,2-Dichlorobenzene-R, 1,2-Dichloroethane-R, 1,2-Dichloropropane-R, 1,4-Dichlorobenzene-R, Benzene-R, Bromodichloromethane-T, Bromoform-T, Carbon Tetrachloride-R, Chlorobenzene-R, Chloroform-T, cis-1,2-Dichloroethylene-R, Dibromochloromethane-T, Dichloromethane (Methylene Chloride)-R, Ethylbenzene-R, Styrene-R, Tetrachloroethylene-R, Toluene-R, Total THM-T, Total Xylenes-R, trans-1,2 Dichloroethylene, Trichloroethylene-R, Vinyl Chloride-R | VOC, GC, PID/ECD, P&T, CAPCOLUMN |
| 551 | 1,1,1-Trichloro-2-Propane, 1,1,1-Trichloroethane, 1,1-Dichloro-2-Propane, 1,2-Dibromo-3-Chloropropane, Bromochloroacetonitrile, Bromochloromethane, Bromoform, Carbon Tetrachloride, Chloral Hydrate, Chloroform, Chloropicrin, Dibromoacetonitrile, Dibromochloromethane, Dichloroacetonitrile, Ethylene Dibromide, Tetrachloroethylene, Trichloroacetonitrile, Trichloroethylene, TTHM | DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT |
| 524.1 | 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 1,3-Dichloropropane, 1,3-Dichloropropene, 2,2-Dichloropropane, Bromobenzene, Bromodichloromethane, Bromomethane, Chloroethane, Chloromethane, Dibromomethane, Dichlorodifluoromethane, M-Dichlorobenzene, Naphthalene, N-Propylbenzene, O-Chlorotoluene, O-Dichlorobenzene, P-Chlorotoluene, P-Dichlorobenzene, Trichlorofluoromethane | VOC, GC/MS, P&T, PACKCOLUMN |
| 524.2 | 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloro-2-Propane, 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 1,3-Dichloropropane, 1,3-Dichloropropene, 2,2-Dichloropropane, Bromobenzene, Bromodichloromethane, Bromomethane, Chloroethane, Chloromethane, Dibromomethane, Dichlorodifluoromethane, M-Dichlorobenzene, Naphthalene, N-Propylbenzene, O-Chlorotoluene, O-Dichlorobenzene, P-Chlorotoluene, P-Dichlorobenzene, Trichlorofluoromethane | 524.2-VOC, GC/MS, P&T, CAPCOLUMN  |
| 524.3 | 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloro-2-Propane, 1,1-Dichloroethane, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 1,3-Dichloropropane, 1,3-Dichloropropene, 2,2-Dichloropropane, Bromobenzene, Bromodichloromethane, Bromomethane, Chloroethane, Chloromethane, Dibromomethane, Dichlorodifluoromethane, M-Dichlorobenzene, Naphthalene, N-Propylbenzene, O-Chlorotoluene, O-Dichlorobenzene, P-Chlorotoluene, P-Dichlorobenzene, Trichlorofluoromethane | VOC, GC/MS, P&T, CAP COLUMN |
| 504.1 | 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane-EDB | 504.1-GC-MICROEXTRACTION-ECD  |
| 551.1 | 1,2-Dibromo-3-chloropropane, Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, Ethylene Dibromide, TTHM | DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT |
| 503.1 | 1,2,3-Trichlorobenzene, 1,2,4-Trimethlybenzene, 1-3-5-Trimethylbenzene, Bromobenzene, Chlorobenzene, Hexachlorobutadiene, Isopropylbenzene, M-Dichlorobenzene, Naphthalene, N-Butylbenzene, N-Propylbenzene, O-Chlorotoluene, O-Dichlorobenzene, P-Chlorotoluene, P-Dichlorobenzene, P-Isopropyltoluene, Sec- Butylbenzene, Tert-Butylbenzene | VOC, AROMATIC/UNSATURATED, GC, P&T |
| 1613 | 2,3,7,8-TCDD | HIGH RES GCMS-CAPCOL-L/L EXTRACTION |
| 515.1 | 2,4,5-T, 2,4,5-TP, 2,4-D, 2,4-DB, 3,5-Dichlorobenzoic Acid, Bentazon, Chloramben, Dalapon, DCPA, DCPA Di Acid Degradate, DCPA Mono/Di Acid Degradates, Dicamba, Dichlorprop, Dinoseb, MCPA, Mecoprop, Pentachlorophenol, Picloram | ACIDS, CHLORINATED, GC, ELCAPDET |
| 515.2 | 2,4,5-TP, 2,4-D, Dicamba, Dinoseb, Mecoprop, Pentachlorophenol, Picloram | ACIDS, CHLORINATED, GC, ELCAPDET |
| 515.3 | 2,4,5-T, 2,4,5-TP, 2,4-D, 2,4-DB, 3,5-Dichlorobenzoic Acid, Acifluorfen, Bentazon, Dalapon, DCPA, Dicamba, Dichlorprop, Dinoseb, Mecoprop, Pentachlorophenol (PCP), Picloram | 515.3-515.3 |
| 515.4 | 2,4,5-T, 2,4,5-TP, 2,4-D, 2,4-DB, 3,4-Dichlorobenzoic Acid, 3,5-Dichlorobenzoic Acid, 4-Nitrophenol, Acifluorfen, Bentazon, Dalapon, DCPA, DCPA Di Acid Degradate, DCPA Mono Acid Degradate, DCPA Mono/Di Acid Degradates, Dicamba, Dichlorprop, Dinoseb, Pentachlorophenol, Picloram | PESTICIDES, CHLORINATED, GC, ELCAPDET |
| 555 | 2,4,5-TP, 2,4-D, Dicamba, Dinoseb, Pentachlorophenol, Picloram | ACIDS, CHLORINATED, GC, ELCAPDET |
| 552 | 2,4,6-Trichlorophenol, 2,4-Dichlorophenol, Bromochloroacetic Acid, Dibromoacetic Acid, Dichloroacetic Acid, Monobromoacetic Acid, Monochloroacetic Acid, Trichloroacetic Acid | HAAS - GC L/L ELECTRON CAPTURE |
| 6251B | 2,4,6-Trichlorophenol, Bromochloroacetic Acid, Dibromoacetic Acid, Dichloroacetic Acid, Monobromoacetic Acid, Monochloroacetic Acid, Trichloroacetic Acid | GC-L/S EXTRACTION-ELECTRON CAPTURE DETEC |
| 531.1 | 3-Hydroxycarbofuran, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl, Oxamyl (vydate) | PESTICIDES, CARBAMATES, HPLC, POSTCOL |
| 531.2 | 3-Hydroxycarbofuran, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Baygon, Carbaryl, Carbofuran, Methiocarb, Methomyl, Oxamyl | 531.2-531.2  |
| 6610 | 3-Hydroxycarbofuran, Aldicarb, Aldicarb Sulfone, Aldicarb Sulfoxide, Carbaryl, Carbofuran, Methomyl | PESTICIDES, CARBAMATES, HPLC, POSTCOL |
| 550 | Acenaphthene, Acenaphthylene, Anthracene, Benzo(A)Anthracene, Benzo(A)Pyrene, Benzo(B)Fluoranthene, Benzo(G,H,I)Perylene, Benzo(K)Fluoranthene, Chrysene, Dibenzo(A,H)Anthracene, Fluoranthene, Fluorene, Ideno(1,2,3-CD)Pyrene, Naphthalene, Phenanthrene, Pyrene | HIGH PERF LIQ CHR-L/L EXT- UV AND FLUOR |
| 525.2 | Alpha-BHC, Beta-BHC, Delta-BHC, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Acenaphthene, Acenaphthylene, Acetochlor, Acifluorfen, Aldrin, Alpha-Chlordane, Anthracene, Arochlor 1016, Arochlor 1221, Arochlor 1232, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260, Atraton, Atrazine, Benzo(A)Anthracene, Benzo(A)Pyrene, Benzo(B)Fluoranthene, Benzo(G,H,I)Perylene, Benzo(K)Fluoranthene, BHC-Gamma, Bis(2-Ethylhexyl) Phthalate, Bromacil, Butachlor, Butylbenzyl Phthalate, Caffeine, Captan, Chlordane, Chlordane Gamma, Chlorobenzilate, Chloroneb, Chloropropham, Chloropyrifos, Chlorothalonil, Chrysene, Cyanazine, Di(2-Ethylhexyl) Adipate, Di(2-Ethylhexyl) Phthalate, Dibenzo(A,H)Anthracene, Dichlorovos, Dieldrin, Diethyl Phthalate, Di-N-Butyl Phthalate, Di(2-Ethylhexyl) Phthalate, Dibenzo(A,H)Anthracene, Dichlorovos, Dieldrin, Dimethyl Phthalate, Dimethoate, Di-N-Butyl Phthalate, Di-N-Octyl Phthalate, Diphenamid, Disulfoton, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, EPTC, Fluoranthene, Fluorene, Gamma-Chlordane, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Ideno(1,2,3-CD)Pyrene, Isophorone, Lasso, Malathion, Methoxychlor, Metolachlor, Metribuzin, Molinate, Naphthalene, Para-Para DDD, Para-Para DDE, Para-Para DDT, Parathion (Ethyl), Pendimethalin, Pentachlorophenol, Permethrin (Mixed, Cis, Trans), Phenanthrene, Prometon, Prometryn, Propachlor, Pyrene, Secbumeton, Simazine, Spectracide, Terbacil, Terbutryn, Terbutylazine, Thiobencarb (Bolero), Total Polychlorinated Biphenyls (PCB), Toxaphene, Trans-Nonachlor, Trifluran, Trithion | 525.2-ORGANICS, GC/MS, LIQ/SOLEXT, CAPCOLUMN  |
| 505 | Aldrin, Alpha-Chlordane, Arachlor 1016, Arachlor 1221, Arachlor 1232, Arachlor 1242, Arachlor 1248, Arachlor 1254, Arachlor 1260, Atrazine, BHC-Gamma, Chlordane, Chlorothalonil, Cis-Nonachlor, Di(2-Ethylhexyl) Adipate, Dieldrin, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lasso, Methoxychlor, Simazine, Total PCBs, Toxaphene, Trans-Nonachlor, Trifluralin | 505-PESTICIDES, PCB, GC, MICROEXTRACT  |
| 508 | Alpha-BHC, Beta-BHC, Delta-BHC, Aldrin, Alpha-Chlordane, Aroclor 1016, Arochlor 1221, Arochlor 1232, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260, BHC-Gamma, Chlordane, Chlorothalonil, Di(2-Ethylhexyl) Adipate, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Methoxychlor, Para-Para DDD, Para-Para DDE, Para-Para DDT, Propachlor, Total Polychlorinated Biphenyls (PCB), Toxaphene, Trifluran | PESTICIDES, CHLORINATED, GC, ELCAPDET |
| 508.1 | Alpha-BHC, Beta-BHC, Delta-BHC, Aldrin, Alpha-Chlordane, Aroclor 1016, Arochlor 1221, Arochlor 1232, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260, Atrazine, BHC-Gamma, Chlordane, Di(2-Ethylhexyl) Adipate, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lasso, Methoxychlor, Metochlor, Metribuzin, Para-Para DDD, Para-Para DDE, Para-Para DDT, Propachlor, Total Polychlorinated Biphenyls (PCB), Toxaphene | PESTICIDES, PCB, GC, MICROEXTRACT |
| 2320B | Alkalinity | 2320B-TITRIMETRIC  |
| 2320B-97 | Alkalinity | 2320B-TITRIMETRIC  |
| 310.1 | Alkalinity | TITRIMETRIC |
| D1067-88B | Alkalinity | TITRIMETRIC |
| D1067-92B | Alkalinity | TITRIMETRIC |
| I-1030-85 | Alkalinity | TITRIMETRIC |
| 202.1 | Aluminum | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 202.2 | Aluminum | ATOMIC ABSORPTION, FURNACE |
| 3111D | Aluminum, Barium | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 3500AL-D | Aluminum | COLORIMETRIC |
| 200.7 | Aluminum, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Hardness (as CaCO3), Hardness (calcium magnesium), Iron, Lithium, Magnesium, Manganese, Nickel, Potassium, Phosphate, Phosphorus, Selenium, Silica, Silicon, Silver, Strontium, Sodium, Tin, Titanium, Vanadium, Zinc, 38-Strontium-90, 57-Lanthanum-140 | 200.7-INDUCTIVELY COUPLED PLASMA  |
| 200.8 | Aluminum, Antimony, Arsenic, Arsenite (AS(III)), Arsenate (AS(V)), Barium, Beryllium, Bismuth, Boron, Cadmium, Calcium, Chromium, Cobalt, Combined Uranium, Copper, Gallium, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Scandium, Selenium, Silver, Strontium, Thallium, Titanium, Tungsten, Uranium, Vanadium, Zinc, 21-Scandium-46, 21-Scandium-47, 21-Scandium-48, 38-Strontium-90, 57-Lanthanum-140 | 200.8-INDUCTIVELY COUPLED PLASMA MASS SPECTROM 200.8  |
| 200.9 | Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver, Thallium | ATOMIC ABSORPTION, PLATFORM |
| 3113B | Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Nickel, Selenium, Silver | ATOMIC ABSORPTION, FURNACE |
| 3120B | Aluminum, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Chromium, Cobalt, Copper, Hardness, Iron, Magnesium, Manganese, Molybdenum, Nickel, Potassium, Silica, Silver, Vanadium, Zinc | INDUCTIVELY COUPLED PLASMA |
| D3697-87 | Antimony | ATOMIC ABSORPTION, GASEOUS HYDRIDE |
| D3697-92 | Antimony | ATOMIC ABSORPTION, GASEOUS HYDRIDE |
| 508A | Arochlor 1016, Arochlor 1221, Arochlor 1232, Arochlor 1242, Arochlor 1248, Arochlor 1254, Arochlor 1260, Total Polychlorinated Biphenyls (PCB) | PACKED COLUMN-GAS CHROMATOGRAPHY |
| 525.3 | Aroclor 1016, Aroclor 1221, Aroclor 1232, Aroclor 1242, Aroclor 1248, Aroclor 1254, Aroclor 1260, Atrazine, Benzo(A)Pyrene, BHC-Gamma, Bromacil, Butachlor, Chlordane, Di(2-Ethylhexyl) Adipate, Di(2-Ethylhexyl) Phthalate, Dimethoate, Endrin, Heptachlor, Heptachlor Epoxide, Hexachlorobenzene, Hexachlorocyclopentadiene, Lasso, Methoxychlor, Metolachlor, Metribuzin, Molinate, Pentachlorophenol, Propachlor, Simazine, Thiobencarb (Bolero), Total Polychlorinated Biphenyls (PCB), Toxaphene | GAS CHROMATOGRAPHY MASS SPECTROMETRY |
| D2972-93B | Arsenic | ATOMIC ABSORPTION, GASEOUS HYDRIDE |
| D2972-93C | Arsenic | ATOMIC ABSORPTION, FURNACE |
| D2972-97B | Arsenic | ATOMIC ABSORPTION, GASEOUS HYDRIDE |
| D2972-97C | Arsenic | ATOMIC ABSORPTION, FURNACE |
| 3114B | Arsenic, Selenium | ATOMIC ABSORPTION, GASEOUS HYDRIDE |
| 1632A | Arsenite (AS(III)), Arsenate (AS(V)) | ARSENIC SPECIATION |
| 100.1 | Asbestos | TRANSMISSION ELECTRON MICROSCOPY |
| 100.2 | Asbestos | 100.2-TRANSMISSION ELECTRON MICROSCOPY  |
| 507 | Atrazine, Butachlor, Lasso, Metolachlor, Metribuzin, Simazine | GAS CHROMATOGRAPHY-L/L OR L/S EXTRACTION |
| 523 | Atrazine, Simazine | GAS CHROMATOGRAPHY MASS SPECTROMETRY |
| 536 | Atrazine, Simazine | LIQUID CHROMATOGRAPHY MS/MS |
| 550.1 | Benzo(A)Pyrene | HIGH PERF LIQ CHR-L/L EXT- UV AND FLUOR |
| D3645-93B | Beryllium | ATOMIC ABSORPTION, FURNACE |
| D3645-97B | Beryllium | ATOMIC ABSORPTION, FURNACE |
| 300.1 | Bromate, Bromide, Chlorite | 300.1-ION CHROMATOGRAPHY  |
| 302 | Bromate | ION CHROMATOGRAPHY, TWO-DIMENSIONAL |
| 317 | Bromate, Chlorite | 317-317 ION CHROMATOGRAPHY |
| 326 | Bromate | LOW LEVEL BROMATE |
| 300.0 | Bromide, Chlorate, Chloride, Chlorite, Fluoride, Nitrate-N, Nitrite-N, Nitrate-Nitrite as N, Ortho-phosphate, Sulfate | 300.0-ION CHROMATOGRAPHY  |
| 506 | Butylbenzyl Phthalate, Di(2-Ethylhexyl) Phthalate, Diethyl Phthalate, Dimethyl Phthalate, Di-N-Butyl Phthalate, Di-N-Octyl Phthalate | GAS CHROMATOGRAPHY-L/L OR L/S EXTRACTION |
| 213.2 | Cadmium | ATOMIC ABSORPTION, FURNACE |
| 3500CA-D | Calcium | EDTA TITRIMETRIC |
| D511-93A | Calcium, Magnesium | EDTA TITRIMETRIC |
| D511-93B | Calcium, Magnesium | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 3111B | Calcium, Copper, Iron, Magnesium, Manganese, Nickel, Potassium, Silver, Sodium, Zinc | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 4500CL-E | Chloramine  | AMPEROMETRIC TITRATION |
| 4500CL-I | Chloramine | SYRINGALDAZINE (FACTS) |
| 4500CL-D | Chloramine, Chloride, Chlorine | ARGENTOMETRIC TITRATION |
| 4500CL-F | Chloramine, Chlorine | DPD TITRIMETRIC |
| 4500CL-G | Chloramine, Chlorine | DPD COLORIMETRIC METHOD |
| 4500CL-B | Chloride | ARGENTOMETRIC TITRATION |
| D521-89B | Chloride | ARGENTOMETRIC TITRATION |
| 4500CL-H | Chlorine | SYRINGALDAZINE (FACTS) |
| 4500CLO2-C | Chlorine Dioxide | SYRINGALDAZINE (FACTS) |
| 4500CLO2-D | Chlorine Dioxide | SYRINGALDAZINE (FACTS) |
| 4500CLO2-E | Chlorine Dioxide, Chlorite | AMPEROMETRIC TITRATION II |
| 219.2 | Cobalt | ATOMIC ABSORPTION, FURNACE |
| 110.2 | Color | VISUAL COMPARISON METHOD |
| 2120B | Color | 2120B-VISUAL COMPARISON METHOD  |
| 903/904 | Combined radium | RADIUM ANALYSIS |
| 3125 | Combined uranium | ICP MASS SPECTROMETRY |
| 7500-UB | Combined uranium | RADIOCHEMICAL METHOD |
| 7500-UC | Combined uranium | ISOTOPIC METHOD |
| 908 | Combined uranium | RADIOCHEMICAL METHOD |
| 908.1 | Combined uranium | ISOTOPIC METHOD |
| D5174 | Combined uranium | LASER PHOSPHORIMETRY |
| D5673-03 | Combined uranium | ICP MASS SPECTROMETRY |
| D5673-10 | Combined uranium | ICP-MASS SPEC |
| D6239-09 | Combined uranium | ALPHA-LIQUID-SCINTILLATION SPECTROMETRY |
| 2510B | Conductivity | 2510B-CONDUCTANCE @ 25C  |
| D1125-91A | Conductivity | CONDUCTANCE @ 25C |
| D1688-90A | Copper | ATOMIC ABSORPTION DIRECT ASPIRATION |
| D1688-90C | Copper | ATOMIC ABSORPTION, FURNACE |
| D1688-95A | Copper | ATOMIC ABSORPTION DIRECT ASPIRATION |
| D1688-95C | Copper | ATOMIC ABSORPTION, FURNACE |
| 335.4 | Cyanide | 335.4-SPECTROPHOTOMETRIC SEMI-AUTOMATED  |
| 4500-CN-C | Cyanide | 4500CN-C-AMENABLE SPECTROPHOTOMETRIC |
| 4500-CN-E | Cyanide | 4500CN-E-SPECTROPHOTOMETRIC, MANUAL |
| 4500CN-F | Cyanide | SELECTIVE ELECTRODE METHOD |
| 4500CN-G | Cyanide | AMENABLE SPECTROPHOTOMETRIC |
| D2036-91A | Cyanide | SPECTROPHOTOMETRIC, MANUAL |
| D2036-91B | Cyanide | AMENABLE SPECTROPHOTOMETRIC |
| I-3300-85 | Cyanide | SPECTROPHOTOMETRIC, MANUAL |
| KELADA 01|17 | Cyanide | UV/DISTILLATION/SPECTROPHOTOMETRIC |
| 552.1 | Dibromoacetic acid, Dichloroacetic acid, Monobromoacetic acid, Monochloroacetic acid, Total Haloacetic Acids, Trichloroacetic acid | HAAS - GC L/L ELECTRON CAPTURE |
| 552.2 | Dibromoacetic acid, Dichloroacetic acid, Monobromoacetic acid, Monochloroacetic acid, Total Haloacetic Acids, Trichloroacetic acid | 552.2-DBPS & CL2 SOLVENTS GC L/L ELECTRON CAPT  |
| 552.3 | Dibromoacetic acid, Dichloroacetic acid, Monobromoacetic acid, Monochloroacetic acid, Total Haloacetic Acids, Trichloroacetic acid | 552.3-552.3 |
| 1613 | Dioxin (2,3,7,8-TCDD) | 1613-HIGH RES GCMS-CAPCOL- L/L EXTRACTION  |
| 549.1 | Diquat | HIGH PERF LIQ CHROM-L/S EXTRACT- UV DETE |
| 549.2 | Diquat, Paraquat | 549.2-549.2  |
| 5310B | Dissolved Organic Carbon (DOC), Total Organic Carbon (TOC) | 5310B-HIGH TEMPERATURE COMBUSTION METHOD |
| 5310C | Dissolved Organic Carbon (DOC), Total Organic Carbon (TOC) | 5310C-PERSULFATE-ULTRAVIOLET OR OXIDATION  |
| 5310D | Dissolved Organic Carbon (DOC), Total Organic Carbon (TOC) | WET-OXIDATION METHOD |
| 548.1 | Endothall | 548.1-GC-L/S EXTRACTION-ELECTRON CAPTURE DETEC  |
| 129-71W | Fluoride | AUTOMATED ALIZARIN FLUORIDE BLUE |
| 380-75WE | Fluoride | AUTOMATED ION SELECTIVE ELECTRODE, TECHN |
| 4500F-B | Fluoride | COLORIMETRIC SPADNS, WITH DISTILLATION |
| 4500-F-C | Fluoride | 4500F-C-POTENTIOMETER ION SELECTIVE ELECTRODE |
| 4500F-D | Fluoride | COLORIMETRIC SPADNS, WITH DISTILLATION |
| 4500F-E | Fluoride | AUTOMATED ALIZARIN FLUORIDE BLUE, TECHNI |
| D1179-10B | Fluoride | FLUORIDE ION IN WATER |
| D1179-93B | Fluoride | POTENTIOMETER ION SELECTIVE ELECTRODE |
| 4110B | Fluoride, Nitrate, Nitrite, Ortho-phosphate, Sulfate | ION CHROMATOGRAPHY |
| D4327-91 | Fluoride, Nitrate, Nitrite, Ortho-phosphate | ION CHROMATOGRAPHY |
| D4327-97 | Fluoride, Nitrate, Nitrite, Ortho-phosphate, Sulfate | ION CHROMATOGRAPHY |
| 901.1 | Gamma/Photon emitters | 901.1-901.1  |
| 547 | Glyphosphate | 547-HIGH PERF LIQ CHROM-POST COL REACTOR-FLU  |
| 6651 | Glyphosphate, Oxamyl | VOC, GC, PID/ECD, P&T, CAPCOLUMN |
| 7110C | Gross alpha, including radon and uranium | EVAPORATION METHOD FOR GROSS ALPHA |
| 7110B | Gross alpha evaporation, Gross beta evaporation | 7110B-EVAPORATION METHOD FOR GROSS ALPHA-BETA  |
| 900 | Gross alpha, Gross beta | 900 -EVAPORATION METHOD FOR GROSS ALPHA-BETA |
| 900.0 | Gross alpha, Gross beta | EVAPORATION METHOD FOR GROSS ALPHA-BETA |
| D1943-81 | Gross alpha, Gross beta | EVAPORATION METHOD FOR GROSS ALPHA-BETA |
| R-1120-76 | Gross alpha, Gross beta | EVAPORATION METHOD FOR GROSS ALPHA-BETA |
| 2340B | Hardness | 2340B-HARDNESS IN WATER BY EDTA TITRATION |
| 525.1 | Heptachlor, Secbumeton | ORGANICS, GC/MS, LIQ/SOLEXT, CAPCOLUMN |
| 236.1 | Iron | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 236.2 | Iron | ATOMIC ABSORPTION, FURNACE |
| D3559-90D | Lead | ATOMIC ABSORPTION, FURNACE |
| 3500-MG-B | Magnesium | TITRIMETRIC, COMPLEXATION |
| 3500-MG-E | Magnesium | TITRIMETRIC, COMPLEXATION |
| 243.1 | Manganese | ATOMIC ABSORPTION DIRECT ASPIRATION |
| 243.2 | Manganese | ATOMIC ABSORPTION, FURNACE |
| 5540C | MBAS-Foaming Agents | 5540C-Methylene Blue Active Substances (MBAS) |
| 245.1 | Mercury | 245.1-MANUAL COLD VAPOR TECHNIQUE  |
| 245.2 | Mercury | AUTOMATED COLD VAPOR TECHNIQUE |
| 3112B | Mercury | MANUAL COLD VAPOR TECHNIQUE |
| D3223-91 | Mercury | MANUAL COLD VAPOR TECHNIQUE |
| 4500-NO3-D | Nitrate | 4500NO3-D-ION SELECTIVE ELECTRODE |
| 4500-NO3-E | Nitrate-N, Nitrate-Nitrite as N | 4500NO3-E-CADMIUM REDUCTION, MANUAL |
| B1011 | Nitrate-N, Nitrate-Nitrite as N | ION CHROMATOGRAPHY, MILLIPORE |
| HACH 10206 | Nitrate-N, Nitrate-Nitrite as N | HACH 10206-HACH 10206 |
| 353.2 | Nitrate-N, Nitrate-Nitrite as N, Nitrite-N | 353.2-CADMIUM REDUCTION, AUTOMATED  |
| 354.1 | Nitrate-Nitrite as N | SPECTROPHOTOMETRIC, MANUAL |
| 4500-NO3-F | Nitrate-N, Nitrite-N | 4500NO3-F-CADMIUM REDUCTION, AUTOMATED |
| 601 | Nitrate-N, Nitrite-N | ION SELECTIVE ELECTRODE |
| D3867-90A | Nitrate-N, Nitrite-N | CADMIUM REDUCTION, AUTOMATED |
| D3867-90B | Nitrate-N, Nitrite-N | CADMIUM REDUCTION, MANUAL |
| 4500-NO2-B | Nitrite-N | 4500NO2-B-SPECTROPHOTOMETRIC, MANUAL |
| 2150 B | Odor | 2150B-Threshold Odor Test  |
| 4110 | Ortho-phosphate | COLORIMETRIC SPADNS, WITH DISTILLATION |
| 4500P-F | Ortho-phosphate | COLORIMETRIC, AUTOMATED, ASCORBIC ACID |
| D515-88A | Ortho-phosphate | COLORIMETRIC, MANUAL |
| I-1601-85 | Ortho-phosphate | COLORIMETRIC-MOLYBDATE BLUE |
| I-2598-85 | Ortho-phosphate | COLORIMETRIC, AUTO; DISCRETE |
| I-2601-90 | Ortho-phosphate | COLORIMETRIC, AUTO; SEGMENTED |
| 4500-P-E | Ortho-phosphate, Phosphorus | 4500P-E-COLORIMETRIC, MANUAL |
| 365.1 | Ortho-phosphate, Phosphorus | COLORIMETRIC, AUTOMATED, ASCORBIC ACID |
| 549 | Paraquat | HIGH PERF LIQ CHROM-L/S EXTRACT- UV DETE |
| 150.1 | pH | 150.1-ELECTROMETRIC-INDIVIDUAL MEASUREMENT  |
| 150.2 | pH | ELECTROMETRIC-ONLINE MEASUREMENT |
| 4500-H-B | pH | 4500H-B-ELECTROMETRIC-ONLINE MEASUREMENT |
| 4500-H-B-00 | pH | 4500H-B-ELECTROMETRIC-ONLINE MEASUREMENT |
| D1293-84B | pH | ELECTROMETRIC-ONLINE MEASUREMENT |
| D1293-95 | pH | ELECTROMETRIC-ONLINE MEASUREMENT |
| 7500Ra-B | Radium 226 | 7500-RAB-PRECIPITATION METHOD FOR RADIUM  |
| 903.0 | Radium-226 | 903.0-PRECIPITATION METHOD FOR RADIUM  |
| 903.1 | Radium-226 | 903.1-PRECIPITATION METHOD FOR RADIUM  |
| D3454-86 | Radium-226 | PRECIPITATION METHOD FOR RADIUM |
| R-1141-76 | Radium-226 | PRECIPITATION METHOD FOR RADIUM |
| 7500Ra-D | Radium 228 | 7500-RAD-SEQUENTIAL PRECIPITATION METHOD FOR RADI  |
| 904.0 | Radium-228 | 904.0-SEQUENTIAL PRECIPITATION METHOD FOR RADI  |
| 904.4 | Radium-228 | SEQUENTIAL PRECIPITATION METHOD FOR RADI |
| R-1142-76 | Radium-228 | SEQUENTIAL PRECIPITATION METHOD FOR RADI |
| RA-05 | Radium-228 | RADIOCHEMICAL METHOD |
| D3859-93B | Selenium | ATOMIC ABSORPTION, FURNACE |
| 4500SI-D | Silica | MOLYBDOSILICATE |
| 4500SI-E | Silica | HETEROPOLY BLUE |
| 4500SI-F | Silica | MOLYBDATE REACTIVE SILICA |
| 4500SIO2-C | Silica | MOLYBDOSILICATE |
| 4500SIO2-D | Silica | HETEROPOLY BLUE |
| 4500SIO2-E | Silica | MOLYBDATE REACTIVE SILICA |
| D859-10 | Silica | COLORIMETRIC FOR SILICA IN WATER |
| D859-88 | Silica | COLORIMETRIC-MOLYBDATE BLUE |
| I-1700-85 | Silica | COLORIMETRIC-MOLYBDATE BLUE |
| I-2700-85 | Silica | COLORIMETRIC, AUTO; SEGMENTED |
| 272.2 | Silver | ATOMIC ABSORPTION, FURNACE |
| 905.0 | Strontium-89, 90 | 905.0-LIQUID SCINTILLATION SPECTROPHOTOMETRIC  |
| 375.2 | Sulfate | COLORIMETRIC, AUTOMATED, METHYLTHYMOL BL |
| 375.4 | Sulfate | TURBIDIMETRIC |
| 4500SO4-C,D | Sulfate | GRAVIMETRIC FOR SO4 |
| 4500SO4-E | Sulfate | TURBIDIMETRIC |
| 4500SO4-F | Sulfate | AUTOMATED CHLORANILATE |
| D516-90 | Sulfate | TURBIDIMETRIC |
| 2540C | TDS | 2540C-Total Dissolved Solids Dried at 180 deg C  |
| 2540C-97 | TDS | 2540C-Total Dissolved Solids Dried at 180 deg C  |
| 7500-3HB | Tritium | LIQUID SCINTILLATION SPECTROPHOTOMETRIC |
| 906 | Tritium | 906-LIQUID SCINTILLATION SPECTROPHOTOMETRIC  |
| D2476-81 | Tritium | LIQUID SCINTILLATION SPECTROPHOTOMETRIC |
| R-1171-76 | Tritium | LIQUID SCINTILLATION SPECTROPHOTOMETRIC |
| 180.1 | Turbidity | 180.1-180.1  |
| 2130B | Turbidity | 2130B-NEPHELOMETRIC  |
| 5910B | UV 254 | 5910B-ULTRAVIOLET ABSORPTION METHOD  |

Section 4: Examples of Completed Sample Submissions



DO NOT USE FOR CHEM/RAD/DBP

Sample Information:



Example of a Sample Result (Non-Detect):



Example of a Sample Result (Detect):

