

4.8 Appendix H. Parameters That Allow Negative Values

Parameter Code	Parameter Name
00001	Location in cross section, distance from right bank looking upstream, feet
00002	Location in cross section, distance from right bank looking upstream, percent
00009	Location in cross section, distance from left bank looking downstream, feet
00010	Temperature, water, degrees Celsius
00011	Temperature, water, degrees Fahrenheit
00012	Evaporation temperature, 48 inch pan, degrees Celsius
00013	Evaporation temperature, 24 inch pan, degrees Celsius
00014	Wet bulb temperature, degrees Celsius
00020	Temperature, air, degrees Celsius
00021	Temperature, air, degrees Fahrenheit
00042	Altitude, feet above mean sea level
00055	Stream velocity, feet per second
00056	Flow rate of well, gallons per day
00058	Flow rate of well, gallons per minute
00059	Flow rate, instantaneous, gallons per minute
00060	Discharge, cubic feet per second
00061	Discharge, instantaneous, cubic feet per second
00062	Elevation of reservoir water surface above datum, feet
00065	Gage height, feet
00072	Stream stage, meters
00090	Oxidation reduction potential, millivolts
00149	Alpha-emitting isotopes of Radium, water, filtered, pCi/L,
00400	pH, water, unfiltered, field, standard units
00401	Cations minus anions, water, milliequivalents
00409	Acid neutralizing capacity, water, unfiltered, Gran titration, microequivalents per liter
00410	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, field, milligrams per liter as calcium carbonate
00411	Acid neutralizing capacity, water, unfiltered, methyl orange endpoint (pH 3.1-4.4) titration, milligrams per liter as calcium carbonate
00413	Acid neutralizing capacity, water, unfiltered, Gran titration, milligrams per liter as calcium carbonate
00415	Acid neutralizing capacity, water, unfiltered, phenolphthalein endpoint (pH 8.5-9.0) titration, milligrams per liter as calcium carbonate
00416	Acid neutralizing capacity, water, unfiltered, incremental titration, laboratory, milligrams per liter as calcium carbonate
00417	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, milligrams per liter as calcium carbonate
00418	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, field, milligrams per liter as calcium carbonate
00419	Acid neutralizing capacity, water, unfiltered, incremental titration, field, milligrams per liter as calcium carbonate
00421	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, milligrams per liter as calcium carbonate
00431	Acid neutralizing capacity, water, unfiltered, milligrams per liter as calcium carbonate

Parameter Code	Parameter Name
01501	Alpha radioactivity, water, unfiltered, picocuries per liter
01502	Alpha radioactivity counting error, water, unfiltered, picocuries per liter
01503	Alpha radioactivity, water, filtered, picocuries per liter
01504	Alpha radioactivity counting error, water, filtered, picocuries per liter
01505	Alpha radioactivity, suspended sediment, picocuries per liter
01506	Alpha radioactivity counting error, suspended sediment, picocuries per liter
01515	Gross alpha radioactivity, water, filtered, natural uranium curve, picocuries per liter
01516	Gross alpha radioactivity, suspended sediment, natural uranium curve, picocuries per liter
01519	Gross alpha radioactivity, water, unfiltered, picocuries per liter
03501	Beta radioactivity, water, unfiltered, picocuries per liter
03502	Beta radioactivity counting error, water, unfiltered, picocuries per liter
03503	Beta radioactivity, water, filtered, picocuries per liter
03504	Beta radioactivity counting error, water, filtered, picocuries per liter
03505	Beta radioactivity, suspended sediment, picocuries per liter
03506	Beta radioactivity counting error, suspended sediment, picocuries per liter
03515	Gross beta radioactivity, water, filtered, Cs-137 curve, picocuries per liter
03516	Gross beta radioactivity, suspended sediment, Cs-137 curve, picocuries per liter
03519	Gross beta radioactivity, water, unfiltered, Cs-137 curve, picocuries per liter
03521	Carbon-13/Carbon-12 ratio in organic fraction, soil or rock, per mil
03522	Sulfur-34/Sulfur-32 ratio in sulfide, water, filtered, per mil
03523	Sulfur-34/Sulfur-32 ratio in sulfide, bed sediment, per mil
03526	Gross beta radioactivity counting error, water, filtered, Cs-137 curve, picocuries per liter
03527	Gross beta radioactivity counting error, suspended sediment, Cs-137 curve, picocuries per liter
03528	Gross beta radioactivity counting error, water, filtered, Sr-90/Y-90 curve, picocuries per liter
03529	Gross beta radioactivity counting error, suspended sediment, Sr-90/Y-90 curve, picocuries per liter
04102	Beta radioactivity, bed sediment, Sr-90/Y-90 curve, dry weight, picocuries per gram
04113	Uranium-238 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
04125	Alpha radioactivity, bed sediment, Th-230 curve, dry weight, picocuries per gram
04126	Alpha radioactivity, water, filtered, Th-230 curve, picocuries per liter
04127	Alpha radioactivity, suspended sediment, Th-230 curve, picocuries per liter
05504	Gross gamma radioactivity scan counting error, water, filtered, picocuries per liter
05516	Gross gamma radioactivity scan counting error, suspended sediment, picocuries per liter
07000	Tritium, water, unfiltered, picocuries per liter
07001	Tritium counting error, water, unfiltered, picocuries per liter
07005	Tritium, water, filtered, picocuries per liter
07010	Tritium, suspended sediment, picocuries per liter
07011	Tritium counting error, suspended sediment, picocuries per liter
07050	Calcium-45, water, filtered, picocuries per liter
07051	Calcium-45 counting error, water, filtered, picocuries per liter
07052	Calcium-45, suspended sediment, picocuries per liter

Parameter Code	Parameter Name
07053	Calcium-45 counting error, suspended sediment, picocuries per liter
07054	Calcium-45, water, unfiltered, picocuries per liter
07055	Calcium-45 counting error, water, unfiltered, picocuries per liter
07060	Iron-59, water, filtered, picocuries per liter
07061	Iron-59 counting error, water, filtered, picocuries per liter
07062	Iron-59, suspended sediment, picocuries per liter
07063	Iron-59 counting error, suspended sediment, picocuries per liter
07064	Iron-59, water, unfiltered, picocuries per liter
07065	Iron-59 counting error, water, unfiltered, picocuries per liter
07100	Selenium-75, water, filtered, picocuries per liter
07101	Selenium-75 counting error, water, filtered, picocuries per liter
07102	Selenium-75, suspended sediment, picocuries per liter
07103	Selenium-75 counting error, sediment, suspended, picocuries per liter
07104	Selenium-75, water, unfiltered, picocuries per liter
07105	Selenium-75 counting error, water, unfiltered, picocuries per liter
07120	Silver-110, water, filtered, picocuries per liter
07121	Silver-110 counting error, water, filtered, picocuries per liter
07122	Silver-110, suspended sediment, picocuries per liter
07123	Silver-110 counting error, suspended sediment, picocuries per liter
07124	Silver-110, water, unfiltered, picocuries per liter
07125	Silver-110 counting error, water, unfiltered, picocuries per liter
07140	Sulfur-35, water, filtered, picocuries per liter
07141	Sulfur-35 counting error, water, filtered, picocuries per liter
07142	Sulfur-35, suspended sediment, picocuries per liter
07143	Sulfur-35 counting error, suspended sediment, picocuries per liter
07144	Sulfur-35, water, unfiltered, picocuries per liter
07145	Sulfur-35 counting error, water, unfiltered, picocuries per liter
09501	Radium-226, water, unfiltered, picocuries per liter
09503	Radium-226, water, filtered, picocuries per liter
09504	Radium-226 counting error, water, filtered, picocuries per liter
09505	Radium-226, suspended sediment, picocuries per liter
09506	Radium-226 counting error, suspended sediment, picocuries per liter
09507	Radium-226, bed sediment, dry weight, picocuries per gram
09510	Alpha-emitting isotopes of radium, water, filtered, planchet count, picocuries per liter
09511	Radium-226, water, filtered, radon method, picocuries per liter
11501	Radium-228, water, unfiltered, picocuries per liter
11502	Radium-228 counting error, water, unfiltered, picocuries per liter
11506	Radium-224, bed sediment, dry weight, picocuries per gram
13501	Strontium-90, water, unfiltered, picocuries per liter
13502	Strontium-90 counting error, water, unfiltered, picocuries per liter
13503	Strontium-90, water, filtered, picocuries per liter
13504	Strontium-90 counting error, water, filtered, picocuries per liter
13505	Strontium-90, suspended sediment, picocuries per liter
13506	Strontium-90 counting error, suspended sediment, picocuries per liter
13507	Strontium-90 counting error, water, filtered, picocuries per liter

Parameter Code	Parameter Name
15501	Strontium-89, water, unfiltered, picocuries per liter
15502	Strontium-89 counting error, water, unfiltered, picocuries per liter
15503	Strontium-89 counting error, water, filtered, picocuries per liter
15504	Strontium-89, water, filtered, picocuries per liter
15507	Strontium-90, bed sediment, dry weight, picocuries per gram
17501	Lead-210, water, unfiltered, picocuries per liter
17502	Lead-210 counting error, water, unfiltered, picocuries per liter
17503	Lead-210, water, filtered, picocuries per liter
17504	Lead-210 counting error, water, filtered, picocuries per liter
17505	Lead-210, suspended sediment, picocuries per liter
17506	Lead-210 counting error, suspended sediment, picocuries per liter
17507	Lead-210, bed sediment, dry weight, picocuries per gram
17517	Lead-212, water, unfiltered, picocuries per liter
17518	Lead-212 counting error, water, unfiltered, picocuries per liter
17519	Lead-214, water, unfiltered, picocuries per liter
17520	Lead-214 counting error, water, unfiltered, picocuries per liter
18501	Iodine-129, water, unfiltered, picocuries per liter
18502	Iodine-129 counting error, water, unfiltered, picocuries per liter
19501	Polonium-210, water, unfiltered, picocuries per liter
19503	Polonium-210, water, filtered, picocuries per liter
19504	Polonium-210 counting error, water, filtered, picocuries per liter
19505	Polonium-210, suspended sediment, picocuries per liter
19506	Polonium-210 counting error, suspended sediment, picocuries per liter
19507	Polonium-210, bed sediment, dry weight, picocuries per gram
22001	Plutonium-238, water, filtered, picocuries per liter
22002	Plutonium-238 counting error, water, filtered, picocuries per liter
22010	Plutonium-239, water, filtered, picocuries per liter
22011	Plutonium-239 counting error, water, filtered, picocuries per liter
22012	Plutonium-238, water, unfiltered, picocuries per liter
22013	Plutonium-238 counting error, water, unfiltered, picocuries per liter
22014	Plutonium-239, water, unfiltered, picocuries per liter
22015	Plutonium-239 counting error, water, unfiltered, picocuries per liter
22016	Plutonium-238, bed sediment, picocuries per gram
22383	Bismuth-214, water, unfiltered, picocuries per liter
22384	Bismuth-214 counting error, water, unfiltered, picocuries per liter
22450	Americium-241, bed sediment, dry weight, picocuries per gram
22501	Thorium-232, water, unfiltered, picocuries per liter
22502	Thorium-232 counting error, water, unfiltered, picocuries per liter
22503	Thorium/uranium isotope ratio, water, unfiltered, number
22505	Thorium-228, water, unfiltered, picocuries per liter
22601	Uranium-238, water, unfiltered, picocuries per liter
22602	Uranium-238 counting error, water, unfiltered, picocuries per liter
22603	Uranium-238, water, filtered, picocuries per liter
22604	Uranium-238 counting error, water, filtered, picocuries per liter
22606	Uranium-234, water, unfiltered, picocuries per liter

Parameter Code	Parameter Name
22607	Uranium-234 counting error, water, unfiltered, picocuries per liter
22610	Uranium-234, water, filtered, picocuries per liter
22611	Uranium-234 counting error, water, filtered, picocuries per liter
22612	Uranium-235, bed sediment, dry weight, picocuries per gram
22620	Uranium-235, water, filtered, picocuries per liter
22622	Uranium-235, water, unfiltered, picocuries per liter
22703	Uranium (natural), water, filtered, micrograms per liter
24501	Radium-224, water, unfiltered, picocuries per liter
26501	Thorium-230, water, unfiltered, picocuries per liter
26503	Thorium-230, water, filtered, picocuries per liter
26504	Thorium-230 counting error, water, filtered, picocuries per liter
26505	Thorium-230, suspended sediment, picocuries per liter
26506	Thorium-230 counting error, suspended sediment, picocuries per liter
26507	Thorium-230, bed sediment, dry weight, picocuries per gram
26629	Thorium-228, bed sediment, dry weight, picocuries per gram
26631	Thorium-232, bed sediment, dry weight, picocuries per gram
27801	Niobium-95, water, unfiltered, picocuries per liter
27802	Niobium-95 counting error, water, unfiltered, picocuries per liter
27901	Ruthenium-103, water, unfiltered, picocuries per liter
27902	Ruthenium-103 counting error, water, unfiltered, picocuries per liter
28001	Ruthenium-106, water, unfiltered, picocuries per liter
28002	Ruthenium-106 counting error, water, unfiltered, picocuries per liter
28005	Radiocesium, water, filtered, Cs-137 curve, picocuries per liter
28006	Radiocesium, suspended sediment, Cs-137 curve, picocuries per liter
28007	Radiocesium, water, unfiltered, Cs-137 curve, picocuries per liter
28008	Radioruthenium, water, filtered, Ru-106 curve, picocuries per liter
28009	Radioruthenium, suspended sediment, Ru-106 curve, picocuries per liter
28010	Radioruthenium, water, unfiltered, Ru-106 curve, picocuries per liter
28011	Uranium (natural), water, unfiltered, micrograms per liter
28012	Uranium (natural), water, unfiltered, picocuries per liter
28013	Uranium-234/uranium-238 ratio, water, filtered, number
28014	Uranium-234, bed sediment, dry weight, picocuries per gram
28016	Uranium-238, bed sediment, dry weight, picocuries per gram
28301	Iodine-131, water, unfiltered, picocuries per liter
28302	Iodine-131 counting error, water, unfiltered, picocuries per liter
28401	Cesium-137, water, unfiltered, picocuries per liter
28402	Cesium-137 counting error, water, unfiltered, picocuries per liter
28403	Cesium-137, water, filtered, picocuries per liter
28404	Cesium-137, suspended sediment, picocuries per liter
28405	Cesium-137 counting error, suspended sediment, picocuries per liter
28406	Cesium-137 counting error, water, filtered, picocuries per liter
28410	Cesium-134, water, filtered, picocuries per liter
28411	Cesium-134 counting error, water, filtered, picocuries per liter
28412	Cesium-134, suspended sediment, picocuries per liter
28413	Cesium-134 counting error, suspended sediment, picocuries per liter

Parameter Code	Parameter Name
28414	Cesium-134, water, unfiltered, picocuries per liter
28415	Cesium-134 counting error, water, unfiltered, picocuries per liter
28601	Barium-140, water, unfiltered, picocuries per liter
28602	Barium-140 counting error, water, unfiltered, picocuries per liter
28701	Lanthanum-140, water, unfiltered, picocuries per liter
28702	Lanthanum-140 counting error, water, unfiltered, picocuries per liter
28801	Cerium-141, water, unfiltered, picocuries per liter
28802	Cerium-141 counting error, water, unfiltered, picocuries per liter
28901	Cerium-144, water, unfiltered, picocuries per liter
28902	Cerium-144 counting error, water, unfiltered, picocuries per liter
29301	Zinc-65, water, unfiltered, picocuries per liter
29302	Zinc-65 counting error, water, unfiltered, picocuries per liter
29402	Chromium-51 counting error, water, unfiltered, picocuries per liter
29501	Manganese-54, water, unfiltered, picocuries per liter
29502	Manganese-54 counting error, water, unfiltered, picocuries per liter
29601	Cobalt-60, water, unfiltered, picocuries per liter
29602	Cobalt-60 counting error, water, unfiltered, picocuries per liter
29631	Scandium-46, water, filtered, picocuries per liter
29632	Scandium-46 counting error, water, filtered, picocuries per liter
29633	Scandium-46, suspended sediment, picocuries per liter
29634	Scandium-46 counting error, suspended sediment, picocuries per liter
29635	Scandium-46, water, unfiltered, picocuries per liter
29636	Scandium-46 counting error, water, unfiltered, picocuries per liter
29801	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, laboratory, milligrams per liter as calcium carbonate
29802	Alkalinity, water, filtered, Gran titration, field, milligrams per liter as calcium carbonate
29803	Alkalinity, water, filtered, Gran titration, laboratory, milligrams per liter as calcium carbonate
29813	Acid neutralizing capacity, water, unfiltered, Gran titration, field, milligrams per liter as calcium carbonate
29857	Actinium-228, water, unfiltered, picocuries per liter
29858	Actinium-228 counting error, water, unfiltered, picocuries per liter
29859	Actinium-228, water, filtered, picocuries per liter
29860	Actinium-228 counting error, water, filtered, picocuries per liter
29861	Silver-108, water, unfiltered, picocuries per liter
29862	Silver-108 counting error, water, unfiltered, picocuries per liter
29863	Silver-108, water, filtered, picocuries per liter
29864	Silver-108 counting error, water, filtered, picocuries per liter
29865	Americium-241, water, unfiltered, picocuries per liter
29866	Americium-241 counting error, water, unfiltered, picocuries per liter
29867	Americium-241, water, filtered, picocuries per liter
29868	Americium-241 counting error, water, filtered, picocuries per liter
29869	Barium-140, water, filtered, picocuries per liter
29870	Barium-140 counting error, water, filtered, picocuries per liter
29871	Beryllium-7, water, unfiltered, picocuries per liter

Parameter Code	Parameter Name
29872	Beryllium-7 counting error, water, unfiltered, picocuries per liter
29873	Beryllium-7, water, filtered, picocuries per liter
29874	Beryllium-7 counting error, water, filtered, picocuries per liter
29875	Bismuth-214, water, filtered, picocuries per liter
29876	Bismuth-214 counting error, water, filtered, picocuries per liter
29877	Cerium-141, water, filtered, picocuries per liter
29878	Cerium-141 counting error, water, filtered, picocuries per liter
29879	Curium-242, water, unfiltered, picocuries per liter
29880	Curium-242 counting error, water, unfiltered, picocuries per liter
29881	Curium-242, water, filtered, picocuries per liter
29882	Curium-242 counting error, water, filtered, picocuries per liter
29883	Curium-244, water, unfiltered, picocuries per liter
29884	Curium-244 counting error, water, unfiltered, picocuries per liter
29885	Curium-244, water, filtered, picocuries per liter
29886	Curium-244 counting error, water, filtered, picocuries per liter
29887	Cobalt-57, water, unfiltered, picocuries per liter
29888	Cobalt-57 counting error, water, unfiltered, picocuries per liter
29889	Cobalt-57, water, filtered, picocuries per liter
29890	Cobalt-57 counting error, water, filtered, picocuries per liter
29891	Cobalt-58, water, unfiltered, picocuries per liter
29892	Cobalt-58 counting error, water, unfiltered, picocuries per liter
29893	Cobalt-58, water, filtered, picocuries per liter
29894	Cobalt-58 counting error, water, filtered, picocuries per liter
29895	Chromium-51, water, filtered, picocuries per liter
29896	Chromium-51 counting error, water, filtered, picocuries per liter
29897	Cesium-144, water, unfiltered, picocuries per liter
29898	Cesium-144 counting error, water, unfiltered, picocuries per liter
29899	Cesium-144, water, filtered, picocuries per liter
29900	Cesium-144 counting error, water, filtered, picocuries per liter
29901	Europium-155, water, unfiltered, picocuries per liter
29902	Europium-155 counting error, water, unfiltered, picocuries per liter
29903	Europium-155, water, filtered, picocuries per liter
29904	Europium-155 counting error, water, filtered, picocuries per liter
29905	Hafnium-175, water, unfiltered, picocuries per liter
29906	Hafnium-175 counting error, water, unfiltered, picocuries per liter
29907	Hafnium-175, water, filtered, picocuries per liter
29908	Hafnium-175 counting error, water, filtered, picocuries per liter
29909	Hafnium-181, water, unfiltered, picocuries per liter
29910	Hafnium-181 counting error, water, unfiltered, picocuries per liter
29911	Hafnium-181, water, filtered, picocuries per liter
29912	Hafnium-181 counting error, water, filtered, picocuries per liter
29913	Iodine-129, water, filtered, picocuries per liter
29914	Iodine-129 counting error, water, filtered, picocuries per liter
29915	Iodine-131, water, filtered, picocuries per liter
29916	Iodine-131 counting error, water, filtered, picocuries per liter

Parameter Code	Parameter Name
29917	Iodine-133, water, unfiltered, picocuries per liter
29918	Iodine-133 counting error, water, unfiltered, picocuries per liter
29919	Iodine-133, water, filtered, picocuries per liter
29920	Iodine-133 counting error, water, filtered, picocuries per liter
29921	Lanthanum-140, water, filtered, picocuries per liter
29922	Lanthanum-140 counting error, water, filtered, picocuries per liter
29923	Molybdenum-95, water, unfiltered, picocuries per liter
29924	Molybdenum-95 counting error, water, unfiltered, picocuries per liter
29925	Molybdenum-95, water, filtered, picocuries per liter
29926	Molybdenum-95 counting error, water, filtered, picocuries per liter
29927	Molybdenum-99, water, unfiltered, picocuries per liter
29928	Molybdenum-99 counting error, water, unfiltered, picocuries per liter
29929	Molybdenum-99, water, filtered, picocuries per liter
29930	Molybdenum-99 counting error, water, filtered, picocuries per liter
29931	Sodium-24, water, unfiltered, picocuries per liter
29932	Sodium-24 counting error, water, unfiltered, picocuries per liter
29933	Sodium-24, water, filtered, picocuries per liter
29934	Sodium-24 counting error, water, filtered, picocuries per liter
29935	Niobium-95, water, filtered, picocuries per liter
29936	Niobium-95 counting error, water, filtered, picocuries per liter
29937	Neodymium-147, water, unfiltered, picocuries per liter
29938	Neodymium-147 counting error, water, unfiltered, picocuries per liter
29939	Neodymium-147, water, filtered, picocuries per liter
29940	Neodymium-147 counting error, water, filtered, picocuries per liter
29941	Neptunium-239, water, unfiltered, picocuries per liter
29942	Neptunium-239 counting error, water, unfiltered, picocuries per liter
29943	Neptunium-239, water, filtered, picocuries per liter
29944	Neptunium-239 counting error, water, filtered, picocuries per liter
29945	Lead-212, water, filtered, picocuries per liter
29946	Lead-212 counting error, water, filtered, picocuries per liter
29947	Lead-214, water, filtered, picocuries per liter
29948	Lead-214 counting error, water, filtered, picocuries per liter
29953	Ruthenium-103, water, filtered, picocuries per liter
29954	Ruthenium-103 counting error, water, filtered, picocuries per liter
29955	Antimony-124, water, unfiltered, picocuries per liter
29956	Antimony-124 counting error, water, unfiltered, picocuries per liter
29957	Antimony-124, water, filtered, picocuries per liter
29958	Antimony-124 counting error, water, filtered, picocuries per liter
29959	Antimony-125, water, unfiltered, picocuries per liter
29960	Antimony-125 counting error, water, unfiltered, picocuries per liter
29961	Antimony-125, water, filtered, picocuries per liter
29962	Antimony-125 counting error, water, filtered, picocuries per liter
29963	Strontium-91, water, unfiltered, picocuries per liter
29964	Strontium-91 counting error, water, unfiltered, picocuries per liter
29965	Strontium-91, water, filtered, picocuries per liter

Parameter Code	Parameter Name
29966	Strontium-91 counting error, water, filtered, picocuries per liter
29967	Technetium-99 (metastable), water, unfiltered, picocuries per liter
29968	Technetium-99 (metastable) counting error, water, unfiltered, picocuries per liter
29969	Technetium-99 (metastable), water, filtered, picocuries per liter
29970	Technetium-99 (metastable) counting error, water, filtered, picocuries per liter
29971	Tellurium-128, water, unfiltered, picocuries per liter
29972	Tellurium-128 counting error, water, unfiltered, picocuries per liter
29973	Tellurium-128, water, filtered, picocuries per liter
29974	Tellurium-128 counting error, water, filtered, picocuries per liter
29975	Tellurium-132, water, unfiltered, picocuries per liter
29976	Tellurium-132 counting error, water, unfiltered, picocuries per liter
29977	Tellurium-132, water, filtered, picocuries per liter
29978	Tellurium-132 counting error, water, filtered, picocuries per liter
29979	Thallium-208, water, unfiltered, picocuries per liter
29980	Thallium-208 counting error, water, unfiltered, picocuries per liter
29981	Thallium-208, water, filtered, picocuries per liter
29982	Thallium-208 counting error, water, filtered, picocuries per liter
29983	Xenon-135, water, unfiltered, picocuries per liter
29984	Xenon-135 counting error, water, unfiltered, picocuries per liter
29985	Xenon-135, water, filtered, picocuries per liter
29986	Xenon-135 counting error, water, filtered, picocuries per liter
29987	Yttrium-91 (metastable), water, unfiltered, picocuries per liter
29988	Yttrium-91 (metastable) counting error, water, unfiltered, picocuries per liter
29989	Yttrium-91 (metastable), water, filtered, picocuries per liter
29990	Yttrium-91 (metastable) counting error, water, filtered, picocuries per liter
29991	Zirconium-95, water, filtered, picocuries per liter
29992	Zirconium-95 counting error, water, filtered, picocuries per liter
30320	Uranium, bed sediment, dry weight, micrograms per gram
39036	Alkalinity, water, filtered, fixed endpoint (pH 4.5) titration, field, milligrams per liter as calcium carbonate
39086	Alkalinity, water, filtered, incremental titration, field, milligrams per liter as calcium carbonate
39087	Alkalinity, water, filtered, incremental titration, laboratory, milligrams per liter as calcium carbonate
46005	Acid neutralizing capacity, water, unfiltered, bromthymol blue endpoint (pH 6.0-7.6) titration, milliequivalents per liter
46516	Solar radiation, net, calories per square centimeter per minute
49414	2,3,5,6-Tetramethylphenol, bed sediment smaller than 2 millimeters, wet sieved (native water), field, recoverable, dry weight, micrograms per kilogram
49470	Gross alpha radioactivity, water, unfiltered, Pu-239 curve, picocuries per liter
49472	Bismuth-212, water, unfiltered, picocuries per liter
49475	Plutonium-239 plus plutonium-240, water, unfiltered, picocuries per liter
49476	Europium-152, water, unfiltered, picocuries per liter
49478	Plutonium-239 plus plutonium-240, water, filtered, picocuries per liter
49480	Nickel-63, water, unfiltered, picocuries per liter
49482	Chlorine-36, water, unfiltered, picocuries per liter

Parameter Code	Parameter Name
49902	Sulfur-34/Sulfur-32 ratio in sulfide, water, filtered, per mil
49926	Carbon-13/Carbon-12 ratio in carbon dioxide, per mil
49927	Carbon-13/Carbon-12 ratio, rock, per mil
49928	Sulfur-34/Sulfur-32 ratio in sulfate, rock, per mil
49929	Sulfur-34/Sulfur-32 ratio in sulfide, rock, per mil
49930	Sulfur-34/Sulfur-32 ratio in disulfide, rock, per mil
49931	Sulfur-34/Sulfur-32 ratio in monosulfide, rock, per mil
49932	Sulfur-34/Sulfur-32 ratio in sulfate, water, filtered, per mil
49938	Gamma radioactivity scan, water, filtered, picocuries per liter
49939	Plutonium-238 2-sigma combined uncertainty, water, filtered, picocuries per liter
49940	Plutonium-239 plus plutonium-240, water, filtered, picocuries per liter
49941	Plutonium-239 plus plutonium-240 2-sigma combined uncertainty, water, filtered, picocuries per liter
49942	Americium-241 2-sigma combined uncertainty, water, filtered, picocuries per liter
49944	Gross alpha radioactivity, bed sediment, natural uranium curve, dry weight, micrograms per gram
49946	Gross alpha radioactivity, suspended sediment, natural uranium curve, dry weight, micrograms per gram
49947	Gross alpha radioactivity 2-sigma combined uncertainty, suspended sediment, natural uranium curve, dry weight, micrograms per gram
49960	Gross alpha radioactivity, suspended sediment, Th-230 curve, dry weight, picocuries per gram
49962	Gross beta radioactivity, bed sediment, Cs-137 curve, dry weight, picocuries per gram
49964	Gross beta radioactivity, suspended sediment, Cs-137 curve, dry weight, picocuries per gram
49966	Gross beta radioactivity, suspended sediment, Sr-89/90 curve, dry weight, picocuries per gram
49971	Gamma radioactivity scan 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
49972	Radium-226, bed sediment, dry weight, picocuries per gram
49973	Radium-226 2-sigma combined uncertainty, bed sediment, dry weight, picocuries per gram
49974	Plutonium-238, suspended sediment, dry weight, picocuries per gram
49975	Plutonium-238 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
49976	Plutonium-239 plus plutonium-240, suspended sediment, dry weight, picocuries per gram
49977	Plutonium-239 plus plutonium-240 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
49978	Cesium-137, bed sediment, dry weight, picocuries per gram
49979	Cesium-137 2-sigma combined uncertainty, bed sediment, dry weight, picocuries per gram
49980	Americium-241, suspended sediment, dry weight, picocuries per gram
49981	Americium-241 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
49991	Methyl acrylate, water, unfiltered, recoverable, micrograms per liter
50002	Bromoethene, water, unfiltered, recoverable, micrograms per liter
50004	tert-Butyl ethyl ether, water, unfiltered, recoverable, micrograms per liter

Parameter Code	Parameter Name
50005	Methyl tert-pentyl ether, water, unfiltered, recoverable, micrograms per liter
50047	Flow, maximum during 24 hour period, million gallons per day
50048	Flow, minimum during 24 hour period, million gallons per day
50050	Flow, in conduit or through a treatment plant, million gallons per day
50051	Flow rate, instantaneous, million gallons per day
50052	Flow total during composite period, thousands of gallons
50420	Plutonium-239 plus plutonium-240, bed sediment, dry weight, picocuries per gram
50423	Plutonium-238, bed sediment, dry weight, picocuries per gram
50833	Radium-224, water, filtered, picocuries per liter
50835	Radium-224, water, unfiltered, picocuries per liter
50838	Radium-226, water, unfiltered, gamma count, picocuries per liter
61036	Delta helium-3, water, unfiltered, ingrowth method, percent
61053	Uranium, bed sediment smaller than 2 millimeters, total digestion, dry weight, micrograms per gram
61738	Thorium-228, water, filtered, picocuries per liter
62164	Gross gamma radioactivity, water, unfiltered, picocuries per liter
62636	Alpha radioactivity, 72 hour count, water, filtered, Th-230 curve, picocuries per liter
62639	Alpha radioactivity, 30 day count, water, filtered, Th-230 curve, picocuries per liter
62642	Beta radioactivity, 72 hour count, water, filtered, Cs-137 curve, picocuries per liter
62645	Beta radioactivity, 30 day count, water, filtered, Cs-137 curve, picocuries per liter
63014	Gross Alpha radioactivity, Th-230 curve, water, unfiltered, picocuries per liter, 72 hours
63015	Gross Beta radioactivity, Cs-137 curve, water, unfiltered, picocuries per liter, 72 hours
63016	Gross Alpha radioactivity, Th-230 curve, water, unfiltered, picocuries per liter, 30 day recount
63017	Gross Beta radioactivity, Cs-137 curve, water, unfiltered, picocuries per liter, 30 day recount
63018	Gross Alpha radioactivity, Th-230 curve, water, unfiltered, picocuries per liter
63019	Plutonium-241, water, filtered, picocuries per liter
63020	Plutonium-241, water, unfiltered, picocuries per liter
63021	Plutonium-241, suspended sediment, picocuries per gram
63022	Plutonium-241, bed sediment, picocuries per gram
63023	Radium-224, suspended sediment, picocuries per gram
63024	Thorium-228, suspended sediment, pCi/L,
63025	Alpha-emitting isotopes of Radium, water, unfiltered, picocuries per liter
63026	Alpha-emitting isotopes of Radium, suspended sediment, picocuries per gram
63027	Alpha-emitting isotopes of Radium, bed sediment, picocuries per gram
63028	Strontium, Total Radioactive, water, filtered, picocuries per liter
63029	Strontium, Total Radioactive, water, unfiltered, picocuries per liter
63030	Strontium, Total Radioactive, suspended sediment, picocuries per gram
63031	Strontium, Total Radioactive, bed sediment, picocuries per gram
63032	Uranium, water, unfiltered, picocuries per liter
63033	Uranium, suspended sediment, pCi/g
63034	Uranium, bed sediment, pCi/g
63035	Nitrogen-15/Nitrogen-14 ratio in total nitrogen fraction, solids, per mil
63036	Nitrogen-15/Nitrogen-14 ratio in nitrate fraction, solids, per mil

Parameter Code	Parameter Name
63037	Nitrogen-15/Nitrogen-14 ratio in exchangeable ammonium fraction, solids, per mil
63038	Carbon-13/Carbon-12 ratio in total carbon fraction, solids, per mil
63040	Oxygen-18/Oxygen-16 ratio in nitrate fraction, solids, per mil
63041	Oxygen-18/Oxygen-16 ratio in nitrate fraction, water, filtered, per mil
72000	Altitude of land surface, feet
72012	Temperature, specific gravity measurement, degrees Celsius
72014	Temperature, resistivity measurement, degrees Celsius
72019	Depth to water level, feet below land surface
72020	Elevation above NGVD 1929, feet
72040	Drawdown observed, feet
72103	Sample location, relative to right bank, looking downstream, feet
72104	Sample location, distance downstream, feet
72105	Sample location, distance upstream, feet
72106	Elevation of sample, feet
74082	Streamflow, daily, acre-feet
75031	Zirconium, niobium-95, counting error, water, unfiltered, picocuries per liter
75032	Zirconium, niobium-95, water, unfiltered, picocuries per liter
75037	Potassium-40 counting error, water, unfiltered, picocuries per liter
75038	Potassium-40, water, unfiltered, picocuries per liter
75937	Radium-228, suspended sediment, dry weight, picocuries per gram
75938	Polonium-210, suspended sediment, dry weight, picocuries per gram
75939	Thorium-230, suspended sediment, dry weight, picocuries per gram
75940	Uranium-238, suspended sediment, dry weight, picocuries per gram
75941	Uranium-234 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
75942	Uranium-234, suspended sediment, dry weight, picocuries per gram
75944	Radium-226, suspended sediment, dry weight, picocuries per gram
75946	Lead-210, suspended sediment, dry weight, picocuries per gram
75947	Uranium-235 2-sigma combined uncertainty, suspended sediment, dry weight, picocuries per gram
75953	Thorium-232, suspended sediment, dry weight, picocuries per gram
75975	Uranium-235, suspended sediment, dry weight, picocuries per gram
75976	Thorium-232, water, filtered, picocuries per liter
75977	Radium-228, bed sediment, dry weight, picocuries per gram
75985	Tritium 2-sigma combined uncertainty, water, unfiltered, picocuries per liter
75987	Alpha radioactivity 2-sigma combined uncertainty, water, filtered, Th-230 curve, picocuries per liter
75988	Beta radioactivity 2-sigma combined uncertainty, water, filtered, Sr-90/Y-90 curve, picocuries per liter
75989	Beta radioactivity 2-sigma combined uncertainty, water, filtered, Cs-137 curve, picocuries per liter
75991	Uranium-238 2-sigma combined uncertainty, water, filtered, picocuries per liter
75992	Uranium-234 2-sigma combined uncertainty, water, filtered, picocuries per liter
75994	Uranium-235 2-sigma combined uncertainty, water, filtered, picocuries per liter
75995	Lead-210 2-sigma combined uncertainty, water, filtered, picocuries per liter
75997	Thorium-230 2-sigma combined uncertainty, water, filtered, picocuries per liter

Parameter Code	Parameter Name
75998	Polonium-210 2-sigma combined uncertainty, water, filtered, picocuries per liter
75999	Thorium-232 2-sigma combined uncertainty, water, filtered, picocuries per liter
76000	Radium-228 2-sigma combined uncertainty, water, filtered, picocuries per liter
76001	Radium-226 2-sigma combined uncertainty, water, filtered, picocuries per liter
76002	Radon-222 2-sigma combined uncertainty, water, unfiltered, picocuries per liter
76003	Strontium-90 2-sigma combined uncertainty, water, filtered, picocuries per liter
76004	Alpha radioactivity 2-sigma combined uncertainty, suspended sediment, Th-230 curve, picocuries per liter
76005	Beta radioactivity 2-sigma combined uncertainty, suspended sediment, Cs-137 curve, picocuries per liter
80015	Uranium, water, filtered, extraction fluorometric method, picocuries per liter
80029	Gross alpha radioactivity, water, unfiltered, natural uranium curve, micrograms per liter
80030	Gross alpha radioactivity, water, filtered, natural uranium curve, micrograms per liter
80040	Gross alpha radioactivity, suspended sediment, natural uranium curve, micrograms per liter
80049	Gross beta radioactivity, water, unfiltered, Sr-90/Y-90 curve, picocuries per liter
80050	Gross beta radioactivity, water, filtered, Sr-90/Y-90 curve, picocuries per liter
80060	Gross beta radioactivity, suspended sediment, Sr-90/Y-90 curve, picocuries per liter
81027	Temperature, soil, degrees Celsius
81029	Temperature, snow, degrees Celsius
81366	Radium-228, water, filtered, picocuries per liter
81380	Discharge velocity, meters per second
81903	Depth to bottom at sample location, feet
81904	Velocity at point in stream, feet per second
81907	Well recovery, feet
81908	Recovery fraction ratio
81917	Temperature at bottom of hole, degrees Fahrenheit
82068	Potassium-40, water, filtered, picocuries per liter
82069	Potassium-40 counting error, water, filtered, picocuries per liter
82070	Potassium-40, suspended sediment, picocuries per liter
82071	Potassium-40 counting error, suspended sediment, picocuries per liter
82072	Dial reading, number
82081	Carbon-13/Carbon-12 ratio, water, unfiltered, per mil
82082	Deuterium/Protium ratio, water, unfiltered, per mil
82083	Lithium-7/Lithium-6 ratio, water, unfiltered, per mil
82084	Nitrogen-15/Nitrogen-14 ratio, water, unfiltered, per mil
82085	Oxygen-18/Oxygen-16 ratio, water, unfiltered, per mil
82086	Sulfur-34/Sulfur-32 ratio, water, unfiltered, per mil
82087	Uranium-238/Uranium-234 ratio, water, unfiltered, per mil
82302	Radon-222 counting error, water, unfiltered, picocuries per liter
82303	Radon-222, water, unfiltered, picocuries per liter
82304	Radon-222 counting error, water, dissolved, picocuries per liter
82305	Radon-222, water, dissolved, picocuries per liter
82306	Cobalt-60 counting error, water, filtered, picocuries per liter
82307	Cobalt-60, water, filtered, picocuries per liter

Parameter Code	Parameter Name
82336	Sulfur-34/Sulfur-32 ratio, bed sediment, per mil
82337	Oxygen-18/Oxygen-16 ratio, bed sediment, per mil
82338	Nitrogen-15/Nitrogen-14 ratio, bed sediment, per mil
82339	Carbon-13/Carbon-12 ratio, bed sediment, per mil
82341	Nitrogen-15/Nitrogen-14 ratio in organic fraction, soil or rock, per mil
82362	Radon-222, water, dissolved, picocuries per liter
82688	Nitrogen-15/Nitrogen-14 ratio in nitrate fraction, soil, per mil
82689	Nitrogen-15/Nitrogen-14 ratio in ammonia fraction, soil, per mil
82690	Nitrogen-15/Nitrogen-14 ratio in nitrate fraction, water, filtered, per mil
82691	Nitrogen-15/Nitrogen-14 ratio in ammonia fraction, water, filtered, per mil
82904	Acid neutralizing capacity, wet atmospheric deposition, unfiltered, field, milligrams per liter as calcium carbonate
82905	Acid neutralizing capacity, wet atmospheric deposition, unfiltered, field, microequivalents per liter
82906	Acid neutralizing capacity, wet atmospheric deposition, unfiltered, laboratory, milligrams per liter as calcium carbonate
82907	Acid neutralizing capacity, wet atmospheric deposition, unfiltered, laboratory, microequivalents per liter
83186	Acid neutralizing capacity, bulk atmospheric deposition, unfiltered, field, milligrams per liter as calcium carbonate
83187	Acid neutralizing capacity, bulk atmospheric deposition, unfiltered, field, microequivalents per liter
83188	Acid neutralizing capacity, bulk atmospheric deposition, unfiltered, laboratory, milligrams per liter as calcium carbonate
83189	Acid neutralizing capacity, bulk atmospheric deposition, unfiltered, laboratory, microequivalents per liter
85557	Temperature, low saturation, degrees Celsius
85558	Temperature, high saturation, degrees Celsius
85817	Gross beta radioactivity, water, unfiltered, picocuries per liter
90010	Temperature, area-weighted-average, degrees Celsius
90410	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, milligrams per liter as calcium carbonate
95100	Conversion factor, number
95410	Acid neutralizing capacity, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, milligrams per liter as calcium carbonate
95430	Carbonate, water, unfiltered, fixed endpoint (pH 8.3) titration, laboratory, milligrams per liter as calcium carbonate
99020	Elevation above NGVD 1929, meters
99060	Discharge, cubic meters per second
99061	Discharge, instantaneous, cubic meters per second
99065	Gage height, above datum, meters
99225	Datum offset, elevation of station's Aquatrak leveling point in reference to established datum, meters
99226	Sensor offset, Aquatrak sensor, meters
99227	Primary water level, Aquatrak, distance from measuring point to water surface, meters
99229	Temperature #1, Aquatrak, air temperature of the upper sounding well, degrees Celsius

Parameter Code	Parameter Name
99230	Temperature #2, Aquatrak, air temperature of the bottom sounding well, degrees Celsius
99326	Radium-228 sample-specific minimum detectable concentration, water, filtered, picocuries per liter
99431	Alkalinity, water, filtered, Gran titration, field, microequivalents per liter
99900	District special 99900
99901	District special 99901
99902	District special 99902
99903	District special 99903
99904	District special 99904
99905	District special 99905
99906	District special 99906
99907	District special 99907
99908	District special 99908
99909	District special 99909