

APPENDIX C. Accepted Laboratory Methods

(Revised February 2004)

Lab Method Code	Accepted Laboratory Methods	Lab Method Code	Accepted Laboratory Methods
00-07	URANIUM ACTIVITY METHOD	EPA 1631E	MERCURY - TOTAL & DISSOLVED
100	STATE LAB- VOLATILE PRIORITY POLLUTANT ANALYSIS	EPA 1638	CLEAN HANDS TRACE METALS ICP/MS
401	RADIOCHEMICAL ANALYSIS METHOD 401	EPA 170.1	EPA 170.1
417	RADIOCHEMICAL ANALYSIS METHOD 417	EPA 180.1	NTU TURBIDITY
419	RADIOCHEMICAL ANALYSIS METHOD 419	EPA 200.7	METALS
600/00-02	GROSS ALPHA ACTIVITY METHOD 600/00-02	EPA 200.7/208.1	TOTAL BARIUM
7500-RN	RADIOCHEMICAL ANALYSIS METHOD 7500-RN	EPA 200.7/213.3	TOTAL BORON
900	GROSS BETA ACTIVITY METHOD 900	EPA 200.7/215.1	TOTAL CALCIUM
903	RADIUM 226 ACTIVITY METHOD	EPA 200.7/236.1	TOTAL IRON
903.1	RADIUM 226 ACTIVITY METHOD	EPA 200.7/242.1	TOTAL MAGNESIUM
904	RADIUM 228 ACTIVITY METHOD	EPA 200.7/243.1	MANGANESE
9056	ANION CHROMATOGRAPHY METHOD 9221-D TOTAL COLIFORM BACTERIA (P/A)	EPA 200.7/273.1	TOTAL SODIUM
9221-D	METHOD 9221-E FECAL COLIFORM BACTERIA	EPA 200.7/6010	EPA 200.7/6010
9221-E	RADIOCHEMICAL ANALYSIS METHOD 999	EPA 200.8	METALS
999	METHOD 999	EPA 200.9	TOTAL ANTIMONY, ARSENIC, AND SELENIUM
AB	RADIONUCLIDES	EPA 202.1	TOTAL ALUMINUM
AM 15	GAS CONCENTRATIONS OF THE DISSOLVED GASES IN WATER ANALYSIS OF C1-C4 HYDROCARBONS IN WATER (DIS. GASES IN WATER)	EPA 204.2	TOTAL ANTIMONY
AM18G	GAS CONCENTRATIONS OF THE DISSOLVED GASES IN WATER	EPA 206.2	TOTAL ARSENIC
AM20GAX	CHLORINATED PESTICIDE SCREEN	EPA 206.2/7060	EPA 206.2/7060
BLS 208	CUSTOM GC/MS SCREEN	EPA 206.3	TOTAL ARSENIC
BLS-182	MULTIELEMENT METALS SCREEN	EPA 208.1	EPA 208.1
BLS-21	HARDNESS, CALCULATED	EPA 210.1	EPA 210.1
BLS-218	GWPL PESTICIDES	EPA 210.2	TOTAL BERYLLIUM
BLS-256	SUSPENDED SEDIMENT CONCENTRATION	EPA 213.1	EPA 213.1
CALCULATION	LABORATORY CALCULATION	EPA 213.2	TOTAL CADMIUM
CARBAMATE	ADA - PESTICIDES BY GC/MS	EPA 213.2/7131	EPA 213.2/7131
METHOD	PERCHLORATE	EPA 215.1	EPA 215.1
CASRL/MOD	COLIFORM - LAKE HAVASU	EPA 218.1	EPA 218.1
300.0	COLIFORM - LAKE HAVASU	EPA 218.2	CHROMIUM
COLIFORM	COLIFORM - LAKE HAVASU	EPA 219.2	TOTAL COBALT
COLILERT	COLILERT (EDBERG)	EPA 220.1	TOTAL COPPER
CU200.7	TOTAL COPPER	EPA 220.2	TOTAL COPPER
CUSTOM	(DDT, DDE DDD) PARAMETERS	EPA 220.7/236.1	DISSOLVED IRON
CHLORO PEST	DETECTED/IDENTIFIED	EPA 220.7/242.1	DISSOLVED MAGNESIUM
CUSTOM	DETECTED/IDENTIFIED BY CUSTOM GC/MS	EPA 236.1	EPA 236.1
GC/MS	DETECTED/IDENTIFIED BY CUSTOM GC/MS	EPA 239.2	TOTAL LEAD
DHG-NEL	DISSOLVED HYDROCARBON GASES IN WATER	EPA 239.2/7421	EPA 239.2/7421
8473.00SC	DISSOLVED HYDROCARBON GASES IN WATER	EPA 242.1	EPA 242.1
EPA 120.1	SPECIFIC CONDUCTIVITY	EPA 243.1	EPA 243.1
EPA 130.2	TOTAL HARDNESS	EPA 245.1	TOTAL MERCURY
EPA 150.1	PH- LAB	EPA 245.1/7470	EPA 245.1/7470
EPA 160.1	TOTAL FILTRATABLE RESIDUE	EPA 246.2	TOTAL MOLYBDENUM
EPA 160.2	TOTAL NONFILTRATABLE RESIDUE	EPA 249.1	TOTAL NICKEL
EPA 160.4	TOTAL RESIDUE	EPA 258.1	TOTAL POTASSIUM
EPA 1631	CLEAN HANDS MERCURY OXIDATION/PURGE AND TRAP	EPA 270.2	TOTAL SELENIUM
		EPA 270.2/7740	EPA 270.2/7740
		EPA 272.1	EPA 272.1
		EPA 272.2	TOTAL SILVER
		EPA 273.1	SODIUM
		EPA 279.2	TOTAL THALLIUM
		EPA 279.2/7841	EPA 279.2/7841
		EPA 282.1	TOTAL TIN
		EPA 286.2	EPA METHOD 286.2
		EPA 289.1	TOTAL ZINC

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EPA 300	ANIONS BY ION CHROMATOGRAPHY
EPA 300.0	EPA 300 METHOD
EPA 300.1	EPA 300.1 METHOD
EPA 305	EPA METHOD 305 COLIFORM BACT. ALKALINITY, TOTAL & PHENOLPHTHALEIN
EPA 310.1	
EPA 314	PERCHLORATE
EPA 325.2	CHLORIDE
EPA 325.3	CHLORIDE
EPA 335.1	EPA 335.1
EPA 335.2	CYANIDE
EPA 335.3	EPA 335.3
EPA 335.4	EPA 335.4
EPA 340.2	TOTAL FLUORIDE
EPA 340.3	EPA 340.3
EPA 350.1	NITROGEN, AMMONIA, TOTAL (AS N)
EPA 350.2	EPA 350.2
EPA 350.3	AMMONIA, TOTAL
EPA 351.1	EPA 351.1
EPA 351.2	NITROGEN, KJELDAHL, TOTAL (AS N)
EPA 351.3	NITROGEN, KJELDAHL, TOTAL (AS N)
EPA 351.4	EPA 351.4
EPA 3510/8015 MOD	EXTRACTABLE FUEL HYDROCARBONS
EPA 3510/8081A	EPA 3510/8081A
EPA 3510/8082	EPA 3510/8082
EPA 353.2	NITRITE PLUS NITRATE
EPA 353.2T	NITRATE PLUS NITRITE TOTAL
EPA 353.3	EPA 353.3
EPA 354.1	NITRITE NITROGEN TOTAL
EPA 360.1	EPA 360.1
EPA 365.2	EPA 365.2
EPA 365.2A	TOTAL PHOSPHATE
EPA 365.3	TOTAL PHOSPHORUS
EPA 365.3 MOD	EPA 365.3 MOD
EPA 365.4	TOTAL PHOSPHORUS
EPA 375.2	TOTAL SULFATE
EPA 375.4	TOTAL SULFATE
EPA 376.1	EPA 376.1
EPA 405.1	EPA 405.1
EPA 410.4	EPA 410.4
EPA 415.1	EPA 415.1
EPA 415.2	TOTAL ORGANIC CARBON HYDROCARBON IN WATER, FREON EXT, CHROMAT,
EPA 418.1	
EPA 420.1	EPA 420.1
EPA 425.1	EPA METHOD 425.1 SAFE DRINKING WATER VOLATILE ORGANIC COMPOUNDS
EPA 502.2	
EPA 503.1	EPA 503.1
EPA 5030B	VOLATILE ORGANIC COMPOUNDS
EPA 504	EDP & DBCP
EPA 504.1	ETHYLENE DIBROMIDE-DBCP
EPA 507	EPA METHOD 507 ORGANOCHLORINE PESTICIDES/PCB'S, GC-ECD, XTN, DRINKING WATER
EPA 508	
EPA 515	SDW (CHLORINATED) HERBICIDES
EPA 515.1	HERBICIDES (CHLORINATED)
EPA 524.2	EPA 524.2
EPA 525.2	EPA METHOD 525.2

Lab Method Code	Accepted Laboratory Methods
EPA 525.ML	EPA METHOD 525.ML (MONTGOMERY WATSON LABS)
EPA 531.1	CARBAMATE PESTICIDES PURGEABLE HALOCARBONS, GC-HALL, P&T
EPA 601	
EPA 601/602	VOLATILE ORGANIC COMPOUNDS HALOGENATED VOLATILE ORGANICS
EPA 601/8010	
EPA 6010	EPA 6010
EPA 6010B	EPA 6010B
EPA 602	VOLATILES
EPA 602/8020	AROMATIC VOLATILE ORGANICS
EPA 603	Acrolein and Acrylonitrile, GC-FID, P&T
EPA 604	Phenols, GC-FID/GC-ECD, XTN
EPA 605	Benzidines, HPLC-Electrochem, XTN
EPA 606	Phthalate Esters, GC-ECD, XTN
EPA 607	Nitrosamines, GC-NPD, XTN Organochlorine Pesticides/PCB's, GC-ECD, XTN
EPA 608	Nitroaromatics and Isophorone, GC-FID+ECD, XTN
EPA 609	Polynuclear Aromatic Hydrocarbons, HPLC-UV/Fluor, XTN
EPA 610	
EPA 611	Haloethers, GC-HALL, XTN Chlorinated Hydrocarbons, GC-ECD, XTN
EPA 612	2,3,7,8-Tetrachlorodibenzo-p-dioxin, GC/MS, XTN
EPA 613	Organophosphate Pesticides, GC-FPD or NPD, XTN
EPA 614	CHLORINATED HERBICIDES (EPA METHOD 615)
EPA 615	Organohalide Pesticides and PCB's, GC-ECD, XTN
EPA 617	
EPA 619	Triazine Pesticides, GC-NPD, XTN Organophosphate Pesticides, GC-FPD, XTN
EPA 622	
EPA 624	Volatile Organics, GC/MS, P&T
EPA 625	Semi-Volatile Organics, GC/MS, XTN Dithiocarbamate Pesticides, Colorimetric, CS2 Liberation Carbamates and Urea Pesticides, HPLC-UV, XTN
EPA 630	
EPA 632	
EPA 7041	EPA 7041
EPA 7060A	EPA 7060A
EPA 7091	BERYLLIUM
EPA 7196	EPA 7196
EPA 7421	LEAD
EPA 7470A	EPA 7470A
EPA 7471A	EPA 7471A
EPA 7740	EPA 7740
EPA 7841	EPA 7841
	HALOGENATED VOLATILE ORGANICS
EPA 8010	HALOGENATED VOLATILE ORGANICS
EPA 8010/8020	NON-HALOGENATED VOLATILE ORGANICS
EPA 8015	NON-HALOGENATED VOLATILE ORGANICS - MODIFIED
EPA 8015M	AROMATIC VOLATILE ORGANICS
EPA 8020	
EPA 8021	EPA 8021
EPA 8021A	EPA 8021A
EPA 8021B	EPA 8021B
EPA 8030	ACROLEIN, ACRYLONITRILE, ACETONITRILE

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EPA 8040	PHENOLS	PESTICIDES	
EPA 8060	PTHALATE ESTERS	ORGANO-HG PESTICIDES	ORGANO-HG METHOD FOR MERCURY
EPA 8080	ORGANOCHLORINE PESTICIDES + PCB'S	SW 846	PESTICIDES SW 846 METHOD 3510, SW 846 METHOD 8270
EPA 8090	NITROAROMATICS AND CYCLIC KETONES	RA	RADIUM-226 & RADIUM-228
EPA 8120	CHLORONATED HYDROCARBONS	RADIONUCLIDE	RADIONUCLIDE ANALYSIS
EPA 8140	ORGANOPHOSPHORUS PESTICIDES	RSKSOP-175	ETHANE, ETHYLENE, AND METHANE ANALYSIS
EPA 8141	EPA 8141	RSKSOP-175M	METHANE ANALYSIS
EPA 8141A	EPA 8141A - ORGANOPHOSPHORUS PESTICIDES	SM 10200 H	STANDARD METHOD FOR 10200 H
EPA 8150	CHLORINATED HERBICIDES	SM 2320B	STANDARD METHOD 2320B
EPA 8151	EPA 8151	SM 2340 B	STANDARD METHOD 2340 B
EPA 8240	VOLATILE ORGANICS	SM 2510 B	CONDUCTIVITY LABORATORY METHOD
EPA 8260	VOLATILE ORGANICS	SM 2540C	TOTAL DISSOLVED SOLID DRIED AT 180 DEGREES CENTIGRAGE
EPA 8260A	EPA 8260A	SM 2580B	STANDARD METHOD 2580B (REDOX)
EPA 8260B	EPA 8260B	SM 3112	STANDARD METHOD 3112
EPA 8270	SEMI-VOLATILE ORGANICS	SM 3112 B	STANDARD METHOD COLD VAPOR ATOMIC ABSORPTION SPECTRO METRIC
EPA 8270	SEMI-VOLATILE ORGANICS	SM 3500	STANDARD METHOD 3500
MODIFIED	SEMI-VOLATILE ORGANICS	SM 3500 CR D	STANDARD METHOD 3500 CR D
EPA 8270A	PESTICIDES BY GC/MS	SM 403	SM 403
EPA 8270C	SEMI-VOLATILE ORGANICS BY GC/MS	SM 407C	TOTAL CHLORIDE IN WATER
EPA 8310	POLYNUCLEAR AROMATIC HYDROCARBONS	SM 4500	STANDARD METHOD 4500
EPA 900.0	EPA 900.0	SM 4500 C	STANDARD METHOD 4500 C
EPA 903.0	EPA 903.0	SM 4500 CL D	STANDARD METHOD 4500 FOR CHLORIDE
EPA 903.0/901.1	EPA 903.0/901.1	SM 4500 CN	STANDARD METHOD 4500 CN (CYANIDE)
EPA 9040	EPA 9040	SM 4500 CO2	STANDARD METHOD 4500-CO2
EPA 913.0	TOTAL RADON IN WATER	SM 4500 F-C	STANDARD METHOD 4500 FOR FLUORIDE /ION ELECTRODE METHOD
EPA M2340B	EPA M2340B	SM 4500 N-O, C	STANDARD METHOD 4500 N-O, C
ERI SOP	LOW CONCENTRATIONS OF GERMANIUM IN WATER (ERI)	SM 4500 NO2-B	STANDARD METHOD 4500 NO2-B
FIELD	FIELD PARAMETERS	SM 4500-N C	STANDARD METHOD 4500-N C
GC/MS	ADA - PESTICIDES BY GC/MS	SM 4500-NH3	STANDARD METHOD 4500-NH3 BE
METHOD	GRAPHITE FURNACE ATOMIC ABSORPTION	SM 4500-NH3F	STANDARD METHOD 4500-NH3F
GFAA	SPECTROPHOTOMETRY	SM 4500-P BE	STANDARD METHOD 4500-P BE
GWPL	GWPL CARBAMATES BY GC/HPLC	SM 4500-S-C,D	TOTAL SULFIDE
CARBAMATES	GWPL HERBICIDES BY GC/ECD	SM 4500NO3	STANDARD METHOD 4500 NO3
GWPL	GWPL CARBAMATES	SM 4500NO3 E	STANDARD METHOD 4500 NO3 E
HERBICIDES	GWPL HERBICIDES	SM 5220 C	STANDARD METHOD 5220 C
GWPL-CARB	GWPL PESTICIDES	SM 5310 C	STANDARD METHOD 5310 C
GWPL-HERB	INORGANIC METHOD FOR TOTAL PHOSPHOROUS (AS P MG/L)-HATCH CO.	SM 8015M	STANDARD METHOD 8015M
GWPL-PEST	FIELD TEST KIT WITH CONCENTRATIONS BASED ON A COLOR WHEEL	SM 8020M	STANDARD METHOD 8020M
H8190	ISOTOPIC ANALYSIS	SM 9222	STANDARD METHOD 9222
HACH8000	LUCAS LAB'S METHOD OF ANALYZING RADON	SM 9222B	STANDARD METHOD 9222B
ISOTOPIC	METHOD BAT	SM 9222D	STANDARD METHOD 9222D
ANALYSIS	METHOD BAT	SM 9223	STANDARD METHOD 9223
LUCAS CELL	PERCHLORATE	SM-2320	STANDARD METHOD 2320
METHOD BAT	MOD. EPA 3810	SM-2320B	STANDARD METHOD FOR THE EXAMINATION OF WATER & WASTEWATER
MOD. EPA 300.0	VOLATILE FUEL HYDROCARBONS (MOD. EPA 8015)	SM-2540C	STANDARD METHOD 2540
MOD. EPA 3810	VOLATILE FUEL HYDROCARBONS / BTEX DISTINCTION	SMEW&W #3500CRD	STD MTHDS FOR EXAM. OF WTR & WW,PART 3500-CR D.-
MOD. EPA 8015	CARBAMATE PESTICIDES	STDMETH 407C	COLORIMETRIC
MOD. EPA 8015/8020	MOHAVE SUITE PESTICIDES	SW6010	TOTAL CHLORIDE IN WATER
MODIF.EPA 531.1			SW6010
MOHAVE			

Lab Method Code	Accepted Laboratory Methods
SW7061	SW7061
SW7610	SW7610
SW7770	SW7770
SW8021A	SW8021A
SW8260B	SW8260B
SW8310	SW8310
SW9036	SW9036
SW9040	SW9040
SW9050	SW9050
SW9251	SW9251
U OF A	ISOTOPIC ANALYSIS
U OF A/U OF IL	ISOTOPIC ANALYSIS
U OF IL	ISOTOPIC ANALYSIS
U-NAT	NATURAL URANIUM
UNION	
CARBIDE	UNION CARBIDE
UNKNOWN	UNKNOWN
VARIAN	
MODIFIC.	SPECIFIC VOC'S- DIBROMO'S
WALKLEY	
BLACK	WALKLEY BLACK METHOD