

## Organic analyses

METHOD	PARAMETER
EPA 1666 by SW 8260C	Pharmaceuticals EPA 1666
EPA 524.2	Trihalomethanes
EPA 524.2 / 624.1 / SW 8260C	Volatile Organics
EPA 608.3 / SW 8081A	PCB
EPA 608.3 / SW 8081A	Pesticide/PCB Combo
EPA 608.3 / SW 8081A	Pesticides
EPA 624.1	Volatiles MWRA List
EPA 624.1 / SW846-8260C / EPA 524.2	Single VOA (MEK, MtBE, CEVE, acrolein, CS2, chloroform, xylenes, Cis 1-2DCE, toluene)
EPA 624/8260/524	BTEX
EPA 625.1 / SW 8270D	PAH
EPA 625.1 / SW 8270D	Phthalates
EPA 625.1 / SW 8270D	Semi Voa BN Extractables
EPA 625.1 / SW8270D	Semi Volatiles Full
EPA 625.1 / SW8270D	TCLP SVOA with extraction
EPA 625.1 / SW846-8270D	Semi Voa Acid Extractables
EPA 625.1 / SW 8270D SIM	PAH Low Level SIM
SW 8015 DRO	Total Petroleum Hydrocarbons
SW 8015 Ethyl Alcohol	Alcohols
SW 8151A 2,4D and Silvex	Herbicides

SW 8260 TCLP VOA Analysis w/  
ZHE

TCLP Volatiles

SW 8260C SIM

1,4 Dioxane SIM

### **Inorganic and Wet Chemistry**

METHOD	PARAMETER
1664A HEM Aqueous	Oil & Grease, Total
1664A HEM in solid matrix	Oil & Grease, Total - Solid
ASTM D240-87	% Ash
ASTM D1475	Specific Gravity
ASTM D240-87	BTU Caloric Value
ASTM D2974-87	Total Organic Matter
ASTM F2617-08 CPSC-CH-E1002-08.1	Lead in homogeneous plastic by XRF
ASTM F963 (extract) EPA 6010 (analysis)	Dissolved metals in Toys by ICP
CPSC-CH-C1001-09.4 SW846/3546 (extract) SW846/8270 (analysis)	CPSC Phthalates by GC/MS
CPSC-CH-C1001-08.3 (extract) EPA 6010 (analysis)	Lead in Metal Products by ICP
CPSC-CH-C1001-08.3 (extract) EPA 6010 (analysis)	Lead in Non-Metal Products by ICP
CPSC-CH-C1003-09 (extract) EPA 6010 (analysis)	Lead in Paint and Surface Coatings by ICP
EN71-3	Metals
EPA 110.2 modified	Color

EPA 140.1 modified Odor -apparent	Odor
EPA 160.5	Settleable Solids
EPA 1664A Silical Gel Treated	Oil & Grease SGT-HEM
EPA 180.1	Turbidity
EPA 200.7	Arsenic Speciation 200.7
EPA 200.7 / 200.8 / SW6010C	Metals by ICP and ICP-MS
EPA 200.7 / 200.8 / SW6010C	Phosphorus Total
EPA 200.7 Ag-Photo Processing	Silver Photo
EPA 245.1 / SW7071A	Mercury
EPA 300.0 / SW9056	Single anions (Cl <sup>-</sup> , Br <sup>-</sup> , F <sup>-</sup> , sulfate, nitrate, nitrite)
EPA 300.0 NO <sub>2</sub> /NO <sub>3</sub>	Nitrate/Nitrite-N - IC
EPA 360.1	Dissolved Oxygen
EPA 377.1	Sulfite
EPA 420.1	Phenol
EPA 425.1	Surfactants (MBAS)
RCRA metals (As,Ba,Cd,Cr,Pb,Hg, Se, Ag) -EPA 200.7 / 200.8 / SW6010C / SW 7471	RCRA 8 Metals
SM 2320B ..Alkalinity - Bicarbonate, caustic or carbonate	Alkalinity
SM 2320B Total, Carbonate and Caustic	Alkalinity Suite
SM 2340B - Calculation	Hardness

SM 2510B	Specific Conductance
SM 2540B TS Residue	Total Solids
SM 2540C TDS	Total Dissolved Solids
SM 2540D TSS	Total Suspended Solids
SM 2540D TVS	Total Volatile Solids
SM 2540D TVSS	Total Volatile Suspended Solids
SM 2540G	Percent Moisture
SM 2540G	Percent Solid
SM 3500 CR D	Hexavalent Chromium
SM 4500 CN G & E Cyanide, ATCI	Cyanide ATCI
SM 4500 H+ B	pH
SM 4500CL-G	Chlorine, Residual
SM 4500CN C & E	Cyanide, Total
SM 4500-N	Total-Nitrogen as N
SM 4500N org TON	Organic Nitrogen - N
SM 4500N Total	Kjeldahl - N, Total
SM 4500-NH3-D	Ammonia - N
SM 4500P-E	Phosphorus, Ortho
SM 5210B	BOD-5/CBOD
SM 5220D	COD Chemical Oxygen Demand
SW 1010	Flashpoint
SW 1030	Ignitability of solids
SW 1311	TCLP Non-Volatile Extraction

SW 1311 (As,Ba,Cd,Cr,Pb,Hg, Se, Ag) EPA 200.7 / 200.8 / SW6010C (Includes TCLP extraction)	RCRA 8 metals-TCLP
SW 1312 Synthetic Precipitate Leaching Procedure Extraction	SPLP Extraction
SW 3060/3500 CrD	Hexavalent Chromium Alkaline Leech analysis
SW 5050	Bomb Prep Anions
SW 5050	Bomb Prep Metals
SW 5050/9056 S	% Sulfur as SO <sub>4</sub>
SW 5050/9056-Cl with prep	% Halogens (as Cl <sup>-</sup> )
SW 846 Ch 7.3.3.2/7.3.4.2.	Reactivity Cyanide / Sulfide
SW 9045C	Corrosivity - pH
SW 9095	Paint Filter / Free Liquids

### **Sample Preparation**

METHOD	PARAMETER
SW 3015/3050/3052/200.7/200.8	Acid digestion for metals
Microwave Digestion SW3052	Metals Microwave Digestion
SW 1311	TCLP-Non-volatile extraction
SW 1311	TCLP-Zero head space extraction (ZHE)
SW 5050	Bomb preparation
SW 1310	EP Toxicity method and structural integrity test
SW 8015 extraction	TPH Extraction ONLY

## Microbial Testing

METHOD	PARAMETER
SM 9223B	Total Coliform P/A
SM 9223B	Ecoli QT
SM 9223B	Total Coliform QT
SM 9223B	Total Coliform/eColi QT
SM 9215E - SIM Plate	Heterotrophic Plate Count
SM 9223B	Fecal Quanti-Tray
SM 9230B	Enterococci QT