

# ADHS Accredited Tests

Safe Drinking Water (SW)		
Description	Method	Location
VOCs in SDW	EPA 524.4	Tempe
BTEX in SDW - Volatiles - Benzene, Toluene, Ethylbenzene, Xylene	EPA 524.4	Tempe
Disinfection Byproducts in SDW - Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform	EPA 524.4	Tempe
Total Metals in SDW - Ag, Al, As, Ba, Be, Cd, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, U, Vn, Zn	EPA 200.8	Tempe
Dissolved Metals in SDW - Ag, Al, As, Ba, Be, Cd, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, U, Vn, Zn	EPA 200.8	Tempe
Total Metals in SDW - Al, Ag, Ba, Be, Cd, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, Zn	EPA 200.7	Tempe
Dissolved Metals in SDW - Al, Ag, Ba, Be, Cd, Ca, Cr, Cu, Fe, Mg, Mn, Ni, Na, Zn	EPA 200.7	Tempe
Mercury in SDW	EPA 245.1	Tempe
Individual Metal in SDW - 200.8	EPA 200.8	Tempe
Individual Metal in SDW - 200.7	EPA 200.7	Tempe
Metals - Lead & Copper in SDW	EPA 200.7	Tempe
Anions by IC in SDW - Chloride, Fluoride, Nitrate, Nitrite, Ortho-phosphate, Sulfate	SM 4110B	Tempe
pH in SDW	SM 4500	Tempe
Alkalinity in SDW	SM 2320B	Tempe
Color in SDW	SM 2120B	Tempe
Turbidity in SDW	SM 2130B	Tempe
TDS in SDW	SM 2540C	Tempe
Conductivity in SDW	SM 2510B	Tempe
Hardness in SDW	EPA 200.7	Tempe
Total Coliforms and E. Coli presence/absence in SDW	SM 9223B	Tempe
E. Coli presence/absence in SDW	SM 9223B	Tempe
Total Coliforms presence/absence in SDW	SM 9223B	Tempe

## Safe Drinking Water (SW)

Description	Method	Location
Total Organic Carbon (TOC) in SDW	SM 5310B	Calgary
Dissolved Organic Carbon (DOC) in SDW	SM 5310B	Calgary
PFAS in SDW - EPA 533	EPA 533	Calgary
PFAS in SDW - EPA 537.1	EPA 537.1	Calgary
Bromide in SDW	EPA 300.0	Mississauga
Cobalt in SDW	EPA 200.8	Mississauga
Strontium in SDW	EPA 200.8	Mississauga
Cyanide in SDW	SM 4500 CN E, B, C	Mississauga

## Wastewater (WW)

Description	Method	Location
VOCs in WW	EPA 8260D	Tempe
BTEX in WW - Volatiles - Benzene, Toluene, Ethylbenzene, Xylene	EPA 8260D	Tempe
PAHs in WW	EPA 8270E	Tempe
Total Metals in WW - Al, Ag, As, Sb, Ba, Be, Cd, Cr, Co, Cu, Mn, Pb, Mo, Ni, Se, Tl, Vn, Zn	EPA 200.8	Tempe
Dissolved Metals in WW - Al, Ag, As, Sb, Ba, Be, Cd, Cr, Co, Cu, Mn, Pb, Mo, Ni, Se, Tl, Vn, Zn	EPA 200.8	Tempe
Total Metals in WW - Al, Ag, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Mn, Mg, Pb, Mo, Ni, K, Se, Na, Sr, Tl, Vn, Zn	EPA 200.7	Tempe
Dissolved Metals in WW - Al, Ag, As, Sb, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Mn, Mg, Pb, Mo, Ni, K, Se, Na, Sr, Tl, Vn, Zn	EPA 200.7	Tempe
Mercury in WW	EPA 7470A / EPA 245.1	Tempe
RCRA Metals - 8 Metals in WW - Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver	EPA 6010D + EPA 7470A	Tempe
Individual Metal in WW - 200.8	EPA 200.8	Tempe
Individual Metal in WW - 200.7	EPA 200.7	Tempe
Metals - Lead & Copper in WW	EPA 200.7	Tempe
Anions by IC in WW - Chloride, Fluoride, Nitrate, Nitrite, Ortho-phosphate, Sulfate	SM 4110B	Tempe
pH in WW	SM 4500	Tempe
Alkalinity in WW	SM 2320B	Tempe
Color in WW	SM 2120 B	Tempe
Turbidity in WW	SM 2130B	Tempe
TDS in WW	SM 2540C	Tempe
Conductivity in WW	SM 2510B	Tempe
Total Organic Carbon (TOC) in WW	SM 5310B	Calgary
Dissolved Organic Carbon (DOC) in WW	SM 5310B	Calgary
Phosphorus in Aqueous Waste	SM 4500, P B, P E	Mississauga
Ammonia in Aqueous Waste	SM 4500 NH3G	Mississauga

<b>Wastewater (WW)</b>		
<b>Description</b>	<b>Method</b>	<b>Location</b>
Total Suspended Solids (TSS) in WW	SM 2540D	Calgary
Phenols in WW	EPA 420.4	Calgary
Chemical Oxygen Demand (COD) in WW	SM 5220D	Calgary
PFAS in WW - EPA 1633	EPA 1633	Calgary
Kjeldahl, Total Nitrogen in WW	EPA 351.2, 4500-NORG D	Mississauga
Oil and Grease, Total Petroleum Hydrocarbons in WW	SM 5520B	Mississauga
Chromium (VI) Hexavalent in WW	SM 3500 CR B	Mississauga
Phosphorus in WW	SM 4500, P B, P E	Mississauga
Ammonia in WW	SM 4500 NH3G	Mississauga
Silica, Dissolved in WW	SM 4500 SIO2	Mississauga

<b>Hazardous Soil/Solids (HW)</b>		
<b>Description</b>	<b>Method</b>	<b>Location</b>
VOCs in HW	EPA 8260D	Tempe
BTEX in HW - Volatiles - Benzene, Toluene, Ethylbenzene, Xylene	EPA 8260D	Tempe
TCLP - VOCs in HW	EPA 8260D + EPA 1311	Tempe
PAHs in HW	EPA 8270E	Tempe
DRO in HW - Diesel Range Organics (C22 to C32)	8015AZ	Tempe
ORO in HW - Oil Range Organics (C10 to C22)	8015AZ	Tempe
DRO/ORO in HW	8015AZ	Tempe
Total Metals in HW - Al, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mn, Ni, Se, Tl, Vn, Zn - 6020B	EPA 6020B	Tempe
Total Metals in HW - Al, Sb, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, Tl, Sn, Ti, Vn, Zn - 6010D	EPA 6010D	Tempe
Individual Metal in HW 6020B	EPA 6020B	Tempe
Individual Metal in HW 6010D	EPA 6010D	Tempe
Mercury in HW	EPA 7471A	Tempe
TCLP RCRA - 8 metals in HW - Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, and Silver	EPA 6010D + EPA 7471A + EPA 1311	Tempe
TCLP (prep only) in HW	EPA 1311	Tempe
TCLP Individual Metals in HW - Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Mn, Ni, Pb, Sb, Se, Sn, Tl, V, Zn	EPA 6010D or EPA 7471A + EPA 1311	Tempe
PFAS in HW - 1633	EPA 1633	Calgary
Paint Filler Liquids Test in HW	EPA 9095B	Calgary
Ph in HW	EPA 9095D	Calgary
Flash Point in HW	EPA 1010A	Calgary
Kjeldahl, Total Nitrogen in HW	4500-NORG D	Mississauga
Ignitability of HW	1030	Mississauga