

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Inorganics	Metals	Metals by ICP	Chromium	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Copper	EPA 200.7, 4.4 (1994)	20 ug/L		
Inorganics	Metals	Metals by ICP	Nickel	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Lead	EPA 200.7, 4.4 (1994)	25 ug/L		
Inorganics	Metals	Metals by ICP	Zinc	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Vanadium	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Aluminum	EPA 200.7, 4.4 (1994)	50 ug/L		
Inorganics	Metals	Metals by ICP	Beryllium	EPA 200.7, 4.4 (1994)	5 ug/L		
Inorganics	Metals	Metals by ICP	Cobalt	EPA 200.7, 4.4 (1994)	50 ug/L		
Inorganics	Metals	Metals by ICP	Iron	EPA 200.7, 4.4 (1994)	50 ug/L		
Inorganics	Metals	Metals by ICP	Manganese	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Arsenic	EPA 200.7, 4.4 (1994)	100 ug/L		
Inorganics	Metals	Metals by ICP	Cadmium	EPA 200.7, 4.4 (1994)	5 ug/L		
Inorganics	Metals	Metals by ICP	Selenium	EPA 200.7, 4.4 (1994)	100 ug/L		
Inorganics	Metals	Metals by ICP	Titanium	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Boron	EPA 200.7, 4.4 (1994)	50 ug/L		
Inorganics	Metals	Metals by ICP	Barium	EPA 200.7, 4.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP	Calcium *	EPA 200.7, 4.4 (1994)	0.1 mg/L		
Inorganics	Metals	Metals by ICP	Potassium *	EPA 200.7, 4.4 (1994)	0.1 mg/L		
Inorganics	Metals	Metals by ICP	Magnesium *	EPA 200.7, 4.4 (1994)	0.1 mg/L		
Inorganics	Metals	Metals by ICP	Sodium *	EPA 200.7, 4.4 (1994)	0.1 mg/L		
Inorganics	Metals	Metals by ICP	Lithium	EPA 200.7, 4.4 (1994)	25 ug/L		
Inorganics	Metals	Metals by ICP	Silver	EPA 200.7, 4.4 (1994)	5 ug/L		
Inorganics	Metals	Metals by ICP/MS	Cadmium	EPA 200.8, 5.4 (1994)	0.5 ug/L		
Inorganics	Metals	Metals by ICP/MS	Chromium	EPA 200.8, 5.4 (1994)	5 ug/L		
Inorganics	Metals	Metals by ICP/MS	Copper	EPA 200.8, 5.4 (1994)	2 ug/L		
Inorganics	Metals	Metals by ICP/MS	Nickel	EPA 200.8, 5.4 (1994)	2 ug/L		
Inorganics	Metals	Metals by ICP/MS	Lead	EPA 200.8, 5.4 (1994)	2 ug/L		
Inorganics	Metals	Metals by ICP/MS	Zinc	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Arsenic	EPA 200.8, 5.4 (1994)	2 ug/L		
Inorganics	Metals	Metals by ICP/MS	Selenium	EPA 200.8, 5.4 (1994)	1 ug/L		
Inorganics	Metals	Metals by ICP/MS	Silver	EPA 200.8, 5.4 (1994)	1 ug/L		
Inorganics	Metals	Metals by ICP/MS	Manganese	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Molybdenum	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Antimony	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Tin	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Thallium	EPA 200.8, 5.4 (1994)	2 ug/L		
Inorganics	Metals	Metals by ICP/MS	Strontium	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Beryllium	EPA 200.8, 5.4 (1994)	5 ug/L		
Inorganics	Metals	Metals by ICP/MS	Vanadium	EPA 200.8, 5.4 (1994)	10 ug/L		
Inorganics	Metals	Metals by ICP/MS	Cobalt	EPA 200.8, 5.4 (1994)	50 ug/L		

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QA/QC PQLs

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					Aqueous	Non-Aqueous	Tissue
Inorganics	Metals	Metals by GF/AA	Silver	EPA 200.9, Rev. 2.2 (1994)	1 ug/L		
Inorganics	Metals	Metals by GF/AA	Arsenic	EPA 200.9, Rev. 2.2 (1994)	2 ug/L		
Inorganics	Metals	Metals by GF/AA	Cadmium	EPA 200.9, Rev. 2.2 (1994)	0.5 ug/L		
Inorganics	Metals	Metals by GF/AA	Copper	EPA 200.9, Rev. 2.2 (1994)	2 ug/L		
Inorganics	Metals	Metals by GF/AA	Nickel	EPA 200.9, Rev. 2.2 (1994)	2 ug/L		
Inorganics	Metals	Metals by GF/AA	Lead	EPA 200.9, Rev. 2.2 (1994)	2 ug/L		
Inorganics	Metals	Metals by GF/AA	Selenium	EPA 200.9, Rev. 2.2 (1994)	1 ug/L		
Inorganics	Metals	Mercury	Mercury	EPA 245.1 Rev. 3.0 (1994)	0.2 ug/L		
Inorganics	Metals	Mercury	Mercury	EPA 245.5 Rev. 2.3 (1991)		0.002 ug/Kg	
Inorganics	Metals	Mercury	Mercury	EPA 245.6 Rev. 2.3 (1991)			0.002 mg/Kg
Inorganics	Metals	Mercury	Low-Level Mercury	EPA 1631 E	1.0 ng/L		
Inorganics	Micro	Turbidity	Turbidity	SM 2130 B 2001	1 NTU		
Inorganics	Micro	Alk to pH 4.5, total as CaCO3	Alkalinity 4.5	SM 2320 B-1997	1 mg/L		
Inorganics	Micro	Alk to pH 8.3, total as CaCO3	Alkalinity 8.3	SM 2320 B-1997	1 mg/L		
Inorganics	Micro	Hardness	Hardness	SM 2340 C-2011	1 mg/L		
Inorganics	Micro	Specific Conductance	Specific Conductance	SM 2510 B-1997	14.9 umhos/cm		
Inorganics	Micro	BOD5	BOD5	SM 5210 B- 2001	2.0 mg/L		
Inorganics	Micro	CBOD5	CBOD5	SM 5210 B- 2001	2.0 mg/L		
Inorganics	Micro	Dissolved Organic Carbon	Dissolved Organic Carbon	SM 5310 B-2014	2 mg/L		
Inorganics	Micro	Total Organic Carbon	Total Organic Carbon	SM 5310 B-2014	2 mg/L		
Inorganics	Micro	Coliform, Total - MF	Coliform, Total - MF	SM 9222 B-1997	1 cfu/100 ml		
Inorganics	Micro	Coliform, Fecal - MF	Coliform, Fecal - MF	SM 9222 D-1997	1 cfu/100 ml		
Inorganics	Micro	Coliform, E.coli	Ecoli - MPN Analysis by Quantitray	SM 9222 D-1998	1 cfu/100 ml		
Inorganics	Nutrients	Ammonia	Ammonia	EPA 350.1, Rev. 2.0 (1993)	0.1 mg/L		
Inorganics	Nutrients	Total Kjeldahl Nitrogen	Total Kjeldahl Nitrogen	EPA 351.2, Rev. 20. (1993)	0.4 mg/L		
Inorganics	Nutrients	Nitrite	Nitrite	EPA 353.2, Rev. 2.0 (1993)	0.02 mg/L		
Inorganics	Nutrients	Orthophosphate	Orthophosphate	EPA 365.1, Rev. 2.0 (1993)	0.02 mg/L		
Inorganics	Nutrients	Total Phosphorus	Total Phosphorus	Lachat Quikchem 10-115-01-1-F	0.05 mg/L		
Inorganics	Nutrients	Nitrate + Nitrite	Nitrate + Nitrite	EPA 353.2, Rev. 2.0, 1993	0.06 mg/L		
Inorganics	Wet Chem	Oil & Grease	Oil & Grease	EPA 1664 B	10 mg/L		
Inorganics	Wet Chem	Oil & Grease	Oil & Grease	SW-846-9071 B		1000 mg/Kg	
Inorganics	Wet Chem	Hexavalent Chromium	Hexavalent Chromium	EPA 218.6, Rev. (1994)	0.2 ug/L		
Inorganics	Wet Chem	Ion Chromatography	Bromide	EPA 300.0, Rev.2.1 (1993)	0.4 mg/l		
Inorganics	Wet Chem	Ion Chromatography	Chloride	EPA 300.0, Rev.2.1 (1993)	1 mg/l		
Inorganics	Wet Chem	Ion Chromatography	Fluoride	EPA 300.0, Rev.2.1 (1993)	0.4 mg/l		
Inorganics	Wet Chem	Ion Chromatography	Sulfate	EPA 300.0, Rev.2.1 (1993)	2 mg/l		
Inorganics	Wet Chem	Cyanide	Cyanide	Kelada-01 Rev. 1.2 (2001)	0.005 mg/L		
Inorganics	Wet Chem	Phenol, Inorganic	Phenol, Inorganic	EPA 420.4, Rev. (1994)	10 ug/L		
Inorganics	Wet Chem	Chlorophyll a	Chlorophyll a	EPA 445.0, Rev. 1.2, 1997	1 µg/L		
Inorganics	Wet Chem	Microcystins	Microcystins	EPA 546, Rev. (2016)	0.4 ug/L		
Inorganics	Wet Chem	Color, True	PTCO	SM 2120 B-2011	5 c.u.		

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					Aqueous	Non-Aqueous	Tissue
Inorganics	Wet Chem	Color, ADMI	Natural ADMI	SM 2120 E-2011	10 c.u.		
Inorganics	Wet Chem	Residue, Total	Residue, Total	SM 2540 B-1997	12 mg/L		
Inorganics	Wet Chem	Residue, Total Dissolved	Residue, Total Dissolved	SM 2540 C 1997	12 mg/L		
Inorganics	Wet Chem	Residue, Total Suspended	Residue, Total Suspended	SM 2540 D-1997	2.5 mg/L		
Inorganics	Wet Chem	Residue, Suspended Fixed	Residue, Suspended Fixed	SM 2540 E-1997	2.5 mg/L		
Inorganics	Wet Chem	Residue, Suspended Volatile	Residue, Suspended Volatile	SM 2540 E-1997	2.5 mg/L		
Inorganics	Wet Chem	Residue, Total Fixed	Residue, Total Fixed	SM 2540 E-1997	12 mg/L		
Inorganics	Wet Chem	Residue, Total Volatile	Residue, Total Volatile	SM 2540 E-1997	12 mg/L		
Inorganics	Wet Chem	Sulfide	Sulfide	SM 4500-S2 D&F-2000	0.1 mg/L		
Inorganics	Wet Chem	Silica	Silica	SM 4500-SiO2 C-2011	2 mg/L		
Inorganics	Wet Chem	Chemical Oxygen Demand	Chemical Oxygen Demand	SM 5220 C - 1997	20 mg/L		
Inorganics	Wet Chem	MBAS	MBAS	SM5540 C-2000	0.1 mg/L		
Inorganics	Wet Chem	Tannin & Lignin	Tannin & Lignin	0	0.2 mg/L		
Organics	Pesticides	Organochlorine Pesticides	A-BHC	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	B-BHC	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	G-BHC	EPA 608.3	0.06 ug/L		
Organics	Pesticides	Organochlorine Pesticides	D-BHC	EPA 608.3	0.06 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Heptachlor	EPA 608.3	0.06 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Aldrin	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Heptachlor Exopoxide	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	G-Chlordane	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endosulfan I	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	A-Chlordane	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Dieldrin	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	p,p-DDE	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endrin	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endosulfan II	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	p,p-DDD	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endosulfan Sulfate	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endrin Aldehyde	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	p,p-DDT	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Endrin Ketone	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	Methoxychlor	EPA 608.3	0.03 ug/L		
Organics	Pesticides	Organochlorine Pesticides	A-BHC	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	B-BHC	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	G-BHC	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	D-BHC	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Heptachlor	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Aldrin	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Heptachlor Exopoxide	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	G-Chlordane	SW-846 8081B		2 ug/Kg	

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					Aqueous	Non-Aqueous	Tissue
Organics	Pesticides	Organochlorine Pesticides	Endosulfan I	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	A-Chlordane	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Dieldrin	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	p,p-DDE	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Endrin	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Endosulfan II	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	p,p-DDD	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Endrin Aldehyde	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Endosulfan Sulfate	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	p,p-DDT	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Endrin Ketone	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organochlorine Pesticides	Methoxychlor	SW-846 8081B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Demeton	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Diazinon	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Disulfoton	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Methyl Parathion	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Chlorpyrifos	EPA 614	0.5 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Ethyl Parathion	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Malathion	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Ethion	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Azinphos Methyl	EPA 614	2 ug/L		
Organics	Pesticides	Organophosphorus Pesticides	Demeton	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Diazinon	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Disulfoton	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Methyl Parathion	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Chlorpyrifos	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Ethyl Parathion	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Malathion	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Ethion	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organophosphorus Pesticides	Azinphos Methyl	SW-846 8141 B		2 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Atraton	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Propazine	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Atrazine	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Terbutylazine	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Secbumeton	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Prometryn	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Ametryn	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Simetryn	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Terbutrypn	EPA 619	10 ug/L		
Organics	Pesticides	Organonitrogen Pesticides	Atraton	SW-846 8141B		330 ug/Kg	

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

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					Aqueous	Non-Aqueous	Tissue
Organics	Pesticides	Organonitrogen Pesticides	Propazine	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Atrazine	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Terbutylazine	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Secbumeton	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Prometryn	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Ametryn	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Simetryn	SW-846 8141B		330 ug/Kg	
Organics	Pesticides	Organonitrogen Pesticides	Terbutryn	SW-846 8141B		330 ug/Kg	
Organics	SVOA	Per- and Polyfluoroalkyl Substances	11CI-PF3OUDS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	4:2 FTS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	6:2 FTS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	8:2 FTS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	9CI-PF3ONS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	HFPO-DA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	NaDONA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	N-EtFOSAA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	N-MeFOSAA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFBA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFBS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFDA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFDoA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFDoS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFDS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFHpA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFHpS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFHxA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFHxS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFNA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFNS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFOA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFOS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PPPeA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PPPeS	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFTeDA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFTrDA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFUnA	DWRPFAS	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	Byproduct 1	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	ByProduct 2	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	Byproduct 4	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	Byproduct 5	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	Byproduct 6	DWRPFAS2022	2 ng/L		

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Organics	SVOA	Per- and Polyfluoroalkyl Substances	Hydro-EVE	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	NVHOS	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PEPA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFECA G	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFECA-B	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFEESA/PES	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFMOAA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFO2HxA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFO3OA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFO4DA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PFO5DA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	PMPA	DWRPFAS2022	2 ng/L		
Organics	SVOA	Per- and Polyfluoroalkyl Substances	R-EVE	DWRPFAS2022	2 ng/L		
Organics	SVOA	Semi-Volatile Organic Analytes	Acenaphthene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Acenaphthylene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Aniline	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Anthracene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(a)anthracene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(a)pyrene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(b)fluroanthene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(g,h,i)perlylene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(k)fluoranthene	EPA 625.1	30 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzoic acid	EPA 625.1	50 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Benzyl alcohol	EPA 625.1	30 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chlorethyl)ether	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chloroethoxy)methane	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chloroisopropyl)ether	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-ethylhexyl)phthalate	EPA 625.1	30 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Bromophenyl phenyl ether, 4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Butylbenzyl phthalate	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Chloro-3-Methylphenol, 4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	4-Chloroaniline	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Chloronaphthalene, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Chlorophenol, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Chlorophenyl phenyl ether, 4-	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Chrysene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dibenzo(a,h)anthracene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dibenzofuran	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,3	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,4-	EPA 625.1	10 ug/mL		

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzidine, 3,3'-	EPA 625.1	30 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorophenol, 2,4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Diethyl phthalate	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dimethyl phthalate	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dimethylphenol, 2,4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Di-n-butyl phthalate	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitro-2-Methylphenol, 4,6-	EPA 625.1	50 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrophenol, 2,4-	EPA 625.1	100 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrotoluene, 2,4-	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrotoluene, 2,6-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Di-n-octyl phthalate	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Fluoranthene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Fluorene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorobenzene (HCB)	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorobutadiene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorocyclopentadiene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachloroethane	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Indeno(1,2,3-cd)-Pyrene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Isophorone	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Methylnaphthalene, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Methylphenol, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Methylphenol, 4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Naphthalene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Nitroaniline, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	xNitroaniline 3-	EPA 625.1	50 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Nitroaniline, 4-	EPA 625.1	50 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrobenzene	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrophenol, 2-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrophenol, 4-	EPA 625.1	50 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	N-Nitrosodiphenylamine	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	N-Nitrosodipropylamine	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Pentachlorophenol	EPA 625.1	30 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Phenanthrene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Phenol	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Pyrene	EPA 625.1	20 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorobenzene, 1,2,4-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorophenol, 2,4,5-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorophenol, 2,4,6-	EPA 625.1	10 ug/mL		
Organics	SVOA	Semi-Volatile Organic Analytes	Acenaphthene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Acenaphthylene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Aniline	SW-846 8270D		660 ug/Kg	

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Organics	SVOA	Semi-Volatile Organic Analytes	Anthracene	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(a)anthracene	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(a)pyrene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(b)fluroanthene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(g,h,i)perylene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzo(k)fluoranthene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzocic acid	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Benzyl alcohol	SW-846 8270D		1300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chlorethyl)ether	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chloroethoxy)methane	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-chloroisopropyl)ether	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Bis(2-ethylhexyl)phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Bromophenyl phenyl ether, 4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Butylbenzyl phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Chloro-3-Methylphenol, 4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	4-Chloroaniline	SW-846 8270D		1300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Chloronaphthalene, 2-	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Chlorophenol, 2-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Chlorophenyl phenyl ether, 4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Chrysene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dibenzo(a,h)anthracene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dibenzofuran	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,2-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,3	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzene, 1,4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorobenzidine, 3,3'	SW-846 8270D		1300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dichlorophenol, 2,4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Diethyl phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dimethyl phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dimethylphenol, 2,4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Di-n-butyl phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitro-2-Methylphenol, 4,6-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrophenol, 2,4-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrotoluene, 2,4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Dinitrotoluene, 2,6-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Di-n-octyl phthalate	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Fluoranthene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Fluorene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorobenzene (HCB)	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorobutadiene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachlorocyclopentadiene	SW-846 8270D		660 ug/Kg	

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Organics	SVOA	Semi-Volatile Organic Analytes	Hexachloroethane	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Indeno(1,2,3-cd)-Pyrene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Isophorone	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Methylnaphthalene, 2-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Methylphenol, 2-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Methylphenol, 4-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Naphthalene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Nitroaniline, 2-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	xNitroaniline 3-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Nitroaniline, 4-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrobenzene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrophenol, 2-	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Nitrophenol, 4-	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	N-Nitrosodiphenylamine	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	N-Nitrosodipropylamine	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Pentachlorophenol	SW-846 8270D		3300 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Phenanthrene	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Phenol	SW-846 8270D		660 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Pyrene	SW-846 8270D		20 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorobenzene, 1,2,4-	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorophenol, 2,4,5-	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Semi-Volatile Organic Analytes	Trichlorophenol, 2,4,6-	SW-846 8270D		10 ug/Kg	
Organics	SVOA	Deisel Range Total Petroleum Hydrocarbons	Deisel Range Total Petroleum Hydrocarbons	SW-846 8015 C	0.5 mg/L	14 mg/Kg	
Organics	VOA	Dioxane, 1,4-	Dioxane, 1,4-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Benzene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Bromobenzene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Bromochloromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Bromodichloromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Bromoform	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Bromomethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Butylbenzene, n-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Butylbenzene, sec-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Butylbenzene, t-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Carbon Tetrachloride	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chlorobenzene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chloroethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chloroform	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chloromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chlorotoluene, 2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Chlorotoluene, 4-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dibromo-3-Chloropropane, 1,2-	EPA 624.1	1 ug/L		

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Organics	VOA	Volatile Organic Analytes	Dibromochloromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dibromoethane, 1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dibromomethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichlorobenzene, (1,2)-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichlorobenzene, (1,3)-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichlorobenzene, (1,4)-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloroethane, 1,1-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloroethane, 1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloroethene, 1,1-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloroethene, cis-1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloroethene, trans-1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichlorofluoromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropane, 1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropane, 1,3-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropane, 2,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropene, cis-1,3-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropene, trans-1,3-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Dichloropropene, 1,1-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Ethylbenzene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Hexachlorobutadiene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Isopropylbenzene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Isopropyltoluene, p-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Methyl-t-butyl ether	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Methylene chloride	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Naphthalene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Propylbenzene, n-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Styrene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Tetrachloroethene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Tetrachloroethane, 1,1,1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Tetrachlorothane, 1,1,2,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Toluene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichlorobenzene, 1,2,3-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichlorobenzene, 1,2,4-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichloroethane, 1,1,1-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichloroethane, 1,1,2-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichloroethene	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichlorofluoromethane	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trichloropropane, 1,2,3-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trimethylbenzene, 1,2,4-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Trimethylbenzene, 1,3,5-	EPA 624.1	1 ug/L		
Organics	VOA	Volatile Organic Analytes	Vinyl Chloride	EPA 624.1	1 ug/L		

NC DEQ DWR WW/GW Chemistry Lab
QA/QC PQLs

Dept	Unit	Parameter	Analyte	Analysis Method	PQLs		
					Aqueous	Non-Aqueous	Tissue
Organics	VOA	Volatile Organic Analytes	Xylene, m,p-	EPA 624.1	2 ug/L		
Organics	VOA	Volatile Organic Analytes	Xylene, o-	EPA 624.1	1 ug/L		
Organics	VOA	Gasoline Range Total Petroleum Hydrocarbons	Gasoline Range Total Petroleum Hydrocarbons	SW-846 8015 C	0.2 mg/L	6 mg/Kg	