



IDAHO DEPARTMENT OF
HEALTH & WELFARE

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Under section 56-1003, Idaho Code, the Idaho Legislature has delegated to the Board of Health and Welfare (Board) the authority to set standards for laboratories in the State of Idaho. The Idaho Department of Health and Welfare Bureau of Laboratories (IBL) works in partnership with the Idaho Department of Environmental Quality Drinking Water Program to enforce the Safe Drinking Water Act of 1977 on behalf of the U.S. Environmental Protection Agency in Region 10. The Bureau of Laboratories serves as both the Principal State Laboratory for the Drinking Water Program and has been delegated authority by the Board to certify or grant reciprocity to drinking water laboratories according to the rules outlined in IDAPA 16.02.13, "State of Idaho Drinking Water Laboratory Certification Program".

Laboratories seeking certification or reciprocity to become a certified drinking water laboratory in Idaho must submit a departmentally approved application (enclosed) with the requested discipline specific supporting materials to the appropriate Certification Officer(s) at IBL. The materials will be reviewed for compliance and certification will be granted if they are found to be acceptable.

Sincerely,

Christopher L. Ball, Ph.D., HCLD (ABB)
Certification Authority for the State of Idaho

Enclosure

**IDAHO DEPT. OF HEALTH AND WELFARE
Bureau of Laboratories**

**Application for
Certification of Laboratory to Perform Testing
Procedures on Public Drinking Water Supplies**

For -

Name: _____

Address: _____

Authorized Representative: _____

Owner(s) of Record: (include entity, subsidiary information, major stockholders, etc.)

Telephone Number: _____ Facsimile Number: _____

EPA Laboratory ID: _____ Application Type : New Renewal

E-mail Address (if applicable): _____

Please ensure the following items are enclosed in your application packet. Applications will not be processed unless all information is included in the application packet.

- ✓ Completed cover page (this page)
- ✓ Parameter request page
- ✓ Method Detection Limit Worksheet
- ✓ Personnel Qualifications Disclosure Worksheet
- ✓ Instrument Specifications Worksheet
- ✓ Laboratory Quality Assurance Plan (Manual)- identified with the year of submission {in electronic format if possible}.
- ✓ Acceptable Performance Evaluation Results for each method and analyte requested for certification (If not previously received by the Bureau of Laboratories directly from the PE Provider)

The above mentioned laboratory has hereby given notice of their intent to pursue Drinking Water Laboratory Certification in the State of Idaho. The above mentioned laboratory has compiled the necessary information as requested in this application packet and requests evaluation of the material and scheduling of an on-site facilities inspection. The laboratory agrees to abide by the requirements of the Safe Drinking Water Act (SDWA, 1977) and subsequent amendments, the Manual for the Certification of Laboratories Analyzing Drinking Water (U.S. EPA), data reporting requirements of the Idaho Department of Environmental Quality, and the laboratory certification policies of the Idaho Department of Health and Welfare, Bureau of Laboratories. Failure to comply with the requirements listed in any of these sources is grounds for denial or revocation of Drinking Water Certifications.

Signed: _____ Date: _____

(Authorized Representative)

PARAMETER REQUEST (Required to process application. Check each method you wish to receive certification for.) Please refer to 40 CFR Part 141 for approved method versions.

Primary Inorganic Chemicals including Lead and Copper Rule

Contaminant	Method	EPA	ASTM	Standard M.	Other (Specify)
Antimony	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	Hydride-AA		<input type="checkbox"/> D3697-92		
	AA-Furnace			<input type="checkbox"/> 3113B	
Arsenic	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace		<input type="checkbox"/> D2972-97C	<input type="checkbox"/> 3113B	
	Hydride-AA		<input type="checkbox"/> D2972-97B	<input type="checkbox"/> 3114B	
Asbestos	TEM	<input type="checkbox"/> 100.1			
	TEM	<input type="checkbox"/> 100.2			
Barium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7		<input type="checkbox"/> 3120B	
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Direct			<input type="checkbox"/> 3111D	
	AA-Furnace			<input type="checkbox"/> 3113B	
Beryllium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7		<input type="checkbox"/> 3120B	
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace		<input type="checkbox"/> D3645-97B	<input type="checkbox"/> 3113B	
Cadmium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7			
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace			<input type="checkbox"/> 3113B	
Chromium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7		<input type="checkbox"/> 3120B	
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace			<input type="checkbox"/> 3113B	
Copper	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7		<input type="checkbox"/> 3120B	
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Direct		<input type="checkbox"/> D1688-95A	<input type="checkbox"/> 3111B	
	AA-Furnace		<input type="checkbox"/> D1688-95C	<input type="checkbox"/> 3113B	
Cyanide	Man. Distillation followed by: ...Spec. (amenable to chlorination)...			4500-CN ⁻ C	
	...Spec. Manual.....		<input type="checkbox"/> D2036-98A+B	<input type="checkbox"/> 4500-CN ⁻ G+E	
	Semi-auto	<input type="checkbox"/> 335.4	<input type="checkbox"/> D2036-98A	<input type="checkbox"/> 4500-CN ⁻ E	
	Free CN ⁻ , GC/MS Headspace				<input type="checkbox"/> ME355.01
	Ligand Exch. & Amperometry		<input type="checkbox"/> D6888-04		
	Free CN ⁻ , Ion Sel. Elec.(ISE)			<input type="checkbox"/> 4500-CN ⁻ F	
Fluoride	Ion Chromatography	<input type="checkbox"/> 300.0	<input type="checkbox"/> D4327-97	<input type="checkbox"/> 4110B	<input type="checkbox"/> EPA300.1
	Manual Distill. SPADNS			<input type="checkbox"/> 4500-F ⁻ B+D	
	Manual ISE		<input type="checkbox"/> D1179-93B	<input type="checkbox"/> 4500-F ⁻ C	
	Automated ISE				<input type="checkbox"/> 380-75WE
	Auto. Alizarin			<input type="checkbox"/> 4500-F ⁻ E	
	Capillary Ion Electrophoresis		<input type="checkbox"/> D6508-00		

PARAMETER REQUEST (Continued)

Primary Inorganic Chemicals including Lead and Copper Rule

Contamina	Method	EPA	ASTM	Standard M.	Other (Specify)
Lead	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace		<input type="checkbox"/> D3559-96D	<input type="checkbox"/> 3113B	
Mercury	AA-Manual Cold Vapor	<input type="checkbox"/> 245.1	<input type="checkbox"/> D3223-97	<input type="checkbox"/> 3112B	
	AA-Automated Cold Vapor	<input type="checkbox"/> 245.2			
	ICP-MS	<input type="checkbox"/> 200.8			
Nickel	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7		<input type="checkbox"/> 3120B	
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace			<input type="checkbox"/> 3113B	
	AA-Direct			<input type="checkbox"/> 3111B	
Nitrate	Ion Chromatography	<input type="checkbox"/> 300.0	<input type="checkbox"/> D4327-97	<input type="checkbox"/> 4110B	
	Ion Chromatography	<input type="checkbox"/> 300.1			
	Auto Cd Reduction	<input type="checkbox"/> 353.2	<input type="checkbox"/> D3867-90A	<input type="checkbox"/> 4500-NO ₃ F	
	Man Cd Reduction		<input type="checkbox"/> D3867-90B	<input type="checkbox"/> 4500-NO ₃ E	
	Ion Selective Elec.			<input type="checkbox"/> 4500-NO ₃ D	
	Capillary Ion Electrophoresis		<input type="checkbox"/> D6508-00		
Nitrite	Ion Chromatography	<input type="checkbox"/> 300.0	<input type="checkbox"/> D4327-97	<input type="checkbox"/> 4110B	
	Ion Chromatography	<input type="checkbox"/> 300.1			
	Auto Cd Reduction	<input type="checkbox"/> 353.2	<input type="checkbox"/> D3867-90A	<input type="checkbox"/> 4500-NO ₃ F	
	Man Cd Reduction		<input type="checkbox"/> D3867-90B	<input type="checkbox"/> 4500-NO ₃ E	
	Capillary Ion Electrophoresis		<input type="checkbox"/> D6508-00		
	Spectrophotometric			<input type="checkbox"/> 4500-NO ₂ B	
Selenium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
	AA-Furnace		<input type="checkbox"/> D3859-98B	<input type="checkbox"/> 3113B	
	Hydride-AA		<input type="checkbox"/> D3859-98A	<input type="checkbox"/> 3114B	
Sodium	ICP (axially viewed)	<input type="checkbox"/> 200.5			
	ICP (radially or axially viewed)	<input type="checkbox"/> 200.7			
	AA-Direct			<input type="checkbox"/> 3111B	
	Ion Chromatography		<input type="checkbox"/> D6919-03		
Thallium	ICP-MS	<input type="checkbox"/> 200.8			
	AA-Platform	<input type="checkbox"/> 200.9			
Turbidity	Nephelometric	<input type="checkbox"/> 180.1		<input type="checkbox"/> 2130B	

Disinfectants and Disinfection Byproducts

Contaminant	Method	EPA	ASTM	Standard M.	Other (Specify)	MRL
Bromate	IC	<input type="checkbox"/> 300.1	<input type="checkbox"/> D6581-00	<input type="checkbox"/> ASTM D6581-08A	<input type="checkbox"/> ASTM D6581-08B	5 µg/L
	IC with PCR	<input type="checkbox"/> 317.0				1 µg/L
	IC with PCR	<input type="checkbox"/> 326.0				
	IC/ICP/MS	<input type="checkbox"/> 321.8				
	2-D IC	<input type="checkbox"/> 302.0				
	IC/EIS/MS/MS	<input type="checkbox"/> 557				
Chlorite	IC	<input type="checkbox"/> 300.0				50 µg/L
	IC	<input type="checkbox"/> 300.1	<input type="checkbox"/> D6581-00	<input type="checkbox"/> ASTM D6581-08A	<input type="checkbox"/> ASTM D6581-08B	
	IC with PCR	<input type="checkbox"/> 317.0				
	IC with PCR	<input type="checkbox"/> 326.0				
Haloacetic Acids (HAA5)		<input type="checkbox"/> 552.1	<input type="checkbox"/> EPA 552.2	<input type="checkbox"/> 6251B	<input type="checkbox"/> EPA 552.3	
Total Trihalomethanes (TTHMs)		<input type="checkbox"/> 502.2	<input type="checkbox"/> EPA 524.2	<input type="checkbox"/> EPA 524.3	<input type="checkbox"/> EPA 551.1	

Radionuclides (specify each method you wish to receive certification for.)

Contaminant	Method		
Gross Alpha	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gross Beta	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radium 226	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radium 228	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Uranium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PARAMETER REQUEST (Continued)
Volatile Organic Compounds

Contaminant	Method			
Benzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Carbon tetrachloride	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	<input type="checkbox"/> 551.1
Chlorobenzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,2-Dichlorobenzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,4-Dichlorobenzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,2-Dichloroethane	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
cis-1,2-Dichloroethylene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
trans-1,2-Dichloroethylene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Dichloromethane	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,2-Dichloropropane	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Ethylbenzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Styrene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Tetrachloroethylene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	<input type="checkbox"/> 551.1
1,1,1-Trichloroethane	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	<input type="checkbox"/> 551.1
Trichloroethylene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	<input type="checkbox"/> 551.1
Toluene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,2,4-Trichlorobenzene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,1-Dichloroethylene	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
1,1,2-Trichloroethane	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	<input type="checkbox"/> 551.1
Vinyl chloride	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	
Xylenes (total)	<input type="checkbox"/> 502.2	<input type="checkbox"/> 524.2	<input type="checkbox"/> 524.3	

PARAMETER REQUEST (Continued)
Synthetic Organic Compounds

Contaminant	Method				
2,4-D	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.2	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 555
	<input type="checkbox"/> ASTM D5317-93		<input type="checkbox"/> ASTM D5317-98		<input type="checkbox"/> SM 6640B
Alachlor	<input type="checkbox"/> 505	<input type="checkbox"/> 507	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Atrazine	<input type="checkbox"/> 505	<input type="checkbox"/> 507	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
	<input type="checkbox"/> Syngenta AG-625				
Benzo(a)pyrene	<input type="checkbox"/> 525.2		<input type="checkbox"/> 550	<input type="checkbox"/> 550.1	
Carbofuran	<input type="checkbox"/> 531.1		<input type="checkbox"/> 531.2		<input type="checkbox"/> SM 6610 B
Chlordane	<input type="checkbox"/> 505		<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2
Dalapon	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 552.1	<input type="checkbox"/> 552.2
	<input type="checkbox"/> 552.3		<input type="checkbox"/> 557		<input type="checkbox"/> SM 6640 B
Di(2-ethylhexyl)adipate	<input type="checkbox"/> 506			<input type="checkbox"/> 525.2	
Di(2-ethylhexyl)phthalate	<input type="checkbox"/> 506			<input type="checkbox"/> 525.2	
Dibromochloropropane (DBCP)	<input type="checkbox"/> 504.1		<input type="checkbox"/> 524.3		<input type="checkbox"/> 551.1
Dinoseb	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.2	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 555
	<input type="checkbox"/> SM 6640 B				
Dioxin (2,3,7,8-TCDD)	<input type="checkbox"/> 1613				
Diquat	<input type="checkbox"/> 549.2				
Endothall	<input type="checkbox"/> 548.1				
Endrin	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Ethylene Dibromide (EDB)	<input type="checkbox"/> 504.1		<input type="checkbox"/> 524.3		<input type="checkbox"/> 551.1
Glyphosate	<input type="checkbox"/> 547		<input type="checkbox"/> SM 6651		<input type="checkbox"/> SM 6651B
Heptachlor	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Heptachlor Epoxide	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Hexachlorobenzene	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Hexachlorocyclopentadiene	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Lindane	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Methoxychlor	<input type="checkbox"/> 505	<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
Oxamyl	<input type="checkbox"/> 531.1		<input type="checkbox"/> 531.2		<input type="checkbox"/> SM 6610 B
PCBs (as decachlorobiphenyl)	<input type="checkbox"/> 508A				
PCBs (screen only)	<input type="checkbox"/> 505		<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2
Pentachlorophenol	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.2	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 525.2
	<input type="checkbox"/> 555		<input type="checkbox"/> ASTM D5317-93		<input type="checkbox"/> ASTM D5317-98
Picloram	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.2	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 555
	<input type="checkbox"/> ASTM D5317-93		<input type="checkbox"/> ASTM D5317-98		<input type="checkbox"/> SM 6640 B
Simazine	<input type="checkbox"/> 505	<input type="checkbox"/> 507	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2	<input type="checkbox"/> 551.1
2,4,5-TP (Silvex)	<input type="checkbox"/> 515.1	<input type="checkbox"/> 515.2	<input type="checkbox"/> 515.3	<input type="checkbox"/> 515.4	<input type="checkbox"/> 555
	<input type="checkbox"/> ASTM D5317-93		<input type="checkbox"/> ASTM D5317-98		<input type="checkbox"/> SM 6640 B
Toxaphene	<input type="checkbox"/> 505		<input type="checkbox"/> 508	<input type="checkbox"/> 508.1	<input type="checkbox"/> 525.2

METHOD DETECTION LIMIT WORKSHEET

(Make additional copies if multiple methods are employed for any analytes)

Inorganics	Method	Required Method Detection Limit (mg/l)*	MDL Required to Composite (mg/l)	Lab MDL (40CFR 136)	MDL Iterated? (Y / N)	Low Level Verification** (mg/l)
Antimony		0.006	0.001			
Arsenic		0.01	0.002			
Asbestos		7.00 MFL	1.40 MFL			
Barium		2.00	0.40			
Beryllium		0.0040	0.0008			
Bromate		0.010	NA			
Cadmium		0.005	0.001			
Chlorite		1.00	NA			
Chromium		0.10	0.02			
Copper		1.30	0.001 0.02 (for direct aspiration AA)			
Cyanide		0.20	0.04			
Fluoride		4.00	0.80			
Lead		0.015	0.001			
Mercury		0.0020	0.0004			
Nitrate		10.0	2.00			
Nitrite		1.00	0.20			
Selenium		0.05	0.01			
Thallium		0.0020	0.0004			

* The monitoring trigger for inorganics is the MCL except for nitrate and nitrite, which are ½ the MCL

** List level of standard used to iterate 40CFR 136 calculated MDL. If iteration was not performed, list the lowest calibration standard routinely analyzed or the concentration of the QA/QC sample used to verify the ability to quantify a low level detection.

METHOD DETECTION LIMIT WORKSHEET
(Make additional copies if multiple methods are employed for any analytes)

Volatiles Organics	Method	Required MDL (µg/l) *	Lab MDL (40CFR 136) (µg/l)	40CFR 136 MDL Iterated? (Y / N)	Low Level Verification ** (µg/l)
Benzene		0.50			
Carbon tetrachloride		0.50			
Chlorobenzene		0.50			
o-Dichlorobenzene		0.50			
p-Dichlorobenzene		0.50			
1,2-Dichloroethane		0.50			
1,1-Dichloroethylene		0.50			
c-1,2-Dichloroethylene		0.50			
t-1,2-Dichloroethylene		0.50			
Dichloromethane		0.50			
1,2-Dichloropropane		0.50			
Ethylbenzene		0.50			
Styrene		0.50			
Tetrachloroethylene		0.50			
Toluene		0.50			
1,2,4-Trichlorobenzene		0.50			
1,1,1-Trichloroethane		0.50			
1,1,2-Trichloroethane		0.50			
Trichloroethylene		0.50			
Vinyl chloride		0.50			
Xylenes		0.50			
Trihalomethanes (Individually)		0.50			

* A laboratory must be able to achieve the MDL listed to be certified to analyze samples for compliance monitoring [§141.24(f)(17)(i)(E) and (ii)(C)]. This is also the monitoring trigger for VOCs [§141.24(f)(11)].

** List level of standard used to iterate 40CFR 136 calculated MDL. If iteration was not performed, list the lowest calibration standard routinely analyzed or the concentration of the QA/QC sample used to verify the ability to quantify a low level detection.

METHOD DETECTION LIMIT WORKSHEET

(Make additional copies if multiple methods are employed for any analytes)

SOCs	Method	MCL (µg/l)	Monitoring Trigger* (µg/l)	Lab MDL (40CFR 136) (µg/l)	MDL Iterated? (Y / N)	Low Level Verification** (µg/l)
Alachlor		2.00	0.44			
Atrazine		3.00	0.20			
Benzo(a)pyrene		0.20	0.044			
Carbofuran		40.0	1.98			
Chlordane		2.00	0.44			
2,4-D		70.0	0.22			
Di(2-ethylhexyl)adipate		400.0	1.32			
Di(2-ethylhexyl)phthalate		6.00	1.32			
Dibromochloropropane (DBCP)		0.20	0.044			
Dioxin (2,3,7,8-TCDD)		0.0003	0.000011			
Dalapon		200.0	2.20			
Dinoseb		7.00	0.44			
Diquat		20.0	0.88			
Endothall		100.0	19.8			
Endrin		2.00	0.022			
Ethylenedibromide (EDB)		0.05	0.022			
Glyphosate		700.0	13.2			
Heptachlor		0.40	0.088			
Heptachlor Epoxide		0.20	0.044			
Hexachlorobenzene		1.00	0.22			
Hexachlorocyclopentadiene		50.0	0.22			
Haloacidic Acids (HAA5)		60.0	NA			
Lindane		0.20	0.044			
Methoxychlor		40.0	0.22			
Oxamyl		200.0	4.40			
PCBs (as decachlorobiphenyl)		0.50	0.22			
Pentachlorophenol		1.00	0.088			
Picloram		500.0	0.22			
Simazine		4.00	0.154			
Toxaphene		3.00	2.20			
2,4,5-TP (Silvex)		50.0	0.44			

* The monitoring triggers for SOC's listed in the regulation are only required for compositing [§141.24(g)(7),(10)(i) and (18)].

** List level of standard used to iterate 40CFR 136 calculated MDL. If iteration was not performed, list the lowest calibration standard routinely analyzed or the concentration of the QA/QC sample used to verify the ability to quantify a low level detection.

PERSONNEL QUALIFICATIONS DISCLOSURE
(Resumes may not be substituted)

Position/ Title	Name	Education Level Degree/Major*	Years Experience in Drinking Water Testing
Laboratory Director			
Laboratory Manager			
Supervisor – Inorganic Chemistry			
Supervisor – Organic Chemistry			
Quality Assurance Officer			

Position/ Title	Name	Education Level Degree/Major*	Specialized Training Received (Relating to specialty)	Years Experience in Drinking Water Testing	Responsibilities (List tests)
Instrument Operators					
AA – Furnace or Direct Aspiration					
Inductively Coupled Plasma - AES					
Inductively Coupled Plasma – MS					
Ion Chromatograph					
Flow Injection / Segmented Flow Analyzer					
Gas Chromatograph					
Gas Chrom. / Mass Specific Detector					
High Performance Liquid Chromatograph					
Other analysts					

*If the major is not in chemistry, list hours of college level courses in chemistry.

