



Colorado Department of Public Health and Environment Compliance Assurance & Data Management Unit

Colorado Department
of Public Health
and Environment

REPORTING FORM FOR ORGANIC CONTAMINANTS ANALYSES

SAMPLER: FILL OUT ONE FORM FOR EACH SAMPLE

Are these results to be used to fulfill compliance monitoring requirements? YES or NO

Is this a check or confirmation sample? YES NO

PWSID CO0 _____ COUNTY: _____ DATE COLLECTED: ___ / ___ / ___

SYSTEMS NAME: _____

SYSTEM MAILING ADDRESS: _____

Street address/PO Box CITY STATE ZIP

CONTACT PERSON: _____ PHONE: (____) _____

SAMPLE COLLECTED BY: _____ TIME COLLECTED: _____ am/pm

ENTRY POINT (Finished Water) SAMPLE SOURCE WATER SAMPLE

FOR ENTRY POINT SAMPLE PLEASE INDICATE: Chlorinated Other Treatment
Finished—Not Treated (No chlorine or other treatment)

STATE ENTRY POINT CODE: EP _____ SOURCE(S) REPRESENTED: _____

DO SAMPLES NEED TO BE COMPOSITED BY THE LABORATORY? YES NO

NOTE: CHECK OR CONFIRMATION SAMPLES CANNOT BE COMPOSITED

For Laboratory Use Only Below This Line

LABORATORY SAMPLE #: _____ CLIENT NAME or ID# _____

LABORATORY NAME _____ LAB PHONE #: (____) _____

DATE RECEIVED IN LABORATORY ___ / ___ / ___ DATE ANALYZED: _____

COMMENTS: _____

Laboratory Number: _____ PWSID CO0 _____

REGULATED PHASE I, II, V ORGANIC CHEMICALS - VOCs

UNITS MUST BE REPORTED IN µg/L

CONTAMINANT	CAS#	RESULT µg/L	MCL µg/L	STANDARD METHOD	Lab Report Limit µg/L	Lab MDL µg/L	BLANK RESULT
1,1-Dichloroethylene	75-35-4		7				
1,1,1-Trichloroethane	71-55-6		200				
1,1,2-Trichloroethane	79-00-5		5				
1,2,-Dichloroethane	107-06-2		5				
1,2,-Dichloropropane	78-87-5		5				
1,2,4-Trichlorobenzene	120-82-1		70				
Benzene	71-43-2		5				
Carbon tetrachloride	56-23-5		5				
cis-1,2-Dichloroethylene	156-59-2		70				
Dichloromethane	75-09-2		5				
Ethylbenzene	100-41-4		700				
Monochlorobenzene	108-90-7		100				
o-Dichlorobenzene	95-50-1		600				
Para-Dichlorobenzene	106-46-7		75				
Styrene	100-42-5		100				
Tetrachloroethylene	127-18-4		5				
Toluene	108-88-3		1,000				
trans-1,2-Dichloroethylene	156-60-5		100				
Trichloroethylene	79-01-6		5				
Vinyl chloride	75-01-4		2				
Xylenes (total)	1330-20-7		10,000				

UNREGULATED ORGANIC CHEMICALS - VOCs

UNITS MUST BE REPORTED IN µg/L

CONTAMINANT	CAS#	RESULT µg/L	MCL µg/L	STANDARD METHOD	Lab Report Limit µg/L	Lab MDL µg/L	BLANK RESULT
1,1-Dichloroethane	75-34-3						
1,1-Dichloropropene	563-58-6						
1,1,1,2-Tetrachloroethane	630-20-6						
1,1,2,2-Tetrachloroethane	79-34-5						
1,2,3-Trichlorobenzene	87-61-6						
1,2,3-Trichloropropane	96-18-4						
1,2,4-Trimethylbenzene	96-63-6						
1,3-Dichloropropane	142-28-9						
1,3-Dichloropropene	542-75-6						
1,3,5-Trimethylbenzene	108-67-8						
2,2-Dichloropropane	590-20-7						
Bromobenzene	108-86-1						
Bromochloromethane	74-97-5						
Bromomethane	74-83-9						
Chloroethane	75-00-3						
Chloromethane	74-87-3						
Dibromomethane	74-95-3						
Dichlorodifluoromethane	75-71-8						
Fluorotrichloromethane	75-69-4						
Hexachlorobutadiene	87-68-3						
Isopropylbenzene	98-82-8						
m-Dichlorobenzene	541-73-1						
Naphthalene	91-20-3						
n-Butylbenzene	104-51-8						
n-Propylbenzene	103-65-1						
o-Chlorotoluene	95-49-8						
p-Chlorotoluene	106-43-4						
p-Isopropyltoluene	99-87-6						
Sec-butylbenzene	135-98-8						
Tert-butylbenzene	98-06-6						

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THMs							
Bromodichloromethane	75-27-4						
Bromoform	75-25-2						
Chlorodibromomethane	124-48-1						
Chloroform	67-66-3						

REGULATED PHASE I, II, V ORGANIC CHEMICALS - SOCs
UNITS MUST BE REPORTED IN µg/L

CONTAMINANT	CAS#	RESULT µg/L	MCL µg/L	STANDARD METHOD	Lab Report Limit µg/L	Lab MDL µg/L	BLANK RESULT
Dioxin	1746-01-6		0.00003				
2,4,-D	94-75-7		70				
2,4,5,-TP	93-72-1		50				
Alachlor	15972-60-8		2				
Atrazine	1912-24-9		3				
Benzo(a)pyrene	50-32-8		0.2				
Carbofuran	1563-66-2		40				
Chlordane	57-74-9		2				
Dalapon	75-99-0		200				
Dibromochloropropane	96-12-8		0.2				
Dinoseb	85-85-7		7				
Diquat	85-00-7		20				
Di(2-ethylhexyl)adipate	103-23-1		400				
Di(2-ethylhexyl)phthalate	117-81-7		6				
Endothall	145-73-3		100				
Endrin	72-20-8		2				
Ethylene dibromide	106-93-4		0.05				
Glyphosate	1071-83-6		700				
Heptachlor	76-44-8		0.4				
Heptachlor epoxide	1024-57-3		0.2				
Hexachlorobenzene	118-74-1		1				
Hexachlorocyclopentadiene	77-47-4		50				
Lindane	58-89-9		0.2				
Methoxychlor	72-43-5		40				

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Oxamyl	23135-22-0		200				
Pentachlorophenol	87-86-5		1				
Picloram	1918-02-1		500				
Polychlorinated biphenyl's	1336-36-3		0.5				
Simazine	122-34-9		4				
Toxaphene	8001-35-2		3				

UNREGULATED ORGANIC CHEMICALS - SOCs
UNITS MUST BE REPORTED IN µg/L

CONTAMINANT	CAS#	RESULT µg/L	MCL µg/L	STANDARD METHOD	Lab Report Limit µg/L	Lab MDL µg/L	BLANK RESULT
3-Hydroxycarbofuran	(Unk)						
Aldicarb	116-06-3						
Aldicarb sulfone	1646-88-4						
Aldicarb sulfoxide	1646-87-3						
Aldrin	309-00-2						
Butachlor	23184-66-9						
Carbaryl	63-25-2						
Dicamba	1918-00-9						
Dieldrin	60-57-1						
Methomyl	16752-77-5						
Metolachlor	51218-45-2						
Metribuzin	21087-64-9						
Propachlor	1918-16-7						

Codes used:

NT = Not tested for compound
 Lab MDL = Laboratory Method Detection Level

µg/L = Micrograms per liter MCL = Maximum Contaminant Level
 BDL = Indicates that the compound was analyzed for, but was below the Lab MDL.
 Lab Report Limit = Level of Quantitation (LOQ).

Laboratory Results Reviewed & Approved by _____

Title _____

Date _____

MAIL RESULTS TO: CDPHE, WQCD-CADM B-2
 4300 Cherry Creek Drive South
 Denver, CO 80246-1530

FAX: 303-758-1398

INSTRUCTIONS AND EXAMPLES****DO NOT TAKE SAMPLE FROM HOSES OR THROUGH SCREENS*********DO NOT take your sample in the DISTRIBUTION SYSTEM*******SAMPLER:**

- Fill out one form for each sample
 - Fully complete the upper portion of the "REPORTING FORM FOR ORGANIC CONTAMINANTS ANALYSIS" and submit it to the laboratory with the filled sample bottle.
 - Label each bottle correctly and completely. Please be sure you use the same description you used on the paperwork.
1. **Are these results to be used to fulfill compliance-monitoring requirements?** Check YES or NO
 2. **Is this sample a check or confirmation sample?** Check YES or NO
 3. **Enter the following information in the appropriate blanks:**
 - PWSID Number
 - County
 - Date of Sample Collection
 - Systems Name
 - System Mailing Address
 - Contact Person's Name and Phone Number
 - Sampler's Name
 - Time Collected
 4. **Indicate if this is a finished water sample or a source water sample** (source water samples **cannot** be used for compliance). Compliance sampling points are always after all treatment and blending and before the first customer. Any exception must be approved in writing from the Organic Chemical Contaminants Rule Manager. If your system does not treat the water from deep-water wells, the finished and source sampling points may be the same. For compliance purposes, check the box for "Finished—Not Treated."
 5. **For Finished Water Samples Check the Appropriate Box**
 - Chlorinated
 - Other Treatment
 - Finished—Not Treated (No Chlorine or Other Treatment) (i.e., deep-water wells that have no disinfection)
 6. **Enter the State Entry Point Code:** ALWAYS use state assigned facility id numbers. These are located on your annual monitoring schedule.
 7. **List the Source(s) Represented**

Examples for numbers 6 and 7 above:

(6) SAMPLING POINTS

EP-001
 EP-002T
 EP-003T

(7) SOURCE(S)

001-Well #1 (no treatment added)
 009-Clorinator for North spring
 007, 010, 011-North well Field Clearwell

It is important that you have a sampling tap at each entry point to the distribution system (EPTDS). If your system does not have a sampling tap at each EPTDS, every effort should be made to have one installed as soon as possible.

COMPOSITING:

- The regulations allow the **LABORATORY**, at your request, to composite more than one source, into one sample. (See below). You must indicate that you want the laboratory to do this **for you**. This will reduce the overall cost of the monitoring, but the laboratory may add some additional fees to cover the costs of the additional sample bottle preparation and the compositing procedure.
- If compositing, please describe all sampling points (including state assigned ID numbers) being composited. If more than one system/establishment is compositing, include PWSID# for each system. Systems with a population **greater than 3,300** may NOT composite with another system.
- Up to **FIVE (5) samples** can be composited for Organic Contaminants, ensure your laboratory can meet the required detection levels of 1/5th the MCL.
- **Check or Confirmation samples CANNOT be composited!**
- If a contaminant is detected in a composited sample, you may be required to resample. If you are required to resample, each entry point must be sampled and analyzed separately.

If you have an unusual situation that we have not covered in these instructions, or you have other sampling questions please call (303)

692-3547 to speak with the Organic Contaminants Drinking Water Rule Manager.