



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102

**SYNTHETIC ORGANIC CONTAMINANTS (SOC)
REDUCED MONITORING & WAIVER APPLICATION**

Group A: Analytical results required; Waiver or reduced sampling requested (indicate frequency):			
Compound	No prior detections; Waiver request	Prior detections; No detects within last 3Y; 3Y reduction request	Detected within last 3Y; < 20% MCL; 1Y reduction request
Alachlor			
Benzo(a) pyrene			
Carbofuran			
Dalapon			
Di(2-ethylhexyl) adipate			
Di(2-ethylhexyl) phthalate			
Diquat			
Endothal			
Glyphosphate			
Lindane			
Methoxychlor			
Oxamyl (Vydate)			
Picloram			
Polychlorinated biphenyls (PCBs)			
Simazine			

Group B: No analytical results required; novennial waiver requested:			
X	2,3,7,8-TCDD (Dioxin)	X	Heptachlor
X	2,4,5 Trichlorophenoxypropionic	X	Heptachlor epoxide
X	Dinoseb	X	Hexachlorobezene
X	Endrin	X	Hexachlorocyclopentadiene
X	Ethylene Dibromide	X	Toxaphene

Group C: Analytical results obtained; reduced monitoring requested for (indicate requested frequency):	
Atrazine ___ 1Y or ___ 3Y	2,4-D ___ 1Y or ___ 3Y or ___ 9Y waiver (true GW sources only)

CERTIFICATION & ACKNOWLEDGEMENT OF CONDITIONS

On behalf of the water system named below, I hereby certify, to the best of my knowledge upon a reasonable investigation (select all that apply):

___ The Synthetic Organic Compounds (SOCs) selected for waivers are not present in manufacturing, storage, transport, spillage, disposal, or general use within the area of the source water intake, well, or spring of the water system named below.



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___ I request a monitoring waiver for the SOC's selected in Groups A which have not been detected and request a reduced monitoring schedule for those which have been detected or known to be used within the zone of influence.

___ I request a sampling waiver for three years for the SOC's selected in Groups A and B above and acknowledge that this waiver, if granted, can be extended upon reapplication to two subsequent triennial periods for a total length of 9 years.

___ No PCBs are known to be in any equipment used in the production, storage, or distribution of water.

On behalf of the water system named below, I acknowledge that (select all that apply):

___ All applicable analytical results required to support this request are provided with this application.

___ This application must be submitted on or before October 31st the year before the next scheduled monitoring event.

___ If this waiver is not granted before the system's compliance period begins, then the system will be required to follow the default monitoring schedule pursuant to R. 0400-45-01-.10 (provided, in part, on the third page of this form).

___ This waiver, if granted, can be extended upon reapplication to a maximum of two subsequent triennial periods.

___ Any change to source water and any change in condition related to presence or use of the selected SOC's in the source water must be reported.

___ This waiver is conditional and any change to new source water may require a return to initial sampling before a new waiver application can be submitted.

___ This waiver is conditional and may be invalidated upon discovery of manufacturing, storage, transport, spillage, disposal, or general use of the selected SOC's within the area of our source water intake, well, or spring.

___ Even if a waiver is granted for Group A or C compounds, sampling shall be conducted at least once per sampling cycle and completed on the same cycle year within each compliance period. Laboratory analysis shall be conducted on each entry point to the distribution system during normal operations within the growing season occurring April – June after a 1" rainfall event.

___ If the system fails to sample within the required timeframe and timely submit results and application the system will be required to conduct standard sampling in accordance with Rule 0400-45-01-.10(1)(d)2-3, even with no prior detections, during the growing periods until a new application is submitted and approved in advance of the next subsequent compliance period.

Water system name: _____ PWSID: TN000

Print name: _____

Signature: _____ Date: _____

Email address: _____

Return form with supporting laboratory analysis to: Drinking Water Compliance, Tennessee Tower 11th Floor, 312 Rosa L. Parks Ave., Nashville, TN 37243 or via email DWRwater.compliance@tn.gov.



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Standard sampling requirements if waiver is not timely submitted:

0400-45-01-.10 ORGANIC CHEMICAL SAMPLING AND ANALYTICAL REQUIREMENTS

(1)...

(d) Monitoring frequency:

...

2. Systems serving more than 3,300 persons which do not detect a contaminant in the initial compliance period, may reduce the sampling frequency to a minimum of two quarterly samples in one year during each repeat compliance period.

3. Systems serving 3,300 or less persons which do not detect a contaminant in the initial compliance period may reduce the sampling frequency to a minimum of one sample during each repeat compliance period.

...

Reduced sampling requirements for detected SOC's:

0400-45-01-.10 ORGANIC CHEMICAL SAMPLING AND ANALYTICAL REQUIREMENTS

(1)...

(g) If an organic contaminant listed in paragraph (2) of Rule 0400-45-01-.06 is detected (as defined by subparagraph (r) of this paragraph) in any sample, then:

1. Each system must monitor quarterly at each sampling point which resulted in a detection.

2. The Department may decrease the quarterly monitoring requirement specified in part 1 of this subparagraph provided it has determined that the system is below the maximum contaminant level. In no case shall the Department make this determination unless a groundwater system takes a minimum of two quarterly samples and a surface water system takes a minimum of four quarterly samples.

3. After the Department determines the system is below the maximum contaminant level the Department may allow the system to monitor annually. Systems which monitor annually must monitor during the quarter that previously yielded the highest analytical result.

4. If monitoring results in detection of one or more of certain related contaminants (aldicarb, aldicarb sulfone, aldicarb sulfoxide and heptachlor, heptachlor epoxide), then subsequent monitoring shall analyze for all related contaminants.

(h) Systems which violate the maximum contaminant levels for organics must monitor quarterly. After a minimum of four quarterly samples show the system is in compliance and the Department determines the system is below the MCL, the system shall monitor at the frequency specified in part (g)3. of this paragraph.

Tenn. Comp. R. & Regs. R. 0400-45-01-.10