§ 141.520
prior to March 15, 2002 are not subject
to this requirement.

ADDITIONAL WATERSHED CONTROL RE-
QUIREMENTS FOR UNFILTERED SYS-
TEMS

§ 141.520 Is my system subject to the
current watershed control require-
ments?
If you are a subpart H system serving
fewer than 10,000 persons which does
not provide filtration, you must con-
tinue to comply with all of the filtra-
tion avoidance criteria in §141.71, as
well as the additional watershed con-
trol requirements in §141.521.

§ 141.521 What updated watershed
control requirements must my
unfiltered system implement to con-
tinue to avoid filtration?
Your system must take any addi-
tional steps necessary to minimize the
potential for contamination by
*Cryptosporidium* oocysts in the source
water. Your system’s watershed con-
trol program must, for *Cryptosporidium*:
(a) Identify watershed characteristics
and activities which may have an ad-
verse effect on source water quality; and
(b) Monitor the occurrence of activi-
ties which may have an adverse effect
on source water quality.

§ 141.522 How does the State deter-
mine whether my system’s watershed
control requirements are ade-
quate?
During an onsite inspection con-
ducted under the provisions of
§141.71(b)(3), the State must determine
whether your watershed control pro-
gram is adequate to limit potential
contamination by *Cryptosporidium*
oocysts. The adequacy of the program
must be based on the comprehensiv-
ness of the watershed review; the effec-
tiveness of your program to monitor
and control detrimental activities oc-
curring in the watershed; and the ex-
tent to which your system has maxi-
mized land ownership and/or controlled
land use within the watershed.

§ 141.530 What is a disinfection profile
and who must develop one?
A disinfection profile is a graphical
representation of your system’s level of
*Giardia lamblia* or virus inactivation
measured during the course of a year.
If you are a subpart H community or
non-transient non-community water
system which serves fewer than 10,000
persons, your system must develop a
disinfection profile unless your State
determines that your system’s profile
is unnecessary. Your State may ap-
prove the use of a more representative
data set for disinfection profiling than
the data set required under §§141.532-
141.536.

§ 141.531 What criteria must a State
use to determine that a profile is
unnecessary?
States may only determine that a
system’s profile is unnecessary if a sys-
tem’s TTHM and HAA5 levels are below
0.064 mg/L and 0.048 mg/L, respectively.
To determine these levels, TTHM and
HAA5 samples must be collected after
January 1, 1998, during the month with
the warmest water temperature, and at
the point of maximum residence time
in your distribution system. Your
State may approve a more representa-
tive TTHM and HAA5 data set to deter-
mine these levels.

§ 141.532 How does my system develop
a disinfection profile and when
must it begin?
A disinfection profile consists of
three steps:
(a) First, your system must collect
data for several parameters from the
plant as discussed in §141.533 over the
course of 12 months. If your system
serves between 500 and 9,999 persons
you must begin to collect data no later
than July 1, 2003. If your system serves
fewer than 500 persons you must begin
to collect data no later than January 1,
2004.