

SUMMARY OF STATE AND FEDERAL  
DRINKING WATER  
STANDARDS AND GUIDELINES

1993-1995

By

Contaminant Policy and Communications Subcommittee  
Federal-State Toxicology and  
Risk Analysis Committee (FSTRAC)

Cosponsored By:

Office of Science and Technology  
Office of Water  
Environmental Protection Agency



## INTRODUCTION

This document presents the results of an updated survey of State and Federal drinking water standards and guidelines that was conducted by the Federal/State Toxicology and Risk Analysis Committee (FSTRAC). FSTRAC consists of participants from State programs, United States Environmental Protection Agency (USEPA) Regional Office water management branches and USEPA Headquarter's Office of Water who meet regularly for the purpose of exchanging ideas and information on the toxicology and risk assessment of water-related contaminants. FSTRAC provides an effective medium to coordinate Federal, State and local efforts in standards, guidelines and risk assessment methodology development. FSTRAC participation is generally open to State or Federal employees having an interest in the risk assessment of water contaminants.

FSTRAC currently has two active subcommittees: Contaminant Policy and Communications, and Toxicology and Risk Assessment. In early 1993, the Contaminant Policy and Communications Subcommittee initiated a re-survey of State and USEPA drinking water programs. The Subcommittee requested information on the contact persons and existing drinking water standards and guidelines. This compilation represents the results of the survey conducted during 1993. The States were asked to report only State standards or guidelines which were not adoptions of existing USEPA standards.

A total of 49 States and the USEPA responded to the 1993 survey request. Only Wyoming did not respond since it did not have "Primacy" under the Safe Drinking Water Act (SDWA).

From the survey responses, a database was generated. Information on USEPA Maximum Contaminant Levels (MCLs) and Health Advisories was incorporated into the database and is listed under "EPA." The term "Agency" is used throughout the reports to refer to State Agencies with drinking water responsibilities, as well as the USEPA. Three separate reports, as described below, were developed using the database.

- Report 1. "General Information, by Agency" which provides a description of the drinking water programs for the individual States and USEPA.
2. "Detailed Standards and Guidelines, by Agency" which lists, by Agency, the current standards and/or guidelines.

3. "Detailed Standards and Guidelines, by Chemical" which lists the chemical, the agencies which have standards and/or guidelines for the chemical and the current standard and/or guideline levels.

#### SURVEY INFORMATION NOW IN HAZARDOUS SUBSTANCES DATA BANK (HSDB)

Key information from the 1993 survey has been incorporated into HSDB, a part of the National Library of Medicine's (NLM's) Toxnet System. This information is readily available to computer users having access to Toxnet. Standard and guideline values, as well as program contact information are now a regular part of HSDB. Since HSDB is searchable only by specific chemical name or CAS number, several Secondary MCLs for aesthetic effects (color, corrosivity, foaming agents, odor, pH and total dissolved solids (TDS)) could not be included.

#### UPDATING DATA BANK INFORMATION

A general review of the information is planned to occur at 6-monthly intervals with a comprehensive re-survey every three years.

Any inconsistencies or comments on the reports or updated information may be directed to: Bruce Mintz, USEPA, Office of Science & Technology, Office of Water (4304), Washington D.C. 20460, 202-260-9569.

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FSTRAC REPORT

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ALABAMA

Name of contact person: Joe Alan Power

Position: Chief - Water Supply Branch

Agency: Alabama Department of Environmental Mgmt (ADEM)  
1751 Dickinson Drive  
Montgomery, AL 36130

Phone: 205 271-7825

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
ADEM

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

None

The following factors, other than health effects, are used in establishing GUIDELINES:

None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ALASKA

Name of contact person: Melanie S. Abell

Name of person providing information: Amanda Arra

Position: Environmental Specialist

Agency: Department of Environmental Conservation  
410 Willoughby Ave  
Juneau, AK 99801

Phone: 907 465-5326

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environmental Conservation, Drinking Water/Wastewater  
Section

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes  
Applicability to different size and type of public water systems  
Frequency

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ARIZONA

Name of contact person: Dale Ohnmeiss

Position: Manager, Drinking Water Compliance Unit

Agency: Arizona Department of Environmental Quality  
3033 North Central Ave  
Phoenix, AZ 85012

Phone: 602 207-4646

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
AZ Department of Environmental Quality (1) and AZ Dept. of Health Services

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: Yes

Under certain conditions

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

Xylenes

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

BAT for VOC's

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

1.0E6 excess cancer cases (1 person per million develops cancer).

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects

Treatment feasibility

Cost of treatment

Analytical capability

Occurance, frequency and distribution.

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Vulnerability factors

Other

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ARIZONA

We use State discretionary option whenever possible to make rules more applicable to Arizona.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ARKANSAS

Name of contact person: Harold R. Seifert

Position: Director, Division of Engineering

Agency: Arkansas Department of Health (MS 37)  
4815 W. Markham Street  
Little Rock, AR 72205-3867

Phone: (501)661-2623

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Arkansas Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
CALIFORNIA

Name of contact person: Andrew R. Gere

Position: Sanitary Engineer

Agency: California Department of Health Services  
2151 Berkeley Way  
Berkeley, CA 94704

Phone: (510)540-2172

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
California Department of Health Services

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Risk level =  $1.0 \times 10^{-6}$ . Accepted as being de minimus risk level for carcinogens by Health Department.

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects  
Treatment feasibility  
Cost of treatment  
Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Applicability to different size and type of public water systems  
Frequency

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
COLORADO

Name of contact person: Jerry C. Biberstine

Position: Drinking Water Section Chief

Agency: Colorado Department of Health, WQCD-DW-B2  
4300 Cherry Creek Dr, So  
Denver, CO 80222-1530

Phone: 303 692-3546

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Colorado Department of Health through Board of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Cost of treatment

Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
CONNECTICUT

Name of contact person: Donna J Pelletier

Position: Epidemiologist III, Div of Env Epi & Occ Health

Agency: Department of Health Services  
150 Washington Street  
Hartford, CT 06106

Phone: 203 566-8167

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Health Services.

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: Yes

Under certain conditions

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Excess cancer risk  $1E-6$ . This was recommendation of Scientific Advisory Panel.

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Cost of treatment

Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:

Treatment feasibility

Cost of treatment

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
DELAWARE

Name of contact person: Edward G. Hallock

Position: Program Manager, Public Water Systems Supervision

Agency: Division of Public Health  
P.O. Box 637, Federal St.  
Dover, Delaware 19903

Phone: (302)739-5410

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Division of Public Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: Yes

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

1.0E6

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
FLORIDA

Name of contact person: Bob Vincent

Position: Environmental Specialist-Environmental Engineering

Agency: Florida Dept. of Health and Rehabilit. Services  
1317 Winewood Blvd.  
Tallahassee, FL 32399-0700

Phone: 904 487-0004

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Florida Dept. of Environmental Regulation with consultation with HRS.

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: No

It should be noted that while secondary MCLs are the same as for EPA  
they are considered enforceable against community water supplies only

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than  
the EPA interim primary drinking water standards, any numerical:

STANDARDS: Yes

GUIDELINES: No

GW cleanup stds = Total Vol. Org. Aromatics= 50 ug/L(ppb)

Total Napthalenes = 100ug/L

MTBE = 50 ug/L

Total PAHs, no Napthalenes = 10ug/L

Total Recoverable Petroleum Hydrocarbons = 5mg/L (ppm)

Does your state have any standards or guidelines for chemical contaminants  
other than for specific chemicals: Yes

Color, TDS, odor, and surface water.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a  
specified risk level: Yes

1.0E-6 risk of cancer -- EPA guidance value.

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects

Analytical capability

Minimum levels of detection.

Odor & G.W. cleanup stds.=organoleptic effects

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Minimum levels of detection.

Does your state have MONITORING REQUIREMENTS for chemical contaminants in

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GENERAL INFORMATION, BY AGENCY  
FLORIDA

drinking water, other than the NPDWR requirements: Yes  
Contaminants

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
GEORGIA

Name of contact person: Fred Lehman

Position: Drinking Water Program Manager

Agency: Georgia Environmental Protection Division  
205 Butler St, SE, TTE1066  
Atlanta Georgia 30334

Phone: 404 651-5154

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Natural Resources, Environmental Protection Division,  
Drinking Water Program

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: NOT AVAILABLE

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
HAWAII

Name of contact person: Bill Wong

Position: Program Manager

Agency: Department of Health  
5 WFP, 500 Ala Moana Blvd  
Honolulu, Hawaii 96813

Phone: 808 586-4258

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Safe Drinking Water Branch, Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

The carcinogenic-based standard MCLs were derived from an expert report prepared by Dr Tardiff some years ago.

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects  
Treatment feasibility  
Cost of treatment

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Applicability to different size and type of public water systems

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
IDAHO

Name of contact person: Leigh Woodruff

Position: Environmental Scientist, Public Water Supply Unit

Agency: Division of Environmental Quality, Community Prog.  
1410 N. Hilton St.  
Boise, ID 83720

Phone: 208 334-0409

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Division of Environmental Quality, Community Programs, Public Water  
Supply Unit

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A  
Only EPA standards are being developed.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than  
the EPA interim primary drinking water standards, any numerical:  
STANDARDS: No  
GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants  
other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a  
specified risk level: No  
We use EPA guidelines and criteria

The following factors, other than health effects, are used in establishing STANDARDS:  
We depend on EPA to develop health effect standards.

The following factors, other than health effects, are used in establishing GUIDELINES  
We depend on EPA to develop health effect guidelines.

Does your state have MONITORING REQUIREMENTS for chemical contaminants in  
drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
ILLINOIS

Name of contact person: Jeri Long

Name of person providing information: Dianna Heaberlin

Position: Manager, Compliance Assurance

Agency: Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, IL 62794-9276

Phone: 217 782-1838

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Illinois Pollution Control Board

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

However the THM regulations (same MCL as EPA) are made to apply to communities less than 10,000 population which have surface water sources.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Set at USEPA levels

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Other

Nitrate and nitrite monitoring may be as frequent as weekly for supplies having a history of periodic excursions.

Monitoring and reporting for sodium is required.

Other chemicals requiring monitoring are: DDT, aldrin, iron, manganese copper, lead and zinc.

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ILLINOIS

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
INDIANA

Name of contact person: Jean Beauchamp

Position: Chemist

Agency: Indiana Department of Environmental Management  
105 South Meridian St  
Indianapolis, Indiana 46206-6015

Phone: 317 233-3442

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Indiana Department of Environmental Management

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

None

The following factors, other than health effects, are used in establishing GUIDELINES:

None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
IOWA

Name of contact person: Dennis Alt

Position: Environmental Program Supervisor

Agency: Iowa Department of Natural Resources  
Wallace Building  
Des Moines, IA 50319

Phone: 515 281-8398

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Iowa Department of Natural Resources

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain circumstances.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Use lifetime Health Advisory concentration

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
KANSAS

Name of contact person: Dave Waldo

Position: Environmental Engineer

Agency: Kansas Department of Health and Environment (KDHE)  
Forbes Field, Bldg. 740  
Topeka, KS 66620

Phone: 913 296-5503

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Kansas Department of Health and Environment

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: Yes

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

Total VOC's other than THM 10 ug/L.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

KDHE uses a two tier approach. Notification or 'alert' level @ 1E-6.

Action level defining unsafe for long-term use @ 1.0E-5.

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Other

Supplies using surface water source are tested for a number of commonly used pesticides (19) besides the 6 with MCL's on a once in 3 year frequency.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
KANSAS

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
KENTUCKY

Name of contact person: John T. Smither

Position: Manager, Drinking Water Branch

Agency: Kentucky Dept. for Env. Protection, Div. of Water  
18 Reilly Rd.  
Frankfort, KY 40601

Phone: (502)564-3410

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Division of Water - Drinking Water Branch

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

Require filtration on all surface water supplies.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
LOUISIANA

Name of contact person: C. Russell Rader

Position: Chief Engineer

Agency: Louisiana Department of Health and Hospitals  
P.O. Box 60630  
New Orleans, LA 70160

Phone: 504 568-5103

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Louisiana Department of Health and Hospitals

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: Yes

Administrative penalties only apply to regulations.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MAINE

Name of contact person: Greg Bogdan

Position: Director, Division of Disease Control

Agency: Department of Human Services  
State House, Station 11  
Augusta, ME 04333

Phone: 207 289-5378

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Human Services

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: Yes

under certain conditions

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

Total petroleum hydrocarbons - 50 ppb.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

cancer risk level at  $1E-5$  (one per 100,000)

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MARYLAND

Name of contact person: William Parrish

Name of person providing information: John Grace

Position: Program Administrator, Water Supply Program

Agency: Maryland Department of the Environment  
2500 Broening Hwy.  
Baltimore, MD 21224

Phone: 410 631-3706

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Water Supply Program, Maryland Dept. of the Environment

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No  
(STAND).

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Guidelines for determining acute risk to health will be the 10-day health advisory for synthetic, organic, and pesticides. Also 1E-6 risk level is chosen, in keeping with USEPA ODW policy.

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES  
Analytical capability  
Quality of life (ie. Presource, Iron)  
Use EPA secondary standards as guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MARYLAND

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MASSACHUSETTS

Name of contact person: Nicholas A. Anastas

Position: Environmental Analyst III, Office of Res.-Standards

Agency: Department of Environmental Protection  
One Winter Street  
Boston, MA 02108

Phone: 617 556-1137

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environmental Protection

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

Gross alpha particle activity - 15 pCi/L. Gross beta particle activity - annual dose > 4 mrem/yr.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Standards and guidelines are set at concentrations associated with an excess cancer risk of  $1E-6$ . This concentration is then subject to the feasibility requirement of detection capability or PQL.

The following factors, other than health effects, are used in establishing STANDARDS:  
Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:  
Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Other

Sodium. Annually - surface water every 3 years - ground water if over 15 mg/L, then test 4x/yr.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MASSACHUSETTS

MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MICHIGAN

Name of contact person: Kirpal S. Sidhu, Ph.D.

Position: Toxicologist

Agency: Mich Dept of Pub Hlth, Div Hlth Risk Assessment  
3423 N. Logan/M L King Bl  
Lansing, MI 48909

Phone: (517)335-8362

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Div Hlth Risk Assessment, Michigan Dept. of Public Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:  
STANDARDS: No  
GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes  
1.0E-6

The following factors, other than health effects, are used in establishing STANDARDS:  
NOT AVAILABLE

The following factors, other than health effects, are used in establishing GUIDELINES  
Organoleptic effects  
Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes  
Contaminants

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes  
Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MINNESOTA

Name of contact person: Richard Clark

Name of person providing information: Philip Moroukian

Position: Supervisor, Public Water Supply Unit

Agency: Minnesota Department of Health  
717 Delaware Street S.W.  
Minneapolis, MN 55440

Phone: 612 627-5176

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Minnesota Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

PAH's (total carcinogenic) 0.028 ug/L. PAH's (total noncarcinogenic) 0.28 ug/L. PCB's 0.05 ug/L.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Using EPA's carcinogen assessment group estimates, risk is set below 1 in 100,000 (1.0E5).

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MISSISSIPPI

Name of contact person: James L. Crawford

Position: Environmental Administrator

Agency: Mississippi Department of Environmental Quality  
P.O. Box 10385  
Jackson, Mississippi 39285-0385

Phone: 601 961-5171

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Mississippi Department of Environmental Quality but Dept of Health,  
PO Box 1700, Jackson, MS 39215-1700 has drinking water enforcement authy.

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MISSOURI

Name of contact person: William Price, P.E.

Position: Chief, Technical Services and Training Section

Agency: Dept of Natural Resources, Public D. Water Prog.  
P.O. Box 176  
Jefferson City, MO 65102

Phone: 314 751-5331

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Natural Resources, Public Drinking Water Program

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: Yes

Under emergency provisions of State statute.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

Treatment feasibility

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
MONTANA

Name of contact person: Gary Wiens

Name of person providing information: Luella Schultz

Position: Environmental Engineer

Agency: Dept. of Health and Env. Sci., Water Qual. Bureau  
1400 Bdwy, PO Box 200901  
Billings, MT 59602-0901

Phone: 406 444-5318

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Health and Environmental Sciences - Water Quality  
Bureau

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

100 ppb for THM's.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

Mandatory chlorination for surface water. Effluent turbidity standards.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Same as EPA.

The following factors, other than health effects, are used in establishing STANDARDS:  
None

MCL's = EPA always. Compatability for all proposed guidelines.

The following factors, other than health effects, are used in establishing GUIDELINES:  
Do not set guidelines; mainly follow EPA.

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEBRASKA

Name of contact person: Jack Daniel

Name of person providing information: Scott Peterson

Position: Director Division of Drinking Water

Agency: Nebraska State Department of Health  
301 Centennial Mall, So.  
P O Box 95007 Lincoln, Ne 68509

Phone: 402 471-2541

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Nebraska Department of Health (NDOH)

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: Yes

GUIDELINES: No

Just MCL.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
NOT AVAILABLE

The following factors, other than health effects, are used in establishing GUIDELINES:  
NOT AVAILABLE

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEVADA

Name of contact person: Jeffrey Fontaine, P.E.

Position: Supervisor of Public Health Engineering

Agency: Nevada State Health Division  
505 E. King St., Room 103  
Carson City, NV 89710

Phone: 702 687-4750

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
State Board of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

Yes

Are state guidelines enforceable: Yes

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW HAMPSHIRE

Name of contact person: Gary Perlman

Position: Environmental Risk Analyst

Agency: NH Division of Public Health Services  
Health & Welfare Building  
6 Hazen Dr., Concord, NH 03301

Phone: 603 271-4561

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Dept. of Environmental Services with consultation with DPHS

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain circumstances.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Any mixture is evaluated by calculating a hazard index. Also, when VOC's are above a level of concern for drinking and exceed 50 ppb we recommend non-consumptive use restrictions.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

1.0E-6 risk level for guidelines.

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects

Treatment feasibility

Cost of treatment

Analytical capability

General Consistency with EPA Standards.

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW HAMPSHIRE

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW JERSEY

Name of contact person: Leslie McGeorge

Position: Assistant Dir, Division of Science and Research

Agency: NJ Dept of Environmental Protection and Energy  
401 E. State CN 409  
Trenton, NJ 08625

Phone: 609 633-3834

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environmental Protection. Department of Health provides  
input and review.

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than  
the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

Informal guideline of 50 ppb for total volatile organics. Recommended in a  
preproposal as first step in dealing with mixtures issue.

Does your state have any standards or guidelines for chemical contaminants  
other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a  
specified risk level: Yes

The target excess cancer risk level is one in one million persons ingesting  
that chemical for a lifetime. Actual standards may not achieve this risk  
level.

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Cost of treatment

Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in  
drinking water, other than the NPDWR requirements: Yes

Contaminants

Applicability to different size and type of public water systems

Frequency

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FSTRAC REPORT

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW JERSEY

Locations  
Vulnerability factors

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW MEXICO

Name of contact person: Millicent Eidson

Name of person providing information: Robert Gallegos

Position: Program Manager - Drinking Water Section

Agency: New Mexico Environmental Improvement Division  
1190 St. Francis Dr.  
Santa Fe, NM: 87503

Phone: 505 827-2778

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
New Mexico Environment Department

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
Aesthetic standards and irrigation standards.

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW YORK

Name of contact person: Michael E. Burke, P.E.

Name of person providing information: Ron Entringer

Position: Chief, Program Implementation Section

Agency: Dept. of Health, Bureau Public Water Supp. Protec.  
2 University Place  
Albany, NY 12203-3313

Phone: 518 458-6731

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
New York State Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: Yes

GUIDELINES: NOT AVAILABLE

Total of organic chemicals: 100 ug/L.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

General organic standards: Principal organic contaminants (6 classes) - 5 ug/L. Unspecified organic contaminants - 50 ug/L.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects  
Treatment feasibility  
Cost of treatment  
Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects  
Treatment feasibility  
Cost of treatment  
Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NEW YORK

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NORTH CAROLINA

Name of contact person: W. E. Venrick

Name of person providing information: Jerry C. Perkins

Position: Chief, Public Water Supply Section

Agency: Div of Environ Hlth, NC Dept Envir, Hlth & Nat Res  
P.O. Box 29536  
Raleigh, North Carolina 27626-0536

Phone: 919 733-2321

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
N.C. Department of Environment, Health, and Natural Resources and  
N.C. Commission for Health Services

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Standards set for aesthetics and preservation of the water systems.

The following factors, other than health effects, are used in establishing GUIDELINES:

Treatment feasibility

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Other

When fluoridation takes place, monitoring results must be provided to the Dental Division.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
NORTH DAKOTA

Name of contact person: D. Wayne Kern

Position: Drinking Water Program Manager

Agency: Municipal Facilities Division  
1200 Missouri Av, POB 5520  
Bismarck, ND 58502-5520

Phone: 701 221-5225

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Municipal Facilities Division

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A  
No state guidelines

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:  
STANDARDS: No  
GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
OHIO

Name of contact person: John J. Sadzewicz, P.E.

Position: Division Chief

Agency: Ohio Environmental Protection Agency (Ohio EPA)  
1800 Watermark Dr.  
PO Box 1049, Columbus, OH 43266-0149

Phone: (614)644-2752

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Ohio EPA, Division of Drinking and Ground Waters

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

State adopted the Federal VOC regs. into state regulation.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

Same as provided by USEPA

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects

Treatment feasibility

Cost of treatment

Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Treatment feasibility

Cost of treatment

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Contaminants

Applicability to different size and type of public water systems

Frequency



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
OHIO

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
OKLAHOMA

Name of contact person: Mike Harrell

Position: Public Water Supply Program Engineer

Agency: Department of Environmental Quality  
1000 NE 10th Street  
Oklahoma City, OK 73117-1212

Phone: 405 271-5205

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environmental Quality

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A  
No state guidelines.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
OREGON

Name of contact person: Mary Alvey

Position: Manager, Monit. and Compl., Drinking Water Program

Agency: Oregon State Health Division  
P O Box 14450  
Portland, OR 97214-0450

Phone: 503 731-4381

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Oregon State Health Division, Drinking Water Program

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
PENNSYLVANIA

Name of contact person: John J. Wroblewski

Position: Chief, Engineering Services and Pennvest Section

Agency: Division of Drinking Water Management  
P.O. Box 8467  
Harrisburg, PA 17120-8467

Phone: 717 783-3795

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environmental Resources,  
Division of Drinking Water Management

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:  
STANDARDS: No  
GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes  
Guidelines are set at the EPA proposed MCL. If this is not available the level is set at the  $1.0 \times 10^{-6}$  CRL unless that level is below the practical quantitation level (PQL) or treatment limits, then the level would be lowest level these limiting factors will allow.

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
Organoleptic effects  
Treatment feasibility  
Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes  
Frequency

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: Yes

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REPORT 1  
GENERAL INFORMATION, BY AGENCY  
PENNSYLVANIA

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
RHODE ISLAND

Name of contact person: Robert R. Vanderslice

Position: Chief, Office of Environmental Health Risk Assess.

Agency: RI Department of Health  
Cannon Bldg., 3 Capitol H.  
Providence, RI 02908

Phone: 401 277-3424

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Rhode Island Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

.Yes

Are state guidelines enforceable: Yes

Under certain conditions.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: Yes

Total PCB's = 0.5 ppb; total xylenes = 10 ppm; total nitrogen = 10 ppm.

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes

1.E-6 (one per million) lifetime risk of cancer; chosen by consensus to conform to currently accepted risk level for carcinogens in air and water standard-setting by EPA.

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

By default, those factors used by EPA in establishing MCL's.

The following factors, other than health effects, are used in establishing GUIDELINES:

Organoleptic effects

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDR requirements: Yes

Contaminants

Applicability to different size and type of public water systems

Frequency,

Locations

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for

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FSTRAC REPORT

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
RHODE ISLAND

MCL violations: Yes

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
SOUTH CAROLINA

Name of contact person: Marvin P. Murray

Position: Director, Div. of Drinking Water Quality & Enforc.

Agency: SC Department of Health and Environmental Control  
2600 Bull Street  
Columbia, SC 29201

Phone: 803 734-5310

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
South Carolina Department of Health and Environmental Control

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
SOUTH DAKOTA

Name of contact person: Darron Busch

Name of person providing information: Garland Erbele

Position: Administrator, Office of Drinking Water

Agency: Department of Environment and Natural Resources  
523 E. Capitol Ave., #312  
Pierre, SD 57501

Phone: 605 773-3754

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Environment & Natural Resources, Off. of Drinking Water

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

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FSTRAC REPORT

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
TENNESSEE

Name of contact person: W. David Draughon Jr.

Position: Director

Agency: Division of Water Supply  
401 Church St, 6 Flr, LiC Tw  
Nashville, TN 37243-1549

Phone: 615 532-0152

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Water Quality Control Board - Division of Water Supply  
Bureau of Environment

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: Yes  
Under certain circumstances.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:  
STANDARDS: No  
GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No  
No official decision on specified risk level; usually use  $10E-6$  for contaminated groundwater.

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
TEXAS

Name of contact person: Anthony E Bennett, R.S.

Name of person providing information: Ronald H. Bearden, R.S.

Position: Team Leader, Water Quality Monitoring

Agency: Texas Water Commission  
P. O. Box 13087  
Austin, TX 78711

Phone: 512 371-6319

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Texas Water Commission, Division of Water Utilities

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:  
We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
U.S.E.P.A.

Name of contact person: Bruce Mintz

Position: Supervisory Biologist

Agency: U.S. Environmental Protection Agency (OST)(OW)  
401 M. St., SW (4304)  
Washington, D.C. 20460

Phone: 202 260-9569

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Office of Water with coordination between Office of Science & Technology and Office of Ground and Drinking Water

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: Yes

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

National Primary Drinking Water Standards (i.e., Maximum Contaminant Limits (MCLs)) are not set at a fixed risk level for known carcinogens. However, the Maximum Contaminant Level Goal (MCLG), health basis for the MCL, is set at zero for known and probable human carcinogens (EPA classifications A or B). Per the Safe Drinking Water Act, as amended, the MCL is to be set as close to the MCLG as is practical. For EPA guidelines (Health Advisories), the drinking water concentrations associated with 10<sup>-4</sup>, 10<sup>-5</sup> and 10<sup>-6</sup> cancer risk levels are reported so the risk manager can make a health decision based on the specific contamination situation. These cancer risk level guidance values are offered in place of a Lifetime Health advisory value. HA values are also derived for less than lifetime exposure durations, using non-carcinogenic data.

The following factors, other than health effects, are used in establishing STANDARDS:

Organoleptic effects

Treatment feasibility

Cost of treatment

Analytical detection.

Note: Organoleptic effects are considered only in the setting of Secondary Maximum Contaminant Levels (SMCLs).

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
U.S.E.P.A.

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
UTAH

Name of contact person: Ken Bousfield

Position: Compliance Program Manager

Agency: Utah Division of Drinking Water  
288 N. 1460 West  
Utah 84114-4830

Phone: (801)538-6159

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Utah Division of Drinking Water, Utah Department of Environmental Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Cost of treatment

The following factors, other than health effects, are used in establishing GUIDELINES:

Customer preference

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDR requirements: Yes

Contaminants

Frequency

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
VERMONT

Name of contact person: David Butterfield

Position: Resource Management Section Chief

Agency: Water Supply Div, Dept of Environ. Conservation  
103 S Main, Old Pantry Bld  
Waterbury, VT 05671-0403

Phone: 802-244-1562

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Water Supply Div, Department of Environmental Conservation, Agency of  
Natural Resources

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
No

For total contaminants (e.g., VOCs), does this agency presently have, other than  
the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants  
other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a  
specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
None

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in  
drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
VIRGINIA

Name of contact person: Allen R. Hammer, P.E.

Position: Director, Division of Water Supply Engineering

Agency: Virginia Department of Health  
P. O. Box 2448  
Richmond, VA 23218

Phone: 804 786-5566

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Virginia Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:

Yes

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No



REPORT 1  
GENERAL INFORMATION, BY AGENCY  
WASHINGTON

Name of contact person: David F. Nash

Name of person providing information: Bill Liechty

Position: Health Specialist - Toxic Substances Section

Agency: Department of Health  
Mail Stop LD-11  
Olympia, WA 98504

Phone: 206 753-2730

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Department of Health

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: No

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:  
We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

Treatment feasibility

Cost of treatment

Analytical capability

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes

Applicability to different size and type of public water systems

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
WEST VIRGINIA

Name of contact person: Donald A. Kuntz, P.E.

Position: Director, Environmental Engineering Division

Agency: Off of Envir Health Svcs, WV Bur. of Public Health  
815 Quarrier St, Suite 418  
Charleston, WV 25301-2616

Phone: 304 558-2981

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Office of Environmental Health Services

Does this agency have any numerical STANDARDS for specific organic contaminants:

No

Does this agency have any numerical GUIDELINES for specific organic contaminants:

No

Are state guidelines enforceable: N/A

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:

No

For total contaminants (e.g., VOCs), does this agency presently have, other than the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: No

The following factors, other than health effects, are used in establishing STANDARDS:

We do not establish standards

The following factors, other than health effects, are used in establishing GUIDELINES:

We do not establish guidelines

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs or for exceeding state guidelines: No

REPORT 1  
GENERAL INFORMATION, BY AGENCY  
WISCONSIN

Name of contact person: Don Swailes

Position: Safe Drinking Water Coordinator

Agency: Wisconsin Department of Natural Resources  
P.O. Box 7921  
Madison, WI 53707

Phone: 608 266-7093

General Information:

The agency responsible for establishing drinking water standards or guidelines is:  
Wisconsin Department of Natural Resources and the Wisconsin Department of  
Health and Social Services performs RAs in support of mgt. activities

Does this agency have any numerical STANDARDS for specific organic contaminants:  
No

Does this agency have any numerical GUIDELINES for specific organic contaminants:  
Yes

Are state guidelines enforceable: Yes  
Under certain conditions.

Is this agency considering or in the process of developing GUIDELINES or STANDARDS:  
Yes

For total contaminants (e.g., VOCs), does this agency presently have, other than  
the EPA interim primary drinking water standards, any numerical:

STANDARDS: No

GUIDELINES: No

Does your state have any standards or guidelines for chemical contaminants  
other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a  
specified risk level: Yes

Drinking water guidelines traditionally set at 1.0E-5. Note: State  
statute requires groundwater protection standards to be set at 1.0E-6  
if no \Federal number\ available.

The following factors, other than health effects, are used in establishing STANDARDS:

Treatment feasibility

Cost of treatment

Analytical capability

The following factors, other than health effects, are used in establishing GUIDELINES:  
None

Does your state have MONITORING REQUIREMENTS for chemical contaminants in  
drinking water, other than the NPDWR requirements: No

Does your state have NOTIFICATION REQUIREMENTS, other than the EPA's, for  
MCL violations: No

Does your state have NOTIFICATION REQUIREMENTS at levels of contamination  
lower than NPDWR MCLs or for exceeding state guidelines: Yes



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ALABAMA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
arsenic	7440-38-2	50		
barium	7440-39-3	1000		
benzene	71-43-2	5		
cadmium	7440-43-9	10		
carbon tetrachloride	56-23-5	5		
chromium	7440-47-3	50		
D, 2,4-	94-75-7	100		
dichlorobenzene, p-	106-46-7	75		
dichloroethane, 1,2-	107-06-2	5		
fluoride	16984-48-8	4000		
gross alpha activity	12578-46-1	15pCi/L		
gross beta (millirem/yr)	--	4 mrem/y		
lead	7439-92-1	20		
lindane	58-89-9	4		
mercury	7439-97-6	2		
methoxychlor	72-43-5	100		
nitrate (as N)	14797-55-8	10,000		
radium 226/228	7440-14-4	5 pCi/L		
selenium	7782-49-2	10		
silver	7440-22-4	50		
strontium 90 (pCi/L)	10098-97-2	8		
toxaphene	8001-35-2	5		
TP, 2,4,5- (Silvex)	93-72-1	10		
trichloroethane, 1,1,1-	71-55-6	200		
trichloroethylene	79-01-6	5		
trihalomethanes (total)	seq:28	100		
tritium (pCi/L)	10028-17-8	20,000		
vinyl chloride	75-01-4	2		

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FSTRAC REPORT

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ALASKA

Chemical		Current	Current	
Name	CAS #	Standards	Guidelines	Note
		(ug/L)	(ug/L)	
sodium	7440-23-5		250,000	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ARIZONA

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
acephate	30560-19-1		4	
acrolein	107-02-8		320	
acrylamide	79-06-1		0.01	
acrylonitrile	107-13-1		0.15	
alachlor	15972-60-8		0.15	
aldicarb	116-06-3		9	
aldrin	309-00-2		0.002	
aluminum	7429-90-5		73	
antimony	7440-36-0		14	
arsenic	7440-38-2	50	50	
atrazine	1912-24-9		3	
barium	7440-39-3	1000	1500	
baygon	114-26-1		3	
benzene	71-43-2	5	1.3	
benzidine	92-87-5		0.0001	
benzo-a-pyrene	50-32-8		0.003	
beryllium	7440-41-7		0.007	
bis(2-chloroethyl)ether	111-44-4		0.030	
bromacil	314-40-9		80	
bromodichloromethane	75-27-4		0.19	
bromoform	75-25-2		0.19	
bromomethane	74-83-9		0.19	
cadmium	7440-43-9	10	5	
captan	133-06-2		91	
carbaryl	63-25-2		700	
carbofuran	1563-66-2		36	
carbon disulfide	75-15-0		830	
carbon tetrachloride	56-23-5	5	0.27	
chlordane	57-74-9		0.022	
chlordimeform	6164-98-3		0.027	
chloroform	67-66-3		0.49	
chloromethane	74-87-3		0.19	
chromium	7440-47-3	50	120	
cobalt	7440-48-4		0.70	
copper	7440-50-8	1000	1300	
cyanazine	21725-46-2		9	
cyanide	57-12-5		220	
D, 2,4-	94-75-7	100	70	
dacthal	1861-32-1		3500	
dalapon	75-99-0		560	
DDT	50-29-3		0.10	
diazinon	333-41-5		0.63	
dibromo-3-chloropropane, 1,2-	96-12-8		0.025	
dibromochloromethane	124-48-1		0.19	
dicamba	1918-00-9		9	
dichlorobenzene, m-	541-73-1		620	
dichlorobenzene, o-	95-50-1		620	
dichlorobenzene, p-	106-46-7		75	
dichlorobenzidine, 3,3'-	91-94-1		0.020	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ARIZONA

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
dichlorodifluoromethane	75-71-8		1400	
dichloroethane, 1,2-	107-06-2	5	0.38	
dichloroethylene, 1,1-	75-35-4	7	7	
dichloroethylene, trans-1,2-	156-60-5		70	
dichloroethylenes, 1,2-	540-59-0		70	
dichloromethane	75-09-2		4.7	
dichlorophenol, 2,4-	120-83-2		21	
dichloropropane, 1,2-	78-87-5		0.56	
dichloropropenes	26952-23-8		87	
dicofof	115-32-2		0.08	
dieldrin	60-57-1		0.001	
dimethoate	60-51-5		1.2	
dinitrophenol, 2,4-	51-28-5		14	
dinoseb	88-85-7		3.5	
diphenylhydrazine, 1,2-	122-66-7		0.05	
disulfoton	298-04-4		0.3	
diuron	330-54-1		14	
endosulfan	115-29-7		74	
endothall	145-73-3		140	
endrin	72-20-8	0.2	0.32	
epichlorohydrin	106-89-8		3.5	
EPTC	759-94-4		180	
ethylbenzene	100-41-4		680	
ethylene dibromide	106-93-4		0.0005	
ethylene glycol	107-21-1		5500	
fenamiphos	22224-92-6		1.8	
fenvalerate	51630-58-1		180	
fluoride	16984-48-8	4000	4000	
fluorotrichloromethane	75-69-4		2100	
glyphosate	1071-83-6		700	
heptachlor	76-44-8		0.008	
heptachlor epoxide	1024-57-3		0.004	
hexachlorobenzene	118-74-1		0.02	
hexane, n-	110-54-3		4000	
lead	7439-92-1	50	20	
lindane	58-89-9	4	0.2	
malathion	121-75-7		140	
mancozeb	8018-01-7		21	
maneb	12427-38-2		35	
mercury	7439-97-6	2	3	
methomyl	16752-77-5		180	
methoxychlor	72-43-5	100	340	
methyl ethyl ketone	78-93-3		170	
methyl parathion	298-00-0		1.8	
methylene chloride, see dichloromethane				
molybdenum	7439-98-7		70	
monochlorobenzene	108-90-7		60	
nickel	7440-02-0		150	
nitrobenzene	98-95-3		3.5	



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ARIZONA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
nitrogen (total)	7727-37-9	10,000	10,000	
nitrosopyrrolidine, n-	930-55-2		0.02	
oxamyl	23135-22-0		180	
paraquat	1910-42-5		3	
parathion	55-38-2		30	
PCBs	1336-36-3		0.008	
pendimethalin	40487-42-1		280	
pentachlorobenzene	608-93-5		6	
pentachlorophenol	87-86-5		220	
picloram	1918-02-1		49	
pronamide	23950-58-5		52	
propargite	2312-35-8		160	
propham	122-42-9		52	
selenium	7782-49-2	10	45	
silver	7440-22-4	50	50	
simazine	122-34-9		35	
strobane, see toxaphene				
styrene	100-42-5		140	
tebuthiuron	34014-18-1		35	
tetrachlorobenzene, 1,2,4,5-	95-94-3		2	
tetrachloroethane, 1,1,2,2-	79-34-5		0.17	
tetrachloroethylene	127-18-4		0.67	
thallium	7440-28-0		13	
toluene	108-88-3		2000	
toxaphene	8001-35-2		0.03	
toxaphene	8001-35-2	5	0.03	
TP, 2,4,5- (Silvex)	93-72-1	10	52	
trichlorobenzene, 1,2,4-	120-82-1		140	
trichloroethane, 1,1,1-	71-55-6	200	200	
trichloroethane, 1,1,2-	79-00-5		0.61	
trichloroethylene	79-01-6	5	3.2	
trichlorophenol, 2,4,5-	95-95-4		700	
trichlorophenol, 2,4,6-	88-06-2		1.8	
trichloropropane, 1,2,3-	96-18-4		42	
trifluralin	1582-09-8		2	
trihalomethanes (total)	seq:28	100	0.19	
uranium (picocuries/liter)	7440-61-1		35	
vanadium	7440-62-2		7	
vinyl chloride	75-01-4		0.015	
xylene	1330-20-7		440	
zinc	7440-66-6	5000	5000	
zineb	12122-67-6		350	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
CALIFORNIA

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
alachlor	15972-60-8		0.2	
aldicarb	116-06-3		10	
aldrin	309-00-2		0.05	1
aluminum	7429-90-5	1000		
atrazine	1912-24-9	3		
baygon	114-26-1		90	
bentazon	25057-89-0	18		
benzene	71-43-2	1		
benzene, a- hexachloride, see hexachlorocyclohexane (alpha-)				
benzene, b- hexachloride, see hexachlorocyclohexane (beta-)				
bis(2-ethylhexyl)phthalate	117-81-7	4		
bolero, see thiobencarb				
captan	133-06-2		350	
carbaryl	63-25-2		60	
carbofuran	1563-66-2	18		
carbon tetrachloride	56-23-5	0.5		
chlordane	57-74-9	0.1		
chloropicrin	76-06-2		50	2
CIPC (isopropyl-n-3-chlorophenyl-carbamate)	101-21-3		350	
cis-1,2-dichloroethylene, see dichloroethylene, cis-1,2-				
diazinon	333-41-5		14	
dibromo-3-chloropropane, 1,2-	96-12-8	0.2		
dichlorobenzene, 1,2-, see dichlorobenzene, o-				
dichlorobenzene, 1,3-, see dichlorobenzene, m-				
dichlorobenzene, 1,4-, see dichlorobenzene, p-				
dichlorobenzene, m-	541-73-1		130	3
dichlorobenzene, o-	95-50-1		130	3
dichlorobenzene, p-	106-46-7	5		
dichloroethane, 1,1-	75-34-3	5		
dichloroethane, 1,2-	107-06-2	0.5		
dichloroethylene, 1,1-	75-35-4	6		
dichloroethylene, cis-1,2-	156-59-2	6		
dichloroethylene, trans-1,2-	156-60-5	10		
dichloromethane	75-09-2		40	
dichloropropane, 1,2-	78-87-5	5		
dichloropropene, 1,3-	542-75-6	0.5		
dieldrin	60-57-1		0.05	1
diethylhexyl phthalate, see bis(2-ethylhexyl)phthalate				
dimethoate	60-51-5		140	
dimethyl phenol, 2,4- (m-xyleneol)	105-67-9		400	2
diphenamid	957-51-7		40	
ethion	563-12-2		35	
ethylbenzene	100-41-4	680		
ethylene dibromide	106-93-4	0.02		1

1 Established at limit of quantification.

2 Taste and odor threshold. Secondary action level based on aesthetics.

3 Secondary action level based on aesthetics. Action level for sum of 1,2- and 1,3- dichlorobenzene is 130 ppb.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
CALIFORNIA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
fluorotrichloromethane	75-69-4	150		
formaldehyde	50-00-0		30	
glyphosate	1071-83-6	700		
heptachlor	76-44-8	0.01		
heptachlor epoxide	1024-57-3	0.01		
hexachlorocyclohexane (alpha-)	319-84-6		0.7	
hexachlorocyclohexane (beta-)	319-85-7		0.3	
malathion	121-75-7		160	
methoxychlor	72-43-5	0.01		
methyl parathion	298-00-0		30	
methylene chloride, see dichloromethane				
monochlorobenzene	108-90-7	30		
ordran (molinate)	2212-67-1	20		
parathion	56-38-2		30	
PCNB	82-68-8		0.9	
pentachlorophenol	87-86-5		30	
phenol	108-95-2		5	1
simazine	122-34-9	10		
terrachlor, see PCNB				
tetrachloroethane, 1,1,2,2-	79-34-5	1		
tetrachloroethylene	127-18-4	5		
thiobencarb	28249-77-6	70		
toluene	108-88-3		100	
trichloroethane, 1,1,1-	71-55-6	200		
trichloroethane, 1,1,2-	79-00-5	32		
trichloroethylene	79-01-6	5		
trichlorofluoromethane (Freon 11), see fluorotrichloromethane				
trichlorotrifluoroethane	76-13-1	1200		
trithion	786-19-6		7	
uranium (picocuries/liter)	7440-61-1	20	30	
vinyl chloride	75-01-4	0.5		
xylene, 1,2-	95-47-6	1750		2
xylene, 1,3-	108-38-3	1750		2
xylene, 1,4-	106-42-3	1750		2

1 Taste and odor threshold. Secondary action level based on aesthetics.  
2 Action level for sum of xylene isomers is 620 ppb.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
CONNECTICUT

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
acrylonitrile	107-13-1		35	
benzene	71-43-2		1	
carbon tetrachloride	56-23-5		5	
dibromoethane, 1,2-, see ethylene dibromide				
dichlorobenzene, p-	106-46-7		75	
dichloroethane, 1,2-	107-06-2		1	
dichloroethylene, 1,1-	75-35-4		7	
dichloromethane	75-09-2		25	
dichloropropane, 1,2-	78-87-5		5	
dichloropropene, 1,3-	542-75-6		10	
dieldrin	60-57-1		0.01	
dioxane, p-	123-91-1		20	
ethylene dibromide	106-93-4	0.1		
ethylene glycol	107-21-1		100	
isopropyl alcohol	67-63-0		1,000	
isopropyl alcohol, see isopropanol				
manganese	7439-96-5		5000	
methyl ethyl ketone	78-93-3		1000	
methyl-t-butyl ether	1634-04-4		100	
methylene chloride, see dichloromethane				
PCBs	1336-36-3		1	
tetrachloroethylene	127-18-4		5	
toluene	108-88-3		1000	
trichloroethane, 1,1,1-	71-55-6		200	
trichloroethylene	79-01-6		5	
vinyl chloride	75-01-4		2	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
FLORIDA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
benzene	01-43-2	1		
carbon tetrachloride	56-23-5	3		
dichloroethane, 1,2-	107-06-2	3		
ethylene dibromide	106-93-4	0.02		
methyl-t-butyl ether	1634-04-4	50		1
naphthalene	91-20-3	100		1
PAHs (excluding naphthalenes)	seq 6	10		1
sodium	744-02-35	160		
tetrachloroethylene	127-18-4	3		
total recoverable petroleum hydrocarbons	seq	5,000		1
total volatile aromatics	seq	50		1
trichloroethylene	79-01-6	3		
vinyl chloride	75-01-4	1		

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
HAWAII

Chemical		Current	Current	
Name	CAS #	Standards	Guidelines	Note
		(ug/L)	(ug/L)	
dibromo-3-chloropropane, 1,2-	96-12-8	0.04		
ethylene dibromide	106-93-4	0.04		
trichloropropane, 1,2,3-	96-18-4	0.8		

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
ILLINOIS

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
aldrin	309-00-2	1		
copper	7440-50-8	5,000*		1
DDT	50-29-3	50		
dieldrin	60-57-1	1		
heptachlor	76-44-8	0.1		
heptachlor epoxide	1024-57-3	0.1		
iron	7439-89-6	1000		2
lead	7439-92-1	50*		1
manganese	7439-96-5	150		2
zinc	7440-66-6	5,000		

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1 Standard applies only to source water sample.  
2 Only for communities serving more than 1,000 persons.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MAINE

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
acifluorfen	5094-66-6		10	
acrylamide	79-06-1		0.1	
alachlor	15972-60-8		2	
aldicarb	116-06-3		2	
aluminum	7429-96-5		1430	
ametryn	834-12-8		60	
amiben, see chloramben				
ammonium sulfate	7713-06-0		1500	
atrazine	1912-24-9		3	
azinophosmethyl	86-50-0		25	
barium	7440-39-3		1500	
baygon	114-26-1		3	
bentazon	25057-89-0		17.5	
benzene	71-43-2		5	
bis(2-chloroethyl)ether	111-44-4		8.3	
bis(2-chloroisopropyl)ether	39638-32-9		250	
bis(2-ethylhexyl)phthalate	117-81-7		25	
boron	7440-42-8		620	
bromacil	314-40-9		25	
bromide	24959-67-9		660	
bromochloromethane	74-97-5		92	
bromomethane	74-83-9		10	
butachlor	23184-66-9		20	
butylate	2008-41-5		360	
cadmium	7440-43-9		5	
captan	133-06-2		100	
carbaryl	63-25-2		164	
carbofuran	1563-66-2		40	
carbon tetrachloride	56-23-5		2.7	
carboxin	5234-68-4		700	
chloramben	133-90-4		105	
chloramine	55-86-7		166	
chlorate	10326-21-3		7	
chlordan	57-74-9		0.27	
chlorine dioxide	10049-04-4		60	
chlorite	14998-27-7		7	
chlorobenzene, see monochlorobenzene				
chloromethane	74-87-3		3	
chlorothalonil	1897-45-6		15	
chlorotoluene, o,p-	95-09-8		140	
chromium	7440-47-3		100	
cis-1,2-dichloroethylene, see dichloroethylene, cis-1,2-				
cyanazine	21725-46-2		1	
cyanide	57-12-5		154	
D, 2,4-	94-75-7		70	
dacthal	1861-32-1		3500	
dalapon	75-90-0		200	
DDT	50-29-3		0.83	
di(2-ethylhexyl) adipate	103-23-1		400	



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MAINE

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
di(2-ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate				
diazinon	333-41-5		0.63	
dibromo-3-chloropropane, 1,2-	96-12-8		0.2	
dibutyl phthalate	84-74-2		220	
dicamba	1918-00-9		200	
dichlorobenzene, o-, m-	95-50-1		85	
dichlorobenzene, p-	106-46-7		27	
dichlorodifluoromethane	75-71-8		1050	
dichloroethane, 1,1-	75-34-3		5	
dichloroethane, 1,2-	107-06-2		5	
dichloroethylene, 1,1-	75-35-4		7	
dichloroethylene, cis-1,2-	156-59-2		70	
dichloroethylene, trans-1,2-	156-60-5		70	
dichloromethane	75-09-2		48	
dichlorophenol, 2,4-	120-83-2		20	
dichloropropane, 1,2-	78-87-5		5	
dichloropropene, 1,3-	542-75-6		2	
dieldrin	60-57-1		0.02	
dimethrin	67239-16-1		2100	
dinitrobenzene, 1,3-	99-65-0		1	
dinitrophenol, 2,4-	51-28-5		31	
dinoseb	88-85-7		2	
dioxane, p-	123-91-1		70	
diphenamid	957-51-7		200	
diquat	85-00-7		20	
disulfoton	298-04-4		0.3	
diuron	330-54-1		14	
endothall	145-73-3		140	
endrin	72-20-8		0.2	
epichlorohydrin	106-89-8		35	
ethylbenzene	100-41-4		700	
ethylene dibromide	106-93-4		0.005	
ethylene glycol	107-21-1		5500	
ethylene thiourea	96-45-7		3	
ETU, see ethylene thiourea				
fenamiphos	22224-92-6		1.8	
fluometron	2164-17-2		90	
fluoride	16984-48-8		2400	
fluorotrichloromethane	75-69-4		2300	
fluorotrichloromethane	75-69-4		2300	
folpet	133-07-3		320	
fonofos	944-22-9		14	
formaldehyde	50-00-0		30	
fuel oil #2	68476-30-2		50	
gasoline	8006-61-9		50	
glyphosate	1071-83-6		700	
heptachlor	76-44-8		0.08	
heptachlor epoxide	1024-57-3		0.04	
hexachlorobenzene	118-74-1		0.2	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MAINE

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
hexachlorobutadiene	87-68-3		1	
hexachlorocyclopentadiene	77-47-4		50	
hexachlorocyclohexane (gamma-), see lindane				
hexachlorophene	70-30-4		2	
hexane, n-	110-54-3		4000	
hexachloroethane	67-72-1		1	
hexazinone	51235-04-2		210	
iodide	20461-54-5		340	
iron	7439-89-6		340	
isophorone	78-59-1		140	
kerosene	8008-20-6		50	
lead	7439-92-1		20	
lindane	58-89-9		0.2	
malathion	121-75-7		40	
maleic hydrazide	123-33-1		3500	
maneb	12427-38-2		10	
manganese	7439-96-5		200	
MCPA	94-74-6		2.5	
mercury	7439-97-6		2	
methomyl	16752-77-5		50	
methoxychlor	72-43-5		100	
methyl ethyl ketone	78-93-3		170	
methyl methacrylate	80-62-6		200	
methyl parathion	298-00-0		2	
methyl-t-butyl ether	1634-04-4		50	
methylene chloride, see dichloromethane				
metolachlor	51218-45-2		100	
metribuzin	21087-64-9		175	
monochlorobenzene	108-90-7		47	
naphthalene	91-20-3		25	
nickel	7440-02-0		150	
nitrate (as N)	14797-55-8		10,000	
nitrite (as N)	14797-65-0		1000	
nitrobenzene	98-95-3		1.4	
nitroguanidine	556-88-7		700	
nitrophenol	seq:55		83	
oxamyl	23135-22-0		175	
PAHs	seq:6		0.03	
paraquat	1910-42-5		30	
parathion	56-38-2		8.6	
PCBs	1336-36-3		0.05	
PCNB	82-68-8		71	
pentachlorophenol	87-86-5		1	
phorate	298-02-2		0.2	
picloram	1918-02-1		300	
prometon	1610-18-0		100	
pronamide	23950-58-5		50	
propachlor	1918-16-7		92	
propanil	709-98-8		40	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MAINE

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
propazine	139-40-2		14	
propham	122-42-9		120	
resorcinol	108-46-3		140	
rotenone	83-79-4		4	
selenium	7782-49-2		10	
silver	7440-22-4		50	
simazine	122-34-9		4	
strontium	7440-24-6		2400	
styrene	100-42-5		5	
T, 2,4,5-	93-76-5		70	
TCDD, 2,3,7,8-	1746-01-6		2.2E-6	
tebuthiuron	34014-18-1		500	
terbacil	5902-51-2		90	
terbufos	13071-79-9		0.9	
tetrachlorodibenzo-p-dioxin, 2,3,7,8-, see TCDD, 2,3,7,8-				
tetrachloroethane, 1,1,1,2-	630-20-6		70	
tetrachloroethylene	127-18-4		3	
thallium	7440-28-0		0.4	
thiram	137-26-8		10	
toluene	108-88-3		1400	
toxaphene	8001-35-2		0.3	
TP, 2,4,5- (Silvex)	93-72-1		1	
trichlorobenzene, 1,2,4-	120-82-1		70	
trichlorobenzene, 1,3,5-	108-70-3		40	
trichloroethane, 1,1,1-	71-55-6		200	
trichloroethane, 1,1,2-	79-00-5		3	
trichloroethylene	79-01-6		5	
trichlorofluoromethane, see fluorotrichloromethane				
trichlorophenol, 2,4,6-	88-06-2		700	
trichloropropane, 1,2,3-	96-18-4		40	
trifluralin	1582-09-8		2	
trihalomethanes (total)	seq:28		100	
trinitroglycerol	55-63-0		5	
trinitrophenol	88-89-1		57	
trinitrotoluene, 2,4,6-	118-96-7		2	
tris (1,3-dichloroisopropyl) phosphate	72102-43-3		14	
vinyl chloride	75-01-4		0.15	
xylene	1330-20-7		600	
ziram (and Ferbam)	137-30-4		25	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MARYLAND

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
acetone	67-64-1		3600	
benzalkonium chloride	8001-54-5		10	
bromoform	75-25-2		40	
edetate sodium, see tetrasodium EDTA				
fluorotrichloromethane	75-69-4		8750	
formaldehyde	50-00-0		10	
hydroquinone	123-31-9		10	
iron	7439-89-6		300	
isopropanol	67-63-0		3000	
manganese	7439-96-5		50	
potassium carbonate	584-08-7		70	
sodium bisulfite	7631-90-5		70	
sodium bromide	7647-15-6		250	
sodium sulfite	7757-83-7		100	
tetrasodium EDTA	64-02-8		180	
triethylene glycol	112-27-6		1750	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MASSACHUSETTS

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
acetone	67-64-1		700	
aldicarb	116-06-3		10	
aldicarb sulfone	1646-88-4		40	
aldicarb sulfoxide	1646-87-3		10	
bis(2-ethylhexyl)phthalate	117-81-7		10	
bromomethane	74-83-9		10	
chloroform	67-66-3		5	1
copper	7440-50-8		1300	
cyanide	57-12-5		140	
dichlorobenzene, p-	106-46-7		5	
dichlorodifluoromethane	75-71-8		1,400	
dichloroethane, 1,1-	75-34-3		5	
dichloromethane	75-09-2		5	
dichloropropene, 1,3-	542-75-6		2	
dinoseb	88-85-7		5	
dioxane, p-	123-91-1		50	
diquat	85-00-7		20	
ethylene dibromide	106-93-4		0.04	
ethylene glycol	107-21-1		5500	
methyl ethyl ketone	78-93-3		350	
methyl isobutyl ketone	108-10-1		350	
methyl-t-butyl ether	1634-04-4		50	
methylene chloride, see dichloromethane				
metolachlor	51218-45-2		8	
radon	10043-92-2		10,000 pCi/L	
sodium	7440-23-5	28,000		
tetrahydrofuran	109-99-9		1,300	
trichlorotrifluoroethane	76-13-1		210,000	
uranium (picocuries/liter)	7440-61-1		10	

1 From non-chlorinated supplies only

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MICHIGAN

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
butanol, n-	71-36-3		700	
carbon disulfide	75-15-0		80	
dichloroethane, 1,1-	75-34-3		40	
dimethyl phenol, 2,4- (m-xenol)	105-67-9		140	
dimethyl sulfide	75-18-3		2,500	
dioxane, 1,4-, see dioxane, p-				
dioxane, p-	123-91-1		2	
freon-113, see trichlorotrifluoroethane				
m-xenol, see dimethyl phenol, 2,4-				
methyl isobutyl ketone	108-10-1		350	
methyl-t-butyl ether	1634-04-4		40	
n-butyl alcohol, see butanol, n-				
tert-butyl alcohol	75-65-0		920	
tetrahydrofuran	109-99-9		150	
THF, see tetrahydrofuran				
trichlorotrifluoroethane	76-13-1		21,000	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MINNESOTA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
acenaphthene	83-32-9		4,000	
acetone	67-64-1		700	
acifluorfen	5094-66-6		9	
acrylamide	79-06-1		0.1	
acrylonitrile	107-13-1		0.6	
alachlor	15972-60-8		4	
aldicarb	116-06-3		9	
aldrin	309-00-2		0.02	
allyl chloride	107-05-1		1	
ametryn	834-12-8		60	
ammonium sulfamate	7713-06-0		1000	
anthracene	120-12-7		2,000	
antimony	7440-36-0		2	
arsenic	7440-38-2		0.2	
asbestos (long fibers/liter)	1332-21-4		7E+07	
atrazine	1912-24-9		3	
barium	7440-39-3		2000	
baygon	114-26-1		3	
bentazon	25057-89-0		20	
benzene	71-43-2		10	
benzidine	92-87-5		0.002	
benzoic acid	65-85-0		30,000	
beryllium	7440-41-7		0.08	
biphenyl, 1,1- (diphenyl)	92-52-4		300	
bis(2-chloroethyl)ether	111-44-4		0.3	
bis(2-chloroisopropyl)ether	39638-32-9		300	
bis(2-ethylhexyl)phthalate	117-81-7		20	
bis(chloromethyl)ether	542-88-1		0.002	
boron	7440-42-8		600	
bromacil	314-40-9		80	
bromodichloromethane	75-27-4		3	
bromoform	75-25-2		40	
bromomethane	74-83-9		0.1	
butanol, n-	71-36-3		700	
butylate	2008-41-5		400	
butylbenzyl phthalate	85-68-7		100	
butylphthalyl butylglycolate	85-70-1		7,000	
cadmium	7440-43-9		4	
carbaryl	63-25-2		700	
carbofuran	1563-66-2		40	
carbon disulfide	75-15-0		700	
carbon tetrachloride	56-23-5		3	
carboxin	5234-68-4		700	
chloramben	133-90-4		100	
chlordane	57-74-9		0.3	
chlorobenzene, see monochlorobenzene				
chlorodibromomethane, see dibromochloromethane				
chloroform	67-66-3		60	
chlorophenol, 2-	95-57-8		30	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MINNESOTA

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
chlorothalonil	1897-45-6		100	
chlorpyrifos	2921-88-2		20	
chromium	7440-47-3		100	
chromium III	10025-73-7		20,000	
cobalt	7440-48-4		2	
copper	7440-50-8		1000	
cresol, m, o, p-	108-39-4*		30	1
cyanazine	21725-46-2		10	
cyanide	57-12-5		100	
D, 2,4-	94-75-7		70	
dacthal	1861-32-1		3000	
dalapon	75-99-0		200	
DDT	50-29-3		1	
DEHP, see bis(2-ethylhexyl)phthalate				
di(ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate				
diazinon	333-41-5		0.6	
dibromo-3-chloropropane, 1,2-	96-12-8		0.3	
dibromobenzene, 1,4-	106-37-6		70	
dibromochloromethane	124-48-1		10	
dibromochloromethane	124-48-1		10	
dibromoethane, 1,2-, see ethylene dibromide				
dibutyl phthalate	84-74-2		700	
dicamba	1918-00-9		200	
dichlorobenzene, m-	541-73-1		600	
dichlorobenzene, o-	95-50-1		600	
dichlorobenzene, p-	106-46-7		10	
dichlorobenzidine, 3,3-	91-94-1		0.8	
dichlorodifluoromethane	75-71-8		1000	
dichloroethane, 1,1-	75-34-3		70	
dichloroethane, 1,2-	107-06-2		4	
dichloroethylene, 1,1-	75-35-4		6	
dichloroethylene, cis-1,2-	156-59-2		70	
dichloroethylene, trans-1,2-	156-60-5		100	
dichloromethane	75-09-2		50	
dichlorophenol, 2,4-	120-83-2		20	
dichloropropane, 1,2-	78-87-5		5	
dichloropropene, 1,3-	542-75-6		2	
dieldrin	60-57-1		0.02	
dimethrin	67239-16-1		2000	
dinitrophenol, 2,4-	51-28-5		10	
dinitrotoluene, 2,4-	121-14-2		1	
dinoseb	88-85-7		10	
dioxane, p-	123-91-1		30	
diphenamid	957-51-7		200	
diphenylhydrazine, 1,2-	122-66-7		0.5	
disulfoton	298-04-4		0.3	
diuron	330-54-1		10	

1 \* additional CASNOs are 95-48-7, & 106-44-5.



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MINNESOTA

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
endothall	145-73-3		1000	
endrin	72-20-8		2	
epichlorohydrin	106-89-8		30	
EPTC	759-94-4		200	
ethyl ether	60-29-7		1,000	
ethylbenzene	100-41-4		700	
ethyldipropylthiocarbamate, s-, see EPTC				
ethylene dibromide	106-93-4		0.004	
ethylene glycol	107-21-1		10,000	
ethylene thiourea	96-45-7		2	
ETU, see ethylene thiourea				
fenamiphos	22224-92-6		2	
fluometron	2164-17-2		90	
fluoranthene	206-44-0		300	
fluorene (9H-fluorene)	86-73-7		300	
fluorotrichloromethane	75-69-4		2000	
fonofos	944-22-9		10	
glyphosate	1071-83-6		700	
heptachlor	76-44-8		0.08	
heptachlor epoxide	1024-57-3		0.04	
hexachlorobenzene	118-74-1		0.2	
hexachlorobutadiene	87-68-3		1	
hexachlorocyclohexane (alpha-)	319-84-6		0.06	
hexachlorocyclohexane (beta-)	319-85-7		0.2	
hexachlorodibenzo-p-dioxin (HxCDD)	19408-74-3		0.0001	
hexachloroethane	67-72-1		1	
hexane, n-	110-54-3		4,000	
hexazinone	51235-04-2		200	
isophorone	78-59-1		100	
isopropyl benzene	98-82-8		300	
lead	7439-92-1		20	
lindane	58-89-9		0.3	
linuron	330-55-2		1	
maleic hydrazide	123-33-1		3000	
manganese	7439-96-5		600	
MCPA	94-74-6		4	
mercury	7439-97-6		2	
methomyl	16752-77-5		200	
methoxychlor	72-43-5		30	
methyl ethyl ketone	78-93-3		300	
methyl isobutyl ketone	108-10-1		300	
methyl parathion	298-00-0		2	
metolachlor	51218-45-2		100	
metribuzin	21087-64-9		175	
molybdenum	7439-98-7		40	
monochlorobenzene	108-90-7		100	
n-butanol, see butanol, n-				
n-butyl phthalate, see dibutyl phthalate				
naphthalene	91-20-3		30	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MINNESOTA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
nickel	7440-02-0		100	
nitrate (as N)	14797-55-8		10,000	
nitrite (as N)	14797-65-0		1000	
nitrobenzene	98-95-3		3	
nitrosodi-n-butylamine, n-	924-16-3		0.06	
nitrosodiethylamine, n-	55-18-5		0.002	
nitrosodimethylamine, n-	62-75-9		0.007	
nitrosodiphenylamine, n-	86-30-6		70	
oxamyl	23135-22-0		200	
PAHs (total carcinogenic)	seq:6		0.03	
PAHs (total non-carcinogenic)	----		0.3	
paraquat	1910-42-5		3	
pentachlorobenzene	608-93-5		6	
pentachlorophenol	87-86-5		200	
phenol	108-95-2		4000	
picloram	1918-02-1		500	
prometon	1610-18-0		50	
pronamide	23950-58-5		50	
propachlor	1918-16-7		90	
propazine	139-40-2		10	
propham	122-42-9		100	
selenium	7782-49-2		20	
silver	7440-22-4		20	
simazine	122-34-9		10	
styrene	100-42-5		10	
T, 2,4,5-	93-76-5		70	
tebuthiuron	34014-18-1		500	
terbacil	5902-51-2		100	
terbufos	13071-79-9		1	
tetrachlorobenzene, 1,2,4,5-	95-94-3		2	
tetrachloroethane, 1,1,1,2-	630-20-6		20	
tetrachloroethane, 1,1,2,2-	79-34-5		2	
tetrachloroethylene	127-18-4		7	
tetrachlorophenol, 2,3,4,6-	58-90-2		200	
tetrahydrofuran	109-99-9		100	
thallium	7440-28-0		0.6	
tin	7440-31-5		4000	
toluene	108-88-3		1000	
toxaphene	8001-35-2		0.3	
TP, 2,4,5- (Silvex)	93-72-1		52	
trichloroethane, 1,1,1-	71-55-6		600	
trichloroethane, 1,1,2-	79-00-5		3	
trichloroethylene	79-01-6		30	
trichlorofluoromethane, see fluorotrichloromethane				
trichlorophenol, 2,4,6-	88-06-2		30	
trichloropropane, 1,2,3-	96-18-4		40	
trichlorotrifluoroethane	76-13-1		200,000	
trifluralin	1582-09-8		6	
trinitrobenzene, 1,3,5-	99-35-4		0.3	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
MINNESOTA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
vanadium	7440-62-2		40	
vinyl chloride	75-01-4		0.1	
xylene	1330-20-7		10,000	
zinc	7440-66-6		1,000	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
NEW HAMPSHIRE

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
acetone	67-64-1		700	
acrylamide	79-06-1		0	
acrylonitrile	107-13-1		0.06	
aldrin	309-00-2		0.002	
allyl chloride	107-05-1		7.4	
benzidine	92-87-5		2E-4	
bis(2-chloroethyl)ether	111-44-4		0.03	
bis(chloromethyl)ether	542-88-1		1.6 E-4	
butadiene, 1,3-	106-99-0		0.019	
camphor	76-22-2		200	
DDT	50-29-3		0.1	
dichlorobenzidine, 3,3-	91-94-1		0.021	
dichloroethane, 1,1-	75-34-3		81	
dieldrin	60-57-1		0.002	
dinitrotoluene, 2,4-	121-14-2		0.11	
diphenylhydrazine, 1,2-	122-66-7		0.05	
ethylene glycol	107-21-1		7000	
hexachlorocyclohexane (alpha-)	319-84-6		0.006	
hexachlorocyclohexane, technical	608-73-1		0.02	
hexachlorodibenzodioxin	34465-46-8		5.6E-6	
methyl ethyl ketone	78-93-3		170	
methyl-t-butyl ether	1634-04-4		100	
phenol	108-95-2		4000	
tetrahydrofuran	109-99-9		154	
trichlorophenol, 2,4,6-	88-06-2		1.9	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
NEW JERSEY

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
benzene	71-43-2	1		1
carbon tetrachloride	56-23-5	2		
chlordan	57-74-9	0.5		
dichlorobenzene, m-	541-73-1	600		
dichlorobenzene, o-	95-50-1	600		
dichloroethane, 1,1-	75-34-3		90	
dichloroethane, 1,2-	107-06-2	2		
dichloroethylene, 1,1-	75-35-4	2		
dichloroethylenes, 1,2-	540-59-0	10*		2
dichloromethane	75-09-2	2		
ethylene glycol	107-21-1		290	
formaldehyde	50-00-0		100	
hexane, n-	110-54-3		33	
methyl ethyl ketone	78-93-3		270	
methyl-t-butyl ether	1634-04-4		700	
methylene chloride, see dichloromethane				
monochlorobenzene	108-90-7	4*		2
naphthalene	91-20-3		300	
PCBs	1336-36-3	0.5		
tetrachloroethane, 1,1,2,2-	79-34-5		1	
tetrachloroethylene	127-18-4	1		
trichlorobenzene, 1,2,4-	120-82-1	8		
trichloroethane, 1,1,1-	71-55-6	26		
trichloroethane, 1,1,2-	79-00-5		3	
trichloroethylene	79-01-6	1		
vinyl chloride	75-01-4	2		
xylene	1330-20-7	44*		2

- 1 Guidelines for a 1 year versus lifetime exposure period are available for all compounds listed as having standards.
- 2 Current standard under review.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
NEW YORK

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
principal organic contaminant	--	5		
total principal and unspecific organic contam.	--	100		
unspecified organic contaminant	--	50		

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
NORTH CAROLINA

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
butanone, 2-, see methyl ethyl ketone				
chloro, 1-, epoxypropane, 2,3-, see epichlorohydrin				
chlorophenol, 2-	95-57-8		0.1	
dibromo-3-chloropropane, 1,2-	96-12-8		0.025	
dichlorodifluoromethane	75-71-8		0.19	
diethylene dioxide, 1,4-, see dioxane, p-				
dioxane, p-	123-91-1		7	
epichlorohydrin	106-89-8		3.54	
ethylene glycol	107-21-1		7,000	
fluoride	16984-48-8	1000		1
freon-12, see dichlorodifluoromethane				
halon, see dichlorodifluoromethane				
hexane, n-	110-54-3		14,300	
iron	7439-89-6	300		1
manganese	7439-96-5	50		1
MEK, see methyl ethyl ketone				
methyl ethyl ketone	78-93-3		170	
methyl-t-butyl ether	1634-04-4		200	
total trihalomethanes	NA	100*		2
xylene	1330-20-7		400	
pH	NA	<6.5		3

1 Treatment required for non-compliers.

2 \*The TTHM regulations are also applied to utilities serving less than 10,000 pop.

3 Treatment required for non-compliance

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
RHODE ISLAND

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
nitrogen (total)	7727-37-9		10,000	
PCBs	1336-36-3		0.5	
polychlorinated biphenyls, see PCBs				
sodium	7440-23-5		25-100 ppm	1
xylene	1330-20-7		10,000	

1 At levels above 25ppm, physicians must be notified. At levels above 100ppm, consumers must be notified.



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
U.S.E.P.A.

Chemical		Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #			
acrylamide	79-06-1	TT*		1
adipates (DEHA), see di(2-ethylhexyl)adipate				
alachlor	15972-60-8	2		
aldicarb	116-06-3		7	
aldicarb sulfone	1646-08-4		7	
aldicarb sulfoxide	1646-87-3		7	
aluminum	7429-90-5		50-200/SMCL*	2
ametryn	834-12-8		60	
ammonium sulfamate	7713-06-0		2000	
antimony	7440-36-0	6		
arsenic	7440-38-2	50*		3
asbestos (long fibers/liter)	1332-21-4	7E+06		
atrazine	1912-24-9	3	3	
barium	7440-39-3	2000	2000	
basagran, see bentazon				
baygon	114-26-1		3	
bentazon	25057-89-0		20	
benzene	71-43-2	5		
benzo-a-pyrene	50-32-8	0.2		
beryllium	7440-41-7	4		
beta particle and photon activity	12587-47-2	4mrem/yr		
bis(2-chloroisopropyl)ether	39638-32-9		300	
bis(2-ethylhexyl)phthalate	117-81-7	6		
boron	7440-42-8		600	
bromacil	314-40-9		90	
bromochloromethane	74-97-5		90	
bromodichloromethane	75-27-4	100		
bromoform	75-25-2	100		
bromomethane	74-83-9		10	
butylate	2008-41-5		350	
cadmium	7440-43-9	5	5	
carbaryl	63-25-2		700	
carbofuran	1563-66-2	40	40	
carbon tetrachloride	56-23-5	5		
carboxin	5234-68-4		700	
chloral hydrate	302-17-0		60	
chloramben	133-90-4		100	
chloramine	55-86-7		3,000	
chlordane	57-74-9	2		
chloride	7440-61-1		250,000/SMCL	4
chlorine dioxide	10049-04-4		80	
chlorobenzene, see monochlorobenzene				
chlorodibromomethane, see dibromochloromethane				
chloroform	67-66-3	100		

- 1 \* TT means treatment technique: MCLG = zero.
- 2 SMCL means the non-health secondary maximum contaminant level.
- 3 \*Under review.
- 4 SMCL = secondary maximum contaminant level, non-health based.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
U.S.E.P.A.

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
chloromethane	74-87-3		3	
chlorophenol, 2-	95-57-8		40	
chlorotoluene, o-	95-09-8		100	
chlorotoluene, p-	106-43-4		100	
chlorpyrifos	2921-88-2		20	
chromium	7440-47-3	100	100	
color	---		15 CU/SNCL*	1
copper	7440-50-8	1,300/AL	1,000/SNCL	2
corrosivity	---		non-cor/SNCL	3
cyanazine	21725-46-2		1	
cyanide	57-12-5		200	
cyclonite, see RDX				
D, 2,4-	94-75-7	70	70	
dacthal	1861-32-1		4000	
dalapon	75-90-0	200	200	
DBCP, see dibromo-3-chloropropane, 1,2-				
DEHP, see bis(2-ethylhexyl)phthalate				
di(2-ethylhexyl)adipate	103-23-1	400	400	
diazinon	333-41-5		0.6	
dibromo-3-chloropropane, 1,2-	96-12-8	0.2		
dibromoacetonitrile	3252-43-5		20	
dibromochloromethane	124-48-1	100	60	
dicamba	1918-00-9		200	
dichloroacetonitrile	3018-12-0		6	
dichlorobenzene, m-	541-73-1	600	600	
dichlorobenzene, o-	95-50-1	600	600	
dichlorobenzene, p-	106-46-7	75	75	
dichlorodifluoromethane	75-71-8		1000	
dichloroethane, 1,2-	107-06-2	5		
dichloroethylene, 1,1-	75-35-4	7	7	
dichloroethylene, cis-1,2-	156-59-2	70	70	
dichloroethylene, trans-1,2-	156-60-5	100	100	
dichloromethane	75-09-2	5		
dichlorophenol, 2,4-	120-83-2		20	
dichloropropane, 1,2-	78-87-5	5		
diethyl phthalate (PAE)	84-66-2		5,000	
diisopropyl methylphosphonate (DIMP)	1445-75-6		600	
dimethrin	67239-16-1		2000	
dimethyl methylphosphonate	756-79-6		100	
dinitrobenzene, 1,3-	99-65-0		1	
dinoseb	88-85-7	7	7	
diphenamid	957-51-7		200	
diphenylamine	122-39-4		200	
diquat	85-00-7	20	20	

- 1 SNCL = secondary maximum contaminant level, non-health based.
- 2 AL=action level is the tap water concentration at which remedial  
SNCL=Secondary Maximum Contaminant Level.
- 3 SNCL = secondary maximum contaminant level, non-health based.

CU = color units  
response is called for;  
non-cor = non-corrosive.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
acenaphthene	83-32-9	MN		4,000	
acephate	30560-19-1	AZ		4	
acetone	67-64-1	MA		700	
	67-64-1	MD		3600	
	67-64-1	MN		700	
	67-64-1	NH		700	
acifluorfen	5094-66-6	ME		10	
	5094-66-6	MN		9	
acrolein	107-02-8	AZ		320	
acrylamide	79-06-1	AZ		0.01	
	79-06-1	EPA	TT*		1
	79-06-1	ME		0.1	
	79-06-1	MN		0.1	
	79-06-1	NH		0	
acrylonitrile	107-13-1	AZ		0.15	
	107-13-1	CT		35	
	107-13-1	MN		0.6	
	107-13-1	NH		0.06	
adipates (DEHA), see di(2-ethylhexyl)adipate					
alachlor	15972-60-8	AZ		0.15	
	15972-60-8	CA		0.2	
	15972-60-8	EPA	2		
	15972-60-8	ME		2	
	15972-60-8	MN		4	
aldicarb	116-06-3	AZ		9	
	116-06-3	CA		10	
	116-06-3	EPA		7	
	116-06-3	MA		10	
	116-06-3	ME		2	
	116-06-3	MN		9	
	116-06-3	VI		1	
aldicarb sulfone	1646-88-4	EPA		7	
	1646-88-4	MA		40	
aldicarb sulfoxide	1646-87-3	EPA		7	
	1646-87-3	MA		10	

1 \* TT means treatment technique: MCLG = zero.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
aldrin	309-00-2	AZ		0.002	
	309-00-2	CA		0.05	1
	309-00-2	IL	1		
	309-00-2	MN		0.02	
	309-00-2	NH		0.002	
allyl chloride	107-05-1	MN		1	
	107-05-1	NH		7.4	
aluminum	7429-90-5	AZ		73	
	7429-90-5	CA	1000		
	7429-90-5	EPA		50-200/SMCL*	2
	7429-90-5	ME		1430	
ametryn	834-12-8	EPA		60	
	834-12-8	ME		60	
	834-12-8	MN		60	
amiben, see chloramben					
ammonium sulfamate	7713-06-0	EPA		2000	
	7713-06-0	ME		1500	
	7713-06-0	MN		1000	
anthracene	120-12-7	MN		2,000	
antimony	7440-36-0	AZ		14	
	7440-36-0	EPA	6		
	7440-36-0	MN		2	
arsenic	7440-38-2	AL	50		
	7440-38-2	AZ	50	50	
	7440-38-2	EPA	50*		3
	7440-38-2	MN		0.2	
asbestos (long fibers/liter)	1332-21-4	EPA	7E+06		
	1332-21-4	MN		7E+07	
atrazine	1912-24-9	AZ		3	
	1912-24-9	CA	3		
	1912-24-9	EPA	3	3	
	1912-24-9	ME		3	
	1912-24-9	MN		3	
azinophosmethyl	86-50-0	ME		25	

1 Established at limit of quantification.

2 SMCL means the non-health secondary maximum contaminant level.

3 \*Under review.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
barium	7440-39-3	AL	1000		
	7440-39-3	AZ	1000	1500	
	7440-39-3	EPA	2000	2000	
	7440-39-3	ME		1500	
	7440-39-3	MN		2000	
basagran, see bentazon					
baygon	114-26-1	AZ		3	
	114-26-1	CA		90	
	114-26-1	EPA		3	
	114-26-1	ME		3	
	114-26-1	MN		3	
bentazon	25057-89-0	CA	18		
	25057-89-0	EPA		20	
	25057-89-0	ME		17.5	
	25057-89-0	MN		20	
benzalkonium chloride	8001-54-5	MD		10	
benzene	71-43-2	AL	5		
	71-43-2	AZ	5	1.3	
	71-43-2	CA	1		
	71-43-2	CT		1	
	71-43-2	EPA	5		
	01-43-2	FL	1		
	71-43-2	ME		5	
	71-43-2	MN		10	
	71-43-2	NJ	1		1
benzene, a- hexachloride, see hexachlorocyclohexane (alpha-)					
benzene, b- hexachloride, see hexachlorocyclohexane (beta-)					
benzidine	92-87-5	AZ		0.0001	
	92-87-5	MN		0.002	
	92-87-5	NH		2E-4	
benzo-a-pyrene	50-32-8	AZ		0.003	
	50-32-8	EPA	0.2		
benzoic acid	65-85-0	MN		30,000	
beryllium	7440-41-7	AZ		0.007	
	7440-41-7	EPA	4		

1 Guidelines for a 1 year versus lifetime exposure period are available for all compounds listed as having standards.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	7440-41-7	MN		0.08	
beta particle and photon activity	12587-47-2	EPA	4mrem/yr		
biphenyl, 1,1- (diphenyl)	92-52-4	MN		300	
bis(2-chloroethyl)ether	111-44-4	AZ		0.030	
	111-44-4	ME		8.3	
	111-44-4	MN		0.3	
	111-44-4	NH		0.03	
bis(2-chloroisopropyl)ether	39638-32-9	EPA		300	
	39638-32-9	ME		250	
	39638-32-9	MN		300	
bis(2-ethylhexyl)phthalate	117-81-7	CA	4		
	117-81-7	EPA	6		
	117-81-7	MA		10	
	117-81-7	ME		25	
	117-81-7	MN		20	
bis(chloromethyl)ether	542-88-1	MN		0.002	
	542-88-1	NH		1.6 E-4	
bolero, see thiobencarb					
boron	7440-42-8	EPA		600	
	7440-42-8	ME		620	
	7440-42-8	MN		600	
bromacil	314-40-9	AZ		80	
	314-40-9	EPA		90	
	314-40-9	ME		25	
	314-40-9	MN		80	
bromide	24959-67-9	ME		660	
bromochloromethane	74-97-5	EPA		90	
	74-97-5	ME		92	
bromodichloromethane	75-27-4	AZ		0.19	
	75-27-4	EPA	100		
	75-27-4	MN		3	
bromoform	75-25-2	AZ		0.19	
	75-25-2	EPA	100		
	75-25-2	MD		40	
	75-25-2	MN		40	
bromomethane	74-83-9	AZ		0.19	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	74-83-9	EPA		10	
	74-83-9	MA		10	
	74-83-9	ME		10	
	74-83-9	MN		0.1	
butachlor	23184-66-9	ME		20	
butadiene, 1,3-	106-99-0	NH		0.019	
butanol, n-	71-36-3	MI		700	
	71-36-3	MN		700	
butanone, 2-, see methyl ethyl ketone					
butylate	2008-41-5	EPA		350	
	2008-41-5	ME		360	
	2008-41-5	MN		400	
	2008-41-5	VI		67	
butylbenzyl phthalate	85-68-7	MN		100	
butylphthalyl butylglycolate	85-70-1	MN		7,000	
cadmium	7440-43-9	AL	10		
	7440-43-9	AZ	10	5	
	7440-43-9	EPA	5	5	
	7440-43-9	ME		5	
	7440-43-9	MN		4	
camphor	76-22-2	NH		200	
captan	133-06-2	AZ		91	
	133-06-2	CA		350	
	133-06-2	ME		100	
carbaryl	63-25-2	AZ		700	
	63-25-2	CA		60	
	63-25-2	EPA		700	
	63-25-2	ME		164	
	63-25-2	MN		700	
	63-25-2	VI		960	
carbofuran	1563-66-2	AZ		36	
	1563-66-2	CA	18		
	1563-66-2	EPA	40	40	
	1563-66-2	ME		40	
	1563-66-2	MN		40	
	1563-66-2	VI	40		
carbon disulfide	75-15-0	AZ		830	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	75-15-0	NI		80	
	75-15-0	MN		700	
carbon tetrachloride	56-23-5	AL	5		
	56-23-5	AZ	5	0.27	
	56-23-5	CA	0.5		
	56-23-5	CT		5	
	56-23-5	EPA	5		
	56-23-5	FL	3		
	56-23-5	ME		2.7	
	56-23-5	MN		3	
	56-23-5	NJ	2		
carboxin	5234-68-4	EPA		700	
	5234-68-4	ME		700	
	5234-68-4	MN		700	
chloral hydrate	302-17-0	EPA		60	
chloramben	133-90-4	EPA		100	
	133-90-4	ME		105	
	133-90-4	MN		100	
	133-90-4	VI		150	
chloramine	55-86-7	EPA		3,000	
	55-86-7	ME		166	
chlorate	10326-21-3	ME		7	
chlordane	57-74-9	AZ		0.022	
	57-74-9	CA	0.1		
	57-74-9	EPA	2		
	57-74-9	ME		0.27	
	57-74-9	MN		0.3	
	57-74-9	NJ	0.5		
chlordimeform	6164-98-3	AZ		0.027	
chloride	7440-61-1	EPA		250,000/SNCL	1
chlorine dioxide	10049-04-4	EPA		80	
	10049-04-4	ME		60	
chlorite	14998-27-7	ME		7	

chloro, 1-, epoxypropane, 2,3-, see epichlorohydrin

chlorobenzene, see monochlorobenzene

1 SNCL = secondary maximum contaminant level, non-health based.



REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current	Current	
Name	CAS #	Agency	Standards (ug/L)	Guidelines (ug/L)	Note
chlorodibromomethane, see dibromochloromethane					
chloroform	67-66-3	AZ		0.49	
	67-66-3	EPA	100		
	67-66-3	MA		5	1
	67-66-3	MN		60	
chloromethane	74-87-3	AZ		0.19	
	74-87-3	EPA		3	
	74-87-3	ME		3	
chlorophenol, 2-	95-57-8	EPA		40	
	95-57-8	MN		30	
	95-57-8	NC		0.1	
chloropicrin	76-06-2	CA		50	2
chlorothalonil	1897-45-6	ME		15	
	1897-45-6	MN		100	
chlorotoluene, o,p-	95-09-8	ME		140	
chlorotoluene, o-	95-09-8	EPA		100	
chlorotoluene, p-	106-43-4	EPA		100	
chlorpyrifos	2921-88-2	EPA		20	
	2921-88-2	MN		20	
chromium	7440-47-3	AL	50		
	7440-47-3	AZ	50	120	
	7440-47-3	EPA	100	100	
	7440-47-3	ME		100	
	7440-47-3	MN		100	
chromium III	10025-73-7	MN		20,000	
CIPC (isopropyl-n-3-chlorophenyl-carbamate)	101-21-3	CA		350	
cis-1,2-dichloroethylene, see dichloroethylene, cis-1,2-					
cobalt	7440-48-4	AZ		0.70	
	7440-48-4	MN		2	
color	---	EPA		15 CU/SMCL*	3

- 1 From non-chlorinated supplies only  
 2 Taste and odor threshold. Secondary action level based on aesthetics.  
 3 SMCL = secondary maximum contaminant level, non-health based. CU = color units

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
copper	7440-50-8	AZ	1000	1300	
	7440-50-8	EPA	1,300/AL	1,000/SMCL	1
	7440-50-8	IL	5,000*		2
	7440-50-8	MA		1300	
	7440-50-8	MN		1000	
corrosivity	---	EPA		non-cor/SMCL	3
cresol, m,o,p-	108-39-4*	MN		30	4
cyanazine	21725-46-2	AZ		9	
	21725-46-2	EPA		1	
	21725-46-2	ME		1	
	21725-46-2	MN		10	
cyanide	57-12-5	AZ		220	
	57-12-5	EPA		200	
	57-12-5	MA		140	
	57-12-5	ME		154	
	57-12-5	MN		100	
cyclonite, see RDX					
D, 2,4-	94-75-7	AL	100		
	94-75-7	AZ	100	70	
	94-75-7	EPA	70	70	
	94-75-7	ME		70	
	94-75-7	MN		70	
dacthal	1861-32-1	AZ		3500	
	1861-32-1	EPA		4000	
	1861-32-1	ME		3500	
	1861-32-1	MN		3000	
	1861-32-1	VI		10	
dalapon	75-99-0	AZ		560	
	75-90-0	EPA	200	200	
	75-90-0	ME		200	
	75-99-0	MN		200	
DBCP, see dibromo-3-chloropropane, 1,2-					
DDT	50-29-3	AZ		0.10	

- 1 AL=action level is the tap water concentration at which remedial response is called for; SMCL=Secondary Maximum Contaminant Level.
- 2 Standard applies only to source water sample.
- 3 SMCL = secondary maximum contaminant level, non-health based. non-cor = non-corrosive.
- 4 \* additional CASNs are 95-48-7, & 106-44-5.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	50-29-3	IL	50		
	50-29-3	ME		0.83	
	50-29-3	MN		1	
	50-29-3	NH		0.1	
DEHP, see bis(2-ethylhexyl)phthalate					
di(2-ethylhexyl) adipate	103-23-1	ME		400	
di(2-ethylhexyl)adipate	103-23-1	EPA	400	400	
di(2-ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate					
di(ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate					
diazinon	333-41-5	AZ		0.63	
	333-41-5	CA		14	
	333-41-5	EPA		0.6	
	333-41-5	ME		0.63	
	333-41-5	MN		0.6	
dibromo-3-chloropropane, 1,2-					
	96-12-8	AZ		0.025	
	96-12-8	CA	0.2		
	96-12-8	EPA	0.2		
	96-12-8	HI	0.04		
	96-12-8	ME		0.2	
	96-12-8	MN		0.3	
	96-12-8	NC		0.025	
	96-12-8	VI	0.2		
dibromoacetonitrile	3252-43-5	EPA		20	
dibromobenzene, 1,4-	106-37-6	MN		70	
dibromochloromethane					
	124-48-1	AZ		0.19	
	124-48-1	EPA	100	60	
	124-48-1	MN		10	
	124-48-1	MN		10	
dibromoethane, 1,2-, see ethylene dibromide					
dibutyl phthalate					
	84-74-2	ME		220	
	84-74-2	MN		700	
dicamba					
	1918-00-9	AZ		9	
	1918-00-9	EPA		200	
	1918-00-9	ME		200	
	1918-00-9	MN		200	
	1918-00-9	WI		12.5	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
dichloroacetonitrile	3018-12-0	EPA		6	
dichlorobenzene, 1,2-, see dichlorobenzene, o-					
dichlorobenzene, 1,3-, see dichlorobenzene, m-					
dichlorobenzene, 1,4-, see dichlorobenzene, p-					
dichlorobenzene, m-	541-73-1	AZ		620	
	541-73-1	CA		130	1
	541-73-1	EPA	600	600	
	541-73-1	MN		600	
	541-73-1	NJ	600		
	541-73-1	WI		1250	
dichlorobenzene, o-	95-50-1	AZ		620	
	95-50-1	CA		130	1
	95-50-1	EPA	600	600	
	95-50-1	MN		600	
	95-50-1	NJ	600		
	95-50-1	WI	600		
dichlorobenzene, o-,m-	95-50-1	ME		85	
dichlorobenzene, p-	106-46-7	AL	75		
	106-46-7	AZ		75	
	106-46-7	CA	5		
	106-46-7	CT		75	
	106-46-7	EPA	75	75	
	106-46-7	MA		5	
	106-46-7	ME		27	
	106-46-7	MN		10	
	106-46-7	WI	75		
dichlorobenzidine, 3,3-	91-94-1	AZ		0.020	
	91-94-1	MN		0.8	
	91-94-1	NH		0.021	
dichlorodifluoromethane	75-71-8	AZ		1400	
	75-71-8	EPA		1000	
	75-71-8	MA		1,400	
	75-71-8	ME		1050	
	75-71-8	MN		1000	
	75-71-8	NC		0.19	
dichloroethane, 1,1-	75-34-3	CA	5		
	75-34-3	MA		5	

1 Secondary action level based on aesthetics. Action level for sum of 1,2- and 1,3- dichlorobenzene is 130 ppb.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	75-34-3	ME		5	
	75-34-3	MI		40	
	75-34-3	MN		70	
	75-34-3	NH		81	
	75-34-3	NJ		90	
	75-34-3	WI		850	
dichloroethane, 1,2-	107-06-2	AL	5		
	107-06-2	AZ	5	0.38	
	107-06-2	CA	0.5		
	107-06-2	CT		1	
	107-06-2	EPA	5		
	107-06-2	FL	3		
	107-06-2	ME		5	
	107-06-2	MN		4	
	107-06-2	NJ	2		
dichloroethylene, 1,1-	75-35-4	AZ	7	7	
	75-35-4	CA	6		
	75-35-4	CT		7	
	75-35-4	EPA	7	7	
	75-35-4	ME		7	
	75-35-4	MN		6	
	75-35-4	NJ	2		
dichloroethylene, cis-1,2-	156-59-2	CA	6		
	156-59-2	EPA	70	70	
	156-59-2	ME		70	
	156-59-2	MN		70	
	156-59-2	WI	70		
dichloroethylene, trans-1,2-	156-60-5	AZ		70	
	156-60-5	CA	10		
	156-60-5	EPA	100	100	
	156-60-5	ME		70	
	156-60-5	MN		100	
	156-60-5	WI		100	
dichloroethylenes, 1,2-	540-59-0	AZ		70	
	540-59-0	NJ	10*		1
dichloromethane	75-09-2	AZ		4.7	
	75-09-2	CA		40	
	75-09-2	CT		25	
	75-09-2	EPA	5		
	75-09-2	MA		5	
	75-09-2	ME		48	
	75-09-2	MN		50	

1 Current standard under review.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	75-09-2	NJ	2		
dichlorophenol, 2,4-	120-83-2	AZ		21	
	120-83-2	EPA		20	
	120-83-2	ME		20	
	120-83-2	MN		20	
dichloropropane, 1,2-	78-87-5	AZ		0.56	
	78-87-5	CA	5		
	78-87-5	CT		5	
	78-87-5	EPA	5		
	78-87-5	ME		5	
	78-87-5	MN		5	
dichloropropene, 1,3-	542-75-6	CA	0.5		
	542-75-6	CT		10	
	542-75-6	MA		2	
	542-75-6	ME		2	
	542-75-6	MN		2	
dichloropropenes	26952-23-8	AZ		87	
dicofof	115-32-2	AZ		0.08	
dieldrin	60-57-1	AZ		0.001	
	60-57-1	CA		0.05	1
	60-57-1	CT		0.01	
	60-57-1	IL	1		
	60-57-1	ME		0.02	
	60-57-1	MN		0.02	
	60-57-1	NH		0.002	
diethyl phthalate (PAE)	84-66-2	EPA		5,000	
diethylene dioxide, 1,4-, see dioxane, p-					
diethylhexyl phthalate, see bis(2-ethylhexyl)phthalate					
diisopropyl methylphosphonate (DIMP)	1445-75-6	EPA		600	
dimethoate	60-51-5	AZ		1.2	
	60-51-5	CA		140	
	60-51-5	WI		200	
dimethrin	67239-16-1	EPA		2000	
	67239-16-1	ME		2100	
	67239-16-1	MN		2000	

1 Established at limit of quantification.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
dimethyl methylphosphonate	756-79-6	EPA		100	
dimethyl phenol, 2,4- (m-xlenol)	105-67-9	CA		400	1
	105-67-9	MI		140	
dimethyl sulfide	75-18-3	MI		2,500	
dinitrobenzene, 1,3-	99-65-0	EPA		1	
	99-65-0	ME		1	
dinitrophenol, 2,4-	51-28-5	AZ		14	
	51-28-5	ME		31	
	51-28-5	MN		10	
dinitrotoluene, 2,4-	121-14-2	MN		1	
	121-14-2	NH		0.11	
dinoseb	88-85-7	AZ	7	3.5	
	88-85-7	EPA		7	
	88-85-7	MA		5	
	88-85-7	ME		2	
	88-85-7	MN		10	
	88-85-7	WI		13	
dioxane, 1,4-, see dioxane, p-					
dioxane, p-	123-91-1	CT		20	
	123-91-1	MA		50	
	123-91-1	ME		70	
	123-91-1	MI		2	
	123-91-1	MN		30	
	123-91-1	NC		7	
diphenamid	957-51-7	CA		40	
	957-51-7	EPA		200	
	957-51-7	ME		200	
	957-51-7	MN		200	
diphenylamine	122-39-4	EPA		200	
diphenylhydrazine, 1,2-	122-66-7	AZ		0.05	
	122-66-7	MN		0.5	
	122-66-7	NH		0.05	
diquat	85-00-7	EPA	20	20	
	85-00-7	MA		20	
	85-00-7	ME		20	

1 Taste and odor threshold. Secondary action level based on aesthetics.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
disulfoton	298-04-4	AZ		0.3	
	298-04-4	EPA		0.3	
	298-04-4	ME		0.3	
	298-04-4	MN		0.3	
dithiane	12122-67-7	EPA		80	
diuron	330-54-1	AZ		14	
	330-54-1	EPA		10	
	330-54-1	ME		14	
	330-54-1	MN		10	
EDB, see ethylene dibromide					
edetate sodium, see tetrasodium EDTA					
endosulfan	115-29-7	AZ		74	
endothall	145-73-3	AZ		140	
	145-73-3	EPA	100	100	
	145-73-3	ME		140	
	145-73-3	MN		1000	
endrin	72-20-8	AZ	0.2	0.32	
	72-20-8	EPA	2	2	
	72-20-8	ME		0.2	
	72-20-8	MN		2	
epichlorohydrin	106-89-8	AZ		3.5	
	106-89-8	EPA	TT*		1
	106-89-8	ME		35	
	106-89-8	MN		30	
	106-89-8	NC		3.54	
EPTC	759-94-4	AZ		180	
	759-94-4	MN		200	
	759-94-4	VI		250	
ethion	563-12-2	CA		35	
ethyl ether	60-29-7	MN		1,000	
ethylbenzene	100-41-4	AZ		680	
	100-41-4	CA	680		
	100-41-4	EPA	700	700	
	100-41-4	ME		700	
	100-41-4	MN		700	

1 TT means treatment technique; MCLG = zero.



REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	100-41-4	WI	700		
ethyldipropylthiocarbamate, s-, see EPTC					
ethylene dibromide	106-93-4	AZ		0.0005	
	106-93-4	CA	0.02		1
	106-93-4	CT	0.1		
	106-93-4	EPA	0.05		
	106-93-4	FL	0.02		
	106-93-4	HI	0.04		
	106-93-4	MA		0.04	
	106-93-4	ME		0.005	
	106-93-4	MN		0.004	
	106-93-4	VA		0.05	
	106-93-4	WI	0.05		
ethylene dichloride, see dichloroethane, 1,2-					
ethylene glycol	107-21-1	AZ		5500	
	107-21-1	CT		100	
	107-21-1	EPA		7000	
	107-21-1	MA		5500	
	107-21-1	ME		5500	
	107-21-1	MN		10,000	
	107-21-1	NC		7,000	
	107-21-1	NH		7000	
	107-21-1	NJ		290	
ethylene thiourea	96-45-7	ME		3	
	96-45-7	MN		2	
ETU, see ethylene thiourea					
fenamiphos	22224-92-6	AZ		1.8	
	22224-92-6	EPA		2	
	22224-92-6	ME		1.8	
	22224-92-6	MN		2	
fenvalerate	51630-58-1	AZ		180	
fluometron	2164-17-2	EPA		90	
	2164-17-2	ME		90	
	2164-17-2	MN		90	
fluoranthene	206-44-0	MN		300	
fluorene (9H-fluorene)	86-73-7	MN		300	

1 Established at limit of quantification.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
fluoride	16984-48-8	AL	4000		
	16984-48-8	AZ	4000	4000	
	16984-48-8	EPA	4000	2000/SMCL*	1
	16984-48-8	ME		2400	
	16984-48-8	NC	1000		2
fluorotrichloromethane	75-69-4	AZ		2100	
	75-69-4	CA	150		
	75-69-4	EPA		2000	
	75-69-4	MD		8750	
	75-69-4	ME		2300	
	75-69-4	ME		2300	
	75-69-4	MN		2000	
	75-69-4	WI		3500	
foaming agents	---	EPA		500/SMCL*	3
fog oil, see hexachloroethane					
folpet	133-07-3	ME		320	
fonofos	944-22-9	EPA		10	
	944-22-9	ME		14	
	944-22-9	MN		10	
formaldehyde	50-00-0	CA		30	
	50-00-0	EPA		10	
	50-00-0	MD		10	
	50-00-0	ME		30	
	50-00-0	NJ		100	
freon-113, see trichlorotrifluoroethane					
freon-12, see dichlorodifluoromethane					
fuel oil #2	68476-30-2	ME		50	
gasoline	8006-61-9	EPA		5	
	8006-61-9	ME		50	
glyphosate	1071-83-6	AZ		700	
	1071-83-6	CA	700		
	1071-83-6	EPA	700	700	
	1071-83-6	ME		700	
	1071-83-6	MN		700	

- 1 SMCL = secondary maximum contaminant level based on cosmetic effects.  
2 Treatment required for non-compliers.  
3 SMCL = secondary maximum contaminant level, non-health based.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
gross alpha activity	12578-46-1 12587-46-1	AL EPA	15pCi/L 15pCi/L		
gross beta (millirem/yr)	--	AL	4 mrem/y		
halon, see dichlorodifluoromethane					
heptachlor	76-44-8 76-44-8 76-44-8 76-44-8 76-44-8 76-44-8	AZ CA EPA IL ME MN	 0.01 0.4 0.1	0.008    0.08 0.08	
heptachlor epoxide	1024-57-3 1024-57-3 1024-57-3 1024-57-3 1024-57-3 1024-57-3	AZ CA EPA IL ME MN	 0.01 0.2 0.1	0.004    0.04 0.04	
hexachlorobenzene	118-74-1 118-74-1 118-74-1 118-74-1	AZ EPA ME MN	 1	0.02  0.2 0.2	
hexachlorobutadiene	87-68-3 87-68-3 87-68-3	EPA ME MN		1 1 1	
hexachlorocyclohexane (alpha-)	319-84-6 319-84-6 319-84-6	CA MN NH		0.7 0.06 0.006	
hexachlorocyclohexane (beta-)	319-85-7 319-85-7	CA MN		0.3 0.2	
hexachlorocyclohexane, technical	608-73-1	NH		0.02	
hexachlorocyclopentadiene	77-47-4 77-47-4	EPA ME	50	 50	
hexachlorocyclohexane (gamma-), see lindane					
hexachlorodibenzo-p-dioxin (HxCDD)	19408-74-3	MN		0.0001	
hexachlorodibenzodioxin	34465-46-8	NH		5.6E-6	
hexachloroethane	67-72-1	EPA		1	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	67-72-1	MN		1	
hexachlorophene	70-30-4	NE		2	
hexane, n-	110-54-3	AZ		4000	
	110-54-3	NE		4000	
	110-54-3	MN		4,000	
	110-54-3	NC		14,300	
	110-54-3	NJ		33	
hexachloroethane	67-72-1	NE		1	
hexazinone	51235-04-2	EPA		200	
	51235-04-2	NE		210	
	51235-04-2	MN		200	
HMX	2691-41-0	EPA		400	
hydroquinone	123-31-9	ND		10	
iodide	20461-54-5	NE		340	
iron	7439-89-6	EPA		300/SNCL*	1
	7439-89-6	IL	1000		2
	7439-89-6	ND		300	
	7439-89-6	NE		340	
	7439-89-6	NC	300		3
isophorone	78-59-1	EPA		100	
	78-59-1	NE		140	
	78-59-1	MN		100	
isopropanol	67-63-0	ND		3000	
isopropyl alcohol	67-63-0	CT		1,000	
isopropyl alcohol, see isopropanol					
isopropyl benzene	98-82-8	MN		300	
isopropyl methylphosphonate	1832-54-8	EPA		700	
kerosene	8008-20-6	NE		50	
lead	7439-92-1	AL	20		
	7439-92-1	AZ	50	20	

- 1 SNCL = secondary maximum contaminant level, non-health based.
- 2 Only for communities serving more than 1,000 persons.
- 3 Treatment required for non-compliers.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	7439-92-1	EPA	15/AL*		1
	7439-92-1	IL	50*		2
	7439-92-1	ME		20	
	7439-92-1	MN		20	
Lindane	58-89-9	AL	4		
	58-89-9	AZ	4	0.2	
	58-89-9	EPA	0.2	0.2	
	58-89-9	ME		0.2	
	58-89-9	MN		0.3	
linuron	330-55-2	MN		1	
m-xylenol, see dimethyl phenol, 2,4-					
malathion	121-75-7	AZ		140	
	121-75-7	CA		160	
	121-75-7	EPA		200	
	121-75-7	ME		40	
maleic hydrazide	123-33-1	EPA		4000	
	123-33-1	ME		3500	
	123-33-1	MN		3000	
mancozeb	8018-01-7	AZ		21	
maneb	12427-38-2	AZ		35	
	12427-38-2	ME		10	
manganese	7439-96-5	CT		5000	
	7439-96-5	EPA		50/SMCL*	3
	7439-96-5	IL	150		4
	7439-96-5	MD		50	
	7439-96-5	ME		200	
	7439-96-5	MN		600	
	7439-96-5	NC	50		5
MCPA	94-74-6	EPA		10	
	94-74-6	ME		2.5	
	94-74-6	MN		4	
MEK, see methyl ethyl ketone					
mercury	7439-97-6	AL	2		

- 1 AL = level in the tap water at which remedial action is required. MCLG is zero.
- 2 Standard applies only to source water sample.
- 3 SMCL = secondary maximum contaminant level.
- 4 Only for communities serving more than 1,000 persons.
- 5 Treatment required for non-compliers.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
	7439-97-6	AZ	2	3	
	7439-97-6	EPA	2	2	
	7439-97-6	ME		2	
	7439-97-6	MN		2	
methanol	16752-77-5	AZ		180	
	16752-77-5	EPA		200	
	16752-77-5	ME		50	
	16752-77-5	MN		200	
methoxychlor	72-43-5	AL	100		
	72-43-5	AZ	100	340	
	72-43-5	CA	0.01		
	72-43-5	EPA	40	40	
	72-43-5	ME		100	
	72-43-5	MN		30	
methyl ethyl ketone	78-93-3	AZ		170	
	78-93-3	CT		1000	
	78-93-3	MA		350	
	78-93-3	ME		170	
	78-93-3	MN		300	
	78-93-3	NC		170	
	78-93-3	NH		170	
	78-93-3	NJ		270	
methyl isobutyl ketone	108-10-1	MA		350	
	108-10-1	MI		350	
	108-10-1	MN		300	
methyl methacrylate	80-62-6	ME		200	
methyl parathion	298-00-0	AZ		1.8	
	298-00-0	CA		30	
	298-00-0	EPA		2	
	298-00-0	ME		2	
	298-00-0	MN		2	
methyl-t-butyl ether	1634-04-4	CT		100	
	1634-04-4	EPA		40	
	1634-04-4	FL	50		1
	1634-04-4	MA		50	
	1634-04-4	ME		50	
	1634-04-4	MI		40	
	1634-04-4	NC		200	
	1634-04-4	NH		100	
	1634-04-4	NJ		700	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current	Current	
Name	CAS #	Agency	Standards	Guidelines	Note
			(ug/L)	(ug/L)	
methylene chloride, see dichloromethane					
metolachlor	51218-45-2	EPA		70	
	51218-45-2	MA		8	
	51218-45-2	ME		100	
	51218-45-2	MN		100	
	51218-45-2	WI		15	
metribuzin	21087-64-9	EPA		200	
	21087-64-9	ME		175	
	21087-64-9	MN		175	
	21087-64-9	WI		250	
molybdenum	7439-98-7	AZ		70	
	7439-98-7	EPA		40	
	7439-98-7	MN		40	
monochlorobenzene	108-90-7	AZ		60	
	108-90-7	CA	30		
	108-90-7	EPA	100	100	
	108-90-7	ME		47	
	108-90-7	MN		100	
	108-90-7	NJ	4*		1
	108-90-7	WI	100		
MTBE, see methyl-t-butyl ether					
n-butanol, see butanol, n-					
n-butyl alcohol, see butanol, n-					
n-butyl phthalate, see dibutyl phthalate					
naphthalene	91-20-3	EPA		20	
	91-20-3	ME		25	
	91-20-3	MN		30	
	91-20-3	NJ		300	
napthalene	91-20-3	FL	100		2
nickel	7440-02-0	AZ		150	
	7440-02-0	EPA	100	100	
	7440-02-0	ME		150	
	7440-02-0	MN		100	
nitrate (as N)	14797-55-8	AL	10,000		

1 Current standard under review.

2 Groundwater cleanup regs

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
	14797-55-8	EPA	10,000	10,000	
	14797-55-8	ME		10,000	
	14797-55-8	MN		10,000	
nitrate + nitrite (both as N)	---	EPA	10,000		
nitrite (as N)	14797-65-0	EPA	1000	1000	
	14797-65-0	ME		1000	
	14797-65-0	MN		1000	
nitrobenzene	98-95-3	AZ		3.5	
	98-95-3	ME		1.4	
	98-95-3	MN		3	
nitrogen (total)	7727-37-9	AZ	10,000	10,000	
	7727-37-9	RI		10,000	
nitroguanidine	556-88-7	EPA		700	
	556-88-7	ME		700	
nitrophenol	seq:55	ME		83	
nitrophenol, p-	100-02-7	EPA		60	
nitrosodi-n-butylamine, n-	924-16-3	MN		0.06	
nitrosodiethylamine, n-	55-18-5	MN		0.002	
nitrosodimethylamine, n-	62-75-9	MN		0.007	
nitrosodiphenylamine, n-	86-30-6	MN		70	
nitrosopyrrolidine, n-	930-55-2	AZ		0.02	
odor	---	EPA		3 TON/SMCL*	1
ordran (molinate)	2212-67-1	CA	20		
oxamyl	23135-22-0	AZ		180	
	23135-22-0	EPA	200	200	
	23135-22-0	ME		175	
	23135-22-0	MN		200	
PAHs	seq:6	ME		0.03	
PAHs (excluding naphthalenes)	seq 6	FL	10		2

1 SMCL = secondary maximum contaminant level, non-health based.

TON = threshold odor number

2 Groundwater cleanup regs



REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
PAHs (total carcinogenic)	seq:6	MN		0.03	
PAHs (total non-carcinogenic)	----	MN		0.3	
paraquat	1910-42-5	AZ		3	
	1910-42-5	EPA		30	
	1910-42-5	ME		30	
	1910-42-5	MN		3	
parathion	56-38-2	AZ		30	
	56-38-2	CA		30	
	56-38-2	ME		8.6	
PCBs	1336-36-3	AZ		0.008	
	1336-36-3	CT		1	
	1336-36-3	EPA	0.5		
	1336-36-3	ME		0.05	
	1336-36-3	NJ	0.5		
PCBs	1336-36-3	RI		0.5	
PCNB	82-68-8	CA		0.9	
	82-68-8	ME		71	
pendimethalin	40487-42-1	AZ		280	
pentachlorobenzene	608-93-5	AZ		6	
	608-93-5	MN		6	
pentachlorophenol	87-86-5	AZ		220	
	87-86-5	CA		30	
	87-86-5	EPA	1		
	87-86-5	ME		1	
	87-86-5	MN		200	
phenol	108-95-2	CA		5	1
	108-95-2	EPA		4000	
	108-95-2	MN		4000	
	108-95-2	NH		4000	
phorate	298-02-2	ME		0.2	
picloram	1918-02-1	AZ		49	
	1918-02-1	EPA	500	500	
	1918-02-1	ME		300	
	1918-02-1	MN		500	

1 Taste and odor threshold. Secondary action level based on aesthetics.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
polychlorinated biphenyls, see PCBs					
potassium carbonate	584-08-7	MD		70	
principal organic contaminant	--	NY	5		
prometon	1610-18-0	EPA		100	
	1610-18-0	ME		100	
	1610-18-0	MN		50	
pronamide	23950-58-5	AZ		52	
	23950-58-5	EPA		50	
	23950-58-5	ME		50	
	23950-58-5	MN		50	
propachlor	1918-16-7	EPA		90	
	1918-16-7	ME		92	
	1918-16-7	MN		90	
propanil	709-98-8	ME		40	
propargite	2312-35-8	AZ		160	
propazine	139-40-2	EPA		10	
	139-40-2	ME		14	
	139-40-2	MN		10	
propham	122-42-9	AZ		52	
	122-42-9	EPA		100	
	122-42-9	ME		120	
	122-42-9	MN		100	
radium 226/228	7440-14-4	AL	5 pCi/L		
	7440-14-4	EPA	5 pCi/L*		1
radon	10043-92-2	MA		10,000 pCi/L	
RDX	121-82-4	EPA		2	
resorcinol	108-46-3	ME		140	
rotenone	83-79-4	ME		4	
selenium	7782-49-2	AL	10		
	7782-49-2	AZ	10	45	
	7782-49-2	EPA	50		

1 As of April, 1995, EPA still has revised MCLs of 20 pCi/L for each radium 226 and 228 in proposed but not-adopted stage.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	7782-49-2	ME		10	
	7782-49-2	MN		20	
silver	7440-22-4	AL	50		
	7440-22-4	AZ	50	50	
	7440-22-4	EPA		100/SMCL*	1
	7440-22-4	ME		50	
	7440-22-4	MN		20	
silvex, see TP, 2,4,5-					
simazine	122-34-9	AZ		35	
	122-34-9	CA	10		
	122-34-9	EPA	4	4	
	122-34-9	ME		4	
	122-34-9	MN		10	
	122-34-9	WI		2150	
sodium	7440-23-5	AK		250,000	
	7440-23-5	EPA		20,000*	2
	7440-23-5	FL	160		
	7440-23-5	MA	28,000		
	7440-23-5	RI		25-100 ppm	3
sodium bisulfite	7631-90-5	MD		70	
sodium bromide	7647-15-6	MD		250	
sodium sulfite	7757-83-7	MD		100	
strobane, see toxaphene					
strontium	7440-24-6	EPA		17,000	
	7440-24-6	ME		2400	
strontium 90 (pCi/L)	10098-97-2	AL	8		
styrene	100-42-5	AZ		140	
	100-42-5	EPA	100	100	
	100-42-5	ME		5	
	100-42-5	MN		10	
	100-42-5	WI	100		
sulfate	14808-79-8	EPA	*	250,000/SMCL	4

- 1 SMCL= secondary maximum contaminant level based on cosmetic effects.  
 2 Guidance level at which physicians should be notified.  
 3 At levels above 25ppm, physicians must be notified. At levels above 100ppm, consumers must be notified.  
 4 \*Primary standard is under review. SMCL= secondary maximum contaminant level, non-health basis.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	14808-79-8	UT	1E+6	5E+5	1
T, 2,4,5-	93-76-5	EPA		70	
	93-76-5	ME		70	
	93-76-5	MN		70	
TCDD, 2,3,7,8-	1746-01-6	EPA	3E-05		
	1746-01-6	ME		2.2E-6	
TDS	--	UT	2E+6	1E+6	2
tebuthiuron	34014-18-1	AZ		35	
	34014-18-1	EPA		500	
	34014-18-1	ME		500	
	34014-18-1	MN		500	
terbacil	5902-51-2	EPA		90	
	5902-51-2	ME		90	
	5902-51-2	MN		100	
terbufos	13071-79-9	EPA		0.9	
	13071-79-9	ME		0.9	
	13071-79-9	MN		1	
terrachlor, see PCNB					
tert-butyl alcohol	75-65-0	MI		920	
tetrachlorobenzene, 1,2,4,5-	95-94-3	AZ		2	
	95-94-3	MN		2	
tetrachlorodibenzo-p-dioxin, 2,3,7,8-, see TCDD, 2,3,7,8-					
tetrachloroethane, 1,1,1,2-	630-20-6	EPA		70	
	630-20-6	ME		70	
	630-20-6	MN		20	
tetrachloroethane, 1,1,2,2-	79-34-5	AZ		0.17	
	79-34-5	CA	1		
	79-34-5	MN		2	
	79-34-5	NJ		1	
tetrachloroethylene	127-18-4	AZ		0.67	
	127-18-4	CA	5		
	127-18-4	CT		5	
	127-18-4	EPA	5		
	127-18-4	FL	3		

- 1 To use water having over 500mg/L of sulfate, one must demonstrate that better water is not available.  
2 To use water of over 1000mg/L of TDS, one must demonstrate that better water is not available.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
	127-18-4	ME		3	
	127-18-4	MN		7	
	127-18-4	NJ	1		
	127-18-4	WI	5		
tetrachloromethane, see carbon tetrachloride					
tetrachlorophenol, 2,3,4,6-	58-90-2	MN		200	
tetrahydrofuran	109-99-9	MA		1,300	
	109-99-9	MI		150	
	109-99-9	MN		100	
	109-99-9	NH		154	
	109-99-9	WI		50	
tetrasodium EDTA	64-02-8	MD		180	
thallium	7440-28-0	AZ		13	
	7440-28-0	EPA	2	0.4	
	7440-28-0	ME		0.4	
	7440-28-0	MN		0.6	
THF, see tetrahydrofuran					
thiobencarb	28249-77-6	CA	70		
thiram	137-26-8	ME		10	
tin	7440-31-5	MN		4000	
toluene	108-88-3	AZ		2000	
	108-88-3	CA		100	
	108-88-3	CT		1000	
	108-88-3	EPA	1000	1000	
	108-88-3	ME		1400	
	108-88-3	MN		1000	
	108-88-3	WI	1,000		
total dissolved solids (TDS)	---	EPA		500,000/SMCL	1
total principal and unspecific organic contam.	--	NY	100		
total recoverable petroleum hydrocarbons	seq	FL	5,000		2
total trihalomethanes	NA	NC	100*		3
total volatile aromatics	seq	FL	50		2

1 SMCL = secondary maximum contaminant level, non-health based.

2 Groundwater cleanup regs

3 \*The TTHM regulations are also applied to utilities serving less than 10,000 pop.

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current	Current	
Name	CAS #	Agency	Standards (ug/L)	Guidelines (ug/L)	Note
toxaphene	8001-35-2	AL	5		
	8001-35-2	AZ		0.03	
	8001-35-2	AZ	5	0.03	
	8001-35-2	EPA	3		
	8001-35-2	ME		0.3	
	8001-35-2	MN		0.3	
TP, 2,4,5- (Silvex)	93-72-1	AL	10		
	93-72-1	AZ	10	52	
	93-72-1	EPA	50	50	
	93-72-1	ME		1	
	93-72-1	MN		52	
trans-dichloroethylene, see dichloroethylene, trans-1,2-					
trichloroacetic acid	76-03-9	EPA		1	
trichlorobenzene, 1,2,4-	120-82-1	AZ		140	
	120-82-1	EPA	70	70	
	120-82-1	ME		70	
	120-82-1	NJ	8		
trichlorobenzene, 1,3,5-	108-70-3	EPA		40	
	108-70-3	ME		40	
trichloroethane, 1,1,1-	71-55-6	AL	200		
	71-55-6	AZ	200	200	
	71-55-6	CA	200		
	71-55-6	CT		200	
	71-55-6	EPA	200	200	
	71-55-6	ME		200	
	71-55-6	MN		600	
	71-55-6	NJ	26		
trichloroethane, 1,1,2-	79-00-5	AZ		0.61	
	79-00-5	CA	32		
	79-00-5	EPA	5	3	
	79-00-5	ME		3	
	79-00-5	MN		3	
	79-00-5	NJ		3	
trichloroethylene	79-01-6	AL	5		
	79-01-6	AZ	5	3.2	
	79-01-6	CA	5		
	79-01-6	CT		5	
	79-01-6	EPA	5		
	79-01-6	FL	3		
	79-01-6	ME		5	
	79-01-6	MN		30	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #	Agency			
	79-01-6	NJ	1		
trichlorofluoromethane (Freon 11), see fluorotrichloromethane					
trichlorofluoromethane, see fluorotrichloromethane					
trichlorophenol, 2,4,5-	95-95-4	AZ		700	
trichlorophenol, 2,4,6-	88-06-2	AZ		1.8	
	88-06-2	ME		700	
	88-06-2	MN		30	
	88-06-2	NH		1.9	
trichloropropane, 1,2,3-	96-18-4	AZ		42	
	96-18-4	EPA		40	
	96-18-4	HI	0.8		
	96-18-4	ME		40	
	96-18-4	MN		40	
trichlorotrifluoroethane	76-13-1	CA	1200		
	76-13-1	MA		210,000	
	76-13-1	MI		21,000	
	76-13-1	MN		200,000	
	76-13-1	WI		5500	
triethylene glycol	112-27-6	MD		1750	
trifluralin	1582-09-8	AZ		2	
	1582-09-8	EPA		5	
	1582-09-8	ME		2	
	1582-09-8	MN		6	
trihalomethanes (total)	seq:28	AL	100		
	seq:28	AZ	100	0.19	
	seq:28	EPA	100		
	seq:28	ME		100	
trinitrobenzene, 1,3,5-	99-35-4	MN		0.3	
trinitroglycerol	55-63-0	EPA		5	
	55-63-0	ME		5	
trinitrophenol	88-09-1	ME		57	
trinitrotoluene, 2,4,6-	118-96-7	EPA		2	
	118-96-7	ME		2	
tris (1,3-dichloroisopropyl) phosphate	72102-43-3	ME		14	
trithion	786-19-6	CA		7	

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical		Agency	Current Standards (ug/L)	Current Guidelines (ug/L)	Note
Name	CAS #				
tritium (pCi/L)	10028-17-8	AL	20,000		
unspecified organic contaminant	--	NY	50		
uranium (picocuries/liter)	7440-61-1	AZ		35	
	7440-61-1	CA	20	30	
	7440-61-1	MA		10	
vanadium	7440-62-2	AZ		7	
	7440-62-2	MN		40	
vinyl chloride	75-01-4	AL	2		
	75-01-4	AZ		0.015	
	75-01-4	CA	0.5		
	75-01-4	CT		2	
	75-01-4	EPA	2		
	75-01-4	FL	1		
	75-01-4	ME		0.15	
	75-01-4	MN		0.1	
	75-01-4	NJ	2		
vinylidene chloride, see dichloroethylene, 1,1-					
white phosphorus	12185-10-3	EPA		0.1	
xylene, 1,2-	95-47-6	CA	1750		1
xylene, 1,3-	108-38-3	CA	1750		1
xylene, 1,4-	106-42-3	CA	1750		1
xylenes	1330-20-7	AZ		440	
	1330-20-7	EPA	10,000	10,000	
	1330-20-7	ME		600	
	1330-20-7	MN		10,000	
	1330-20-7	NC		400	
	1330-20-7	NJ	44*		2
	1330-20-7	RI		10,000	
	1330-20-7	WI	10,000		
zinc	7440-66-6	AZ	5000	5000	
	7440-66-6	EPA		5,000/SMCL*	3
	7440-66-6	EPA		2000	4
	7440-66-6	IL	5,000		

- 1 Action level for sum of xylene isomers is 620 ppb.
- 2 Current standard under review.
- 3 SMCL = secondary maximum contaminant level, non-health basis.
- 4 Lifetime health advisory for zinc is 2,000 ug/L.



REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
U. S. E. P. A.

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
disulfoton	298-04-4		0.3	
dithiane	12122-67-7		80	
diuron	330-54-1		10	
EDB, see ethylene dibromide				
endosulfan	145-73-3	100	100	
endrin	72-20-8	2	2	
epichlorohydrin	106-89-8	TT*		1
ethylbenzene	100-41-4	700	700	
ethylene dibromide	106-93-4	0.05		
ethylene dichloride, see dichloroethane, 1,2-				
ethylene glycol	107-21-1		7000	
fenamiphos	22224-92-6		2	
fluometron	2164-17-2		90	
fluoride	16984-48-8	4000	2000/SMCL*	2
fluorotrichloromethane	75-69-4		2000	
foaming agents	---		500/SMCL*	3
fog oil, see hexachloroethane				
fonofos	944-22-9		10	
formaldehyde	50-00-0		10	
gasoline	8006-61-9		5	
glyphosate	1071-83-6	700	700	
gross alpha activity	12587-46-1	15pCi/L		
heptachlor	76-44-8	0.4		
heptachlor epoxide	1024-57-3	0.2		
hexachlorobenzene	118-74-1	1		
hexachlorobutadiene	87-68-3		1	
hexachlorocyclopentadiene	77-47-4	50		
hexachloroethane	67-72-1		1	
hexazinone	51235-04-2		200	
HMX	2691-41-0		400	
iron	7439-89-6		300/SMCL*	3
isophorone	78-59-1		100	
isopropyl methylphosphonate	1832-54-8		700	
lead	7439-92-1	15/AL*		4
lindane	58-89-9	0.2	0.2	
malathion	121-75-7		200	
maleic hydrazide	123-33-1		4000	
manganese	7439-96-5		50/SMCL*	5
MCPA	94-74-6		10	
mercury	7439-97-6	2	2	
methomyl	16752-77-5		200	
methoxychlor	72-43-5	40	40	
methyl parathion	298-00-0		2	

- 1 TT means treatment technique; MCLG = zero.
- 2 SMCL = secondary maximum contaminant level based on cosmetic effects.
- 3 SMCL = secondary maximum contaminant level, non-health based.
- 4 AL = level in the tap water at which remedial action is required. MCLG is zero.
- 5 SMCL = secondary maximum contaminant level.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
U.S.E.P.A.

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
methyl-t-butyl ether	1634-04-4		40	
methylene chloride, see dichloromethane				
metolachlor	51218-45-2		70	
metribuzin	21087-64-9		200	
molybdenum	7439-98-7		40	
monochlorobenzene	108-90-7	100	100	
MTBE, see methyl-t-butyl ether				
naphthalene	91-20-3		20	
nickel	7440-02-0	100	100	
nitrate (as N)	14797-55-8	10,000	10,000	
nitrate + nitrite (both as N)	---	10,000		
nitrite (as N)	14797-65-0	1000	1000	
nitroguanidine	556-88-7		700	
nitrophenol, p-	100-02-7		60	
odor	---		3 TON/SMCL*	1
oxamyl	23135-22-0	200	200	
paraquat	1910-42-5		30	
PCBs	1336-36-3	0.5		
pentachlorophenol	87-86-5	1		
phenol	108-95-2		4000	
picloram	1918-02-1	500	500	
prometon	1610-18-0		100	
pronamide	23950-58-5		50	
propachlor	1918-16-7		90	
propazine	139-40-2		10	
propham	122-42-9		100	
radium 226/228	7440-14-4	5 pCi/L*		2
RDX	121-82-4		2	
selenium	7782-49-2	50		
silver	7440-22-4		100/SMCL*	3
silvex, see TP, 2,4,5-				
simazine	122-34-9	4	4	
sodium	7440-23-5		20,000*	4
strontium	7440-24-6		17,000	
styrene	100-42-5	100	100	
sulfate	14808-79-8	*	250,000/SMCL	5
T, 2,4,5-	93-76-5		70	
TCDD, 2,3,7,8-	1746-01-6	3E-05		
tebuthiuron	34014-18-1		500	
terbacil	5902-51-2		90	
terbufos	13071-79-9		0.9	
tetrachloroethane, 1,1,1,2-	630-20-6		70	

- 1 SMCL = secondary maximum contaminant level, non-health based. TON = threshold odor number
- 2 As of April, 1995, EPA still has revised MCLs of 20 pCi/L for each radium 226 and 228 in proposed but not-adopted stage.
- 3 SMCL= secondary maximum contaminant level based on cosmetic effects.
- 4 Guidance level at which physicians should be notified.
- 5 \*Primary standard is under review. SMCL= secondary maximum contaminant level, non-health basis.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
U.S.E.P.A.

Chemical		Current	Current	
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	Note
tetrachloroethylene	127-18-4	5		
tetrachloromethane, see carbon tetrachloride				
thallium	7440-28-0	2	0.4	
toluene	108-88-3	1000	1000	
total dissolved solids (TDS)	---		500,000/SMCL	1
toxaphene	8001-35-2	3		
TP, 2,4,5- (Silvex)	93-72-1	50	50	
trans-dichloroethylene, see dichloroethylene, trans-1,2-				
trichloroacetic acid	76-03-9		1	
trichlorobenzene, 1,2,4-	120-82-1	70	70	
trichlorobenzene, 1,3,5-	108-70-3		40	
trichloroethane, 1,1,1-	71-55-6	200	200	
trichloroethane, 1,1,2-	79-00-5	5	3	
trichloroethylene	79-01-6	5		
trichloropropane, 1,2,3-	96-18-4		40	
trifluralin	1582-09-8		5	
trihalomethanes (total)	seq:28	100		
trinitroglycerol	55-63-0		5	
trinitrotoluene, 2,4,6-	118-96-7		2	
vinyl chloride	75-01-4	2		
vinylidene chloride, see dichloroethylene, 1,1-				
white phosphorus	12185-10-3		0.1	
xylenes	1330-20-7	10,000	10,000	
zinc	7440-66-6		5,000/SMCL*	2
zinc	7440-66-6		2000	3
zinc chloride (as zinc)	7646-85-7		2,000	
pH	---		6.5-8.5/SMCL	2

1 SMCL = secondary maximum contaminant level, non-health based.  
2 SMCL = secondary maximum contaminant level, non-health basis.  
3 Lifetime health advisory for zinc is 2,000 ug/L.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
UTAH

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
sulfate	14800-79-8	1E+6	5E+5	1
TDS	--	2E+6	1E+6	2

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- 1 To use water having over 500mg/L of sulfate, one must demonstrate that better water is not available.
  - 2 To use water of over 1000mg/L of TDS, one must demonstrate that better water is not available.

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
WASHINGTON

Chemical		Current	Current	
Name	CAS #	Standards	Guidelines	Note
		(ug/L)	(ug/L)	
ethylene dibromide	106-93-4		0.05	

REPORT 2  
DETAILED STANDARDS AND GUIDELINES, BY AGENCY  
WISCONSIN

Chemical		Current	Current	Note
Name	CAS #	Standards (ug/L)	Guidelines (ug/L)	
aldicarb	116-06-3		1	
butylate	2008-41-5		67	
carbaryl	63-25-2		960	
carbofuran	1563-66-2	40		
chloramben	133-90-4		150	
dacthal	1861-32-1		10	
dibromo-3-chloropropane, 1,2-	96-12-8	0.2		
dicamba	1918-00-9		12.5	
dichlorobenzene, m-	541-73-1		1250	
dichlorobenzene, o-	95-50-1	600		
dichlorobenzene, p-	106-46-7	75		
dichloroethane, 1,1-	75-34-3		850	
dichloroethylene, cis-1,2-	156-59-2	70		
dichloroethylene, trans-1,2-	156-60-5		100	
dimethoate	60-51-5		200	
dinoseb	88-85-7		13	
EPTC	759-94-4		250	
ethylbenzene	100-41-4	700		
ethylene dibromide	106-93-4	0.05		
fluorotrichloromethane	75-69-4		3500	
metolachlor	51218-45-2		15	
metribuzin	21087-64-9		250	
monochlorobenzene	108-90-7	100		
simazine	122-34-9		2150	
styrene	100-42-5	100		
tetrachloroethylene	127-18-4	5		
tetrahydrofuran	109-99-9		50	
toluene	108-88-3	1,000		
trichlorotrifluoroethane	76-13-1		5500	
xylenes	1330-20-7	10,000		

REPORT 3  
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Current	Current	
Name	CAS #	Agency	Standards (ug/L)	Guidelines (ug/L)	Note
	7440-66-6	MN		1,000	
zinc chloride (as zinc)	7646-85-7	EPA		2,000	
zineb	12122-67-6	AZ		350	
ziram (and Ferbam)	137-30-4	ME		25	
pH	---	EPA		6.5-8.5/SMCL	1
	NA	NC	<6.5		2

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1 SMCL = secondary maximum contaminant level, non-health basis.  
2 Treatment required for non-compliance

