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EPA

SUMMARY OF STATE AND FEDERAL DRINKING WATER STANDARDS AND GUIDELINES

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United States
Environmental Protection
Agency

SUMMARY OF STATE AND FEDERAL DRINKING WATER STANDARDS AND GUIDELINES

February, 1990

By

Chemical Communication Subcommittee
Federal-State Toxicology and
Regulatory Alliance Committee (FSTRAC)

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TABLE OF CONTENTS

INTRODUCTION

SURVEY FORM

REPORT 1 - General Information, by Agency

REPORT 2 - Agency General Information, Summary

REPORT 3 - Agency Directory

REPORT 4 - Factors Used in Developing Guidelines or Standards, by Agency

REPORT 5 - Detailed Standards and Guidelines, by Agency

REPORT 6 - Standards and Guidelines, by Chemical

REPORT 7 - Detailed Standards and Guidelines, by Chemical

REPORT 8 - New Standards, by State

REPORT 9 - New Standards, Summary

INTRODUCTION

This report 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 Regulatory Alliance Committee (FSTRAC). FSTRAC consists of participants from State programs, United States Environmental Protection Agency (USEPA) Regional Office drinking water branches and USEPA Headquarter's Office of Drinking Water for the purpose of exchanging ideas and information on the toxicology and risk assessment of drinking water contaminants. FSTRAC provides an effective medium to coordinate Federal, State and local efforts in standards and guidelines development and risk assessment methodology development. FSTRAC membership is open to any regulatory official employed at the State or Federal level having an interest in risk assessment of drinking water contaminants.

FSTRAC currently has three active subcommittees: Steering, Chemical Communication and Toxicology/Risk Assessment. In early 1987, the Chemical Communications Subcommittee surveyed the drinking water programs from all 50 States and Puerto Rico. The Subcommittee requested information on State contact persons and existing and planned State drinking water standards and guidelines (as of June 30, 1987). This compilation represents the results of a survey conducted during 1989 on drinking water standards and guidelines as of January 1, 1989. The States were asked to report only State standards or guidelines which are not adoptions of existing USEPA standards. The States were also requested to recommend chemicals for which they would like the USEPA to develop standards. A copy of the survey form follows this introduction.

A total of 41 States responded to the survey. From the survey responses, a data base was generated. Information on existing and planned USEPA Maximum Contaminant Levels (MCLs) and Health Advisories was incorporated into the data base 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. Nine separate reports, as described below, were developed using the data base. The States that originally responded were again contacted to verify the data base reports and the information they originally submitted.

The survey responses were categorized into the following nine reports:

1. "General Information, by Agency" which provides a description of the drinking water programs for the individual States and the USEPA.

2. "General Information, Summary" which provides a summary of agency responses regarding their regulatory programs, such as whether standards and/or guidelines have or will be developed, factors considered in setting standards and guidelines and monitoring requirements.

3. "Agency Directory" which lists the Agency responding to the survey, the contact person and their organization, mailing address and telephone number.

Second page of "INTRODUCTION" missing.

NAME OF STATE: _____

SURVEY of STANDARDS or GUIDELINES for FEDERAL-STATE TOXICOLOGY and REGULATORY ALLIANCE COMMITTEE (FSTRAC)

Name of Contact Person:

Name of Informant (if different):

Position:

Agency Name:

Agency Address:

State: _____ Zip Code: _____ Telephone: ( ) _____

I. GENERAL INFORMATION

For the purposes of this questionnaire, standards are distinguished from guidelines.
- Standards are equivalent to maximum contaminant levels (MCLs) established by state statute or regulation and are fully enforceable.
- Guidelines are not specified in law or regulation, but rather through policy, procedure or guidance and may or may not be enforceable.

1. Which agency(ies) in your state is (are) responsible for establishing drinking water standards or guidelines?

2. Does your state have any numerical STANDARDS (MCLs) other than the EPA National Primary Drinking Water Regulation (NPDWR) standards for specific chemical contaminants in drinking water?
Yes ☐ No ☐

3. Does your state have any numerical GUIDELINES for specific chemical contaminants in drinking water?
Yes ☐ No ☐

4. Are your state guidelines enforceable?
Yes (always) ☐ Yes (under certain conditions) ☐
No ☐ N/A (no state guidelines) ☐

5. Is your state considering, or in the process of developing, GUIDELINES or STANDARDS?
Yes ☐ No ☐

6. For TOTAL contaminants (e.g. total VOCs), does your state presently have, other than the EPA primary drinking water standards for TTHMs, any numerical:

STANDARDS? Yes ☐ No ☐

GUIDELINES/ACTION LEVELS Yes ☐ No ☐

If yes, please list the standards and/or guidelines for TOTAL contaminants:

7. Does your state have any standards or guidelines for chemical contaminants other than for specific chemicals? (e.g., treatment techniques or general standards other than those listed under 6 above)

Yes ☐ No ☐

If yes, please list the standards and/or guidelines:

8. For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level?

Yes ☐ No ☐

If yes to Question 8, please provide this level and a brief explanation of how it was chosen:

9. What factors, other than health effects, does your state use in establishing STANDARDS? (please check)

☐ Organoleptic effects
☐ Treatment feasibility
☐ Cost of treatment
☐ Analytical capability
☐ Not applicable
☐ None
☐ Other (specify) _____

10. What factors, other than health effects, does your state use in establishing GUIDELINES? (please check)

☐ Organoleptic effects
☐ Treatment feasibility
☐ Cost of treatment
☐ Analytical capability
☐ Not applicable
☐ None
☐ Other (specify) _____

11. Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements?

Yes ☐ No ☐

12. If yes to Question 11, how do your state regulations differ from the federal requirements? (check appropriate answers)

- ☐ Contaminants
- ☐ Applicability to different size and type of public water systems
- ☐ Frequency
- ☐ Locations
- ☐ Vulnerability factors
- ☐ Other (specify) _____

13. Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, for MCL violations?

Yes ☐ No ☐

14. Does your state have NOTIFICATION REQUIREMENTS at levels of contamination lower than NPDWR MCLs, or for exceeding state guidelines?

Yes ☐ No ☐

****

II. Drinking Water STANDARDS or GUIDELINES

Please list compound name and applicable STANDARDS or GUIDELINES for organic contaminants and/or inorganics regulated by your state. Please provide tentative date in the FUTURE column if a STANDARD or GUIDELINE is in the process of development or if your state is planning to regulate the chemical in drinking water. You may omit duplicate federal standards. Please list compounds in the order of: volatile organics, pesticides, other organics, inorganics, others.

COMPOUND NAME (CAS # if known)	CURRENT		FUTURE (tentative date)	
	Standard (ug/L)	Guideline (ug/L)	Standard	Guideline
e.g., Benzene(71-43-2)	———	1	7/89	———

III. Recommendations for Drinking Water Priority Lists

1. EPA must promulgate MCLGs and MCLs for 25 of the chemicals on Table 1 by January 1, 1991. Please list, with supportive reasons (e.g., monitoring data, toxicity, etc.), up to 25 of these chemicals to which your state would give priority.

CONTAMINANT	REASONS

2. To assist EPA in developing subsequent drinking water priority lists, please list up to 10 chemicals NOT on Table 1 or Table 2 for which you would like to have EPA develop standards in drinking water. Please provide any supportive reasons you may wish to include (e.g., monitoring data, toxicity, etc.).

CONTAMINANT	REASONS

TABLE 1

PRIORITY LIST OF DRINKING WATER CONTAMINANTS

SUBSTANCE	CAS NO.
1.1.1.2-TETRACHLOROETHANE	630206
1.1.2.2-TETRACHLOROETHANE	79345
1.1-DICHLOROETHANE	75343
1.1-DICHLOROPROPENE	563586
1.2.3-TRICHLOROPROPANE	96184
1.3-DICHLOROPROPANE	142289
1.3-DICHLOROPROPENE	542756
2.2-DICHLOROPROPANE	594207
2.4.5-T	93765
2.4-DINITROTOLUENE	121142
ALUMINUM	7429905
AMMONIA	7664417
BORON	7440428
BROMOBENZENE	108861
BROMOCHLOROACETONITRITE	83463621
BROMODICHLOROMETHANE	75274
BROMOFORM	75252
BROMOMETHANE	74839
CHLORAMINES	———
CHLORATE	14866683
CHLORINE	7782505
CHLORINE DIOXIDE	10049044
CHLORITE	14996277
CHLOROETHANE	75003
CHLOROFORM	67663
CHLDOROMETHANE	74873
CHLOROPICRIN	76062
CRYPTOSPORIDIUM	———
CYANAZINE	21725462
CYANOGEN CHLORIDE	506774
DIBROMOACETONITRILE	3252436
DIBROMOCHLOROMETHANE	124481
DIBROMOMETHANE	74853
DICAMBA	1918009
DICHLOROACETONITRILE	3018120
ETU	96457
HYPOCHLORITE ION	14380611
ISOPHORONE	78591
METHYL TERT-BUTYL ETHER	1634044
METOLACHLOR	51218452
METRIBUZIN	21087649
MOLYBDENUM	7439987
OZONE BYPRODUCTS	———
SILVER	7440224
SODIUM	7440235
STRONTIUM	7440246
TRICHLOROACOTONITRILE	545062
TUFLURALIN	1582098
VANADIUM	7440622
ZINC	7440666
o-CHLOROTOLUENE	95408
P-CHLOROTOLUENE	106134
HALOGENATED ACIDS, ALCOHOLS, ALDEHYDES, KETONES AND OTHER NITRILES	———

TABLE 2

REGULATED CONTAMINANTS UNDER THE SDWA OF 1986

VOLATILE ORGANIC CHEMICALS

TRICHLOROETHYLENE
TETRACHLOROETHYLENE
CARBON TETRACHLORIDE
1.1.1-TRICHLOROETHANE
1.2-DICHLOROETHANE
VINYL CHLORIDE
METHYLENE CHLORIDE
BENZENE
CHLOROBENZENE
DICHLOROBENZENE
TRICHLOROBENZENE
1.1-DICHLOROETHYLENE
trans-1.2.DICHLOROETHYLENE
cis-1.2.-DICHLOROETHYLENE

MICROBIOLOGY AND TURBIDITY

TOTAL COLIFORMS
TURBIDITY
GIARDIA LAMBLIA
VIRUSES
STANDARD PLATE COUNT
LEGIONELLA

INORGANICS

ARSENIC
BARIUM
CADMIUM
CHROMIUM
LEAD
MERCURY
NITRATE/NITRITE
SELENIUM
ANTIMONY
ASBESTOS
SULFATE
COPPER
NICKEL
THALLIUM
BERYLLIUM
CYANIDE
FLUORIDE

ORGANICS

ENDRIN
LINDANE
METHOXYCHLOR
TOXAPHENE
2.4.-D
2.4.5-TP
ALDICARB
ALDICARB SULFONE
ALDICARB SULFOXIDE
CHLORDANE
DALAPON
DIQUAT
ENDOTHALL
GLYPHOSATE
CARBOFURAN
ALACHLOR
EPICHLOROHYDRIN
TOLUENE
ADIPATES
2.3.7.8-TCDD (DIOXIN)
ETHYL BENZENE
1.1.2-TRICHLOROETHANE
VYDATE
SIMAZINE
PAH'S
PCB'S
ATRAZINE
PHTHALATES
ACRYLAMIDE
DIBROMOCHLOROPROPANE (DBCP)
1.2.-DICHLOROPROPANE
PENTACHLOROPHENOL
PICHLORAM
DINOSEB
ETHYLENE DIBROMIDE (EDB)
XYLENE
HEXACHLORCYCLOPENTADIENE
HEPTACHLOR
HEPTACHLOR EPOXIDE
STYRENE

RADIONUCLIDES

RADIUM 226 AND 228
BETA PARTICLE AND PHOTON RADIOACTIVITY
URANIUM
GROSS ALPHA PARTICLE ACTIVITY
RADON

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 enforcable: N/A (no state guidelines)

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 contaminents 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 EPAs, 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: Jon Dahl

Position: Manager, Drinking Water Compliance Unit

Agency: Arizona Department of Environmental Quality
2005 North Central
Phoenix, AZ 85004

Phone: 602 257 2209

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

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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
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 enforcable: 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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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
CALIFORNIA

Name of contact person: David P. Spath

Position: Senior Sanitary Engineer

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

Phone: (415)540-3221

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 enforcable: 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 contaminents other than for specific chemicals: No

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes
Risk level = 1.0E-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 EPAs, 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 Unit Leader

Agency: Colorado Department of Health
4210 E. 11th Street
Denver, CO 80220

Phone: 303 331-4546

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 enforcable: N/A (no state guidelines)

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 contaminents 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:
Not applicable

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 EPAs, 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: Carolyn Jean Dupuy

Position: Epidemiology Consultant

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 enforcable: 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 contaminents 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 EPAs, 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: Richard B. Howell, III

Position: Program Treatment Administrator

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

Phone: (302)736-5410

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 enforcable: 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 contaminents 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:
Not applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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: Andrew Reich

Name of person providing information: Connie Garrett

Position: Biological Administrator - Tox. and Hazard Assess.

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

Phone: 904 488-3370

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 enforcable: 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 contaminents 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:
Minimum levels of detection.

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 drinking water, other than the NPDWR requirements: Yes
Contaminants

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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
IDAHO

Name of contact person: Richard Rogers

Position: Senior Water Quality Engineer

Agency: Division of Environment, Water Quality Bureau
State House Mail
Boise, ID 83720

Phone: 208 334-5855

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Water Quality Bureau, Division of Environmental Quality, 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 enforcable: N/A (no state guidelines)
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 contaminents 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
Unless a specific pollutant is identified as a result of a spill or accident.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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: Janice V. Perino

Name of person providing information: Dorothy Bennett

Position: Manager, Compliance Assurance

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

Phone: 217 785 0561

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 enforcable: N/A (no state guidelines)

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 contaminents other than for specific chemicals: No

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:
Organoleptic effects
Treatment feasibility
Cost of treatment

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes
Other
Nitrate monitoring may be as frequent as weekly for surface supplies that have history of periodic excursions.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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

Name of person providing information: Katie Stickel

Position: Environmental Specialist

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

Phone: 515 281-8998

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 enforcable: 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 contaminents 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:
Not applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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 Feild, 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:
Yes
Are state guidelines enforcable: 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 contaminents 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:
Not applicable

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 EPAs, 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
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 or 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 enforcable: 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 contaminents 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:
Not applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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
LOUISIANNA

Name of contact person: William Hews

Position: Chief Engineer

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

Phone: 504 568-5101

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Louisianna 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 enforcable: 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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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: Robert Frakes

Position: State Toxicologist

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 enforcable: 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 petroleum hydrocarbons - 50 ppb.

Does your state have any standards or guidelines for chemical contaminents 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 applicable

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 EPAs, 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: Jeff Underwood

Position: Toxics Coordinator

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

Phone: 301 631-3706

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 enforcable: 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 contaminents other than for specific chemicals: Yes
The Approving Authority establishes minimum disinfectant residuals, (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)

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 EPAs, 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
MASSACHUSETTS

Name of contact person: Karen Martin

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

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

Phone: 617 292-5841

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 enforcable: 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 contaminents 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
We adopt EPA standards which are based on treatment feasibility, cost of treatment, and 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 EPAs, 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
MICHIGAN

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

Position: Toxicologist

Agency: Michigan Dept. of Public Health, CEHS
3500 N. Logan, PO 30035
Lansing, MI 48909

Phone: (517)335-8362

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Center for Env. Health Sciences, 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 enforcable: 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 contaminents 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:

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 EPAs, 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: Thomas Henning

Position: Supervisor, Public Water Supply Unit

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

Phone: 612 623-5227

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 enforcable: 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 contaminents 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:
Not applicable

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 EPAs, 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 enforcable: 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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Treatment feasibility
Analytical capability
Case-by-case basis

Does your state have MONITORING REQUIREMENTS for chemical contaminants in drinking water, other than the NPDWR requirements: Yes
A law passed in 1989 by the Missouri Legislature requires annual testing of regulations, and for those contaminants for which monitoring is otherwise required under the federal Safe Drinking Water Act."

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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: Kathy J. Miller

Position: Environmental Engineer

Agency: Dept. of Health and Env. Sci., Water Qual. Bureau
EMC Box 108
Billings, MT 59102

Phone: 406 657-2616

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 enforcable: 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 contaminents 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 EPAs, 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

Position: Groundwater Geologist

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 enforcable: 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: Yes
GUIDELINES: No
Just MCL.

Does your state have any standards or guidelines for chemical contaminents 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:

The following factors, other than health effects, are used in establishing 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 EPAs, 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: Jeffery 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 enforcable: 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 contaminents 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
Implementation of USEPA MCL's is the rule.

The following factors, other than health effects, are used in establishing GUIDELINES:
None
USEPA MCL's.

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 EPAs, 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: John Dreisig

Position: Environmental Toxicologist

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

Phone: 603 271-4664

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 enforcable: 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 contaminents 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 EPAs, 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 JERSEY

Name of contact person: Leslie McGeorge

Position: Deputy Director, Office of Science and Research

Agency: NJ Department of Environmental Protection
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 rewiew.

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 enforcable: 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 preproposals as first step in dealing with mixtures issue.

Does your state have any standards or guidelines for chemical contaminents 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 level.

The following factors, other than health effects, are used in establishing STANDARDS:
Treatment feasibility
Cost of treatment
Analytical capability
(cost factor considered for noncarcinogens only)

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
Locations
Vulnerability factors

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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 Environmental Improvement 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 enforcable: 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 contaminents 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:
Not applicable

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 EPAs, 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: Senior Sanitary Engineer

Agency: Dept. of Health, Bureau Public Water Supp. Protec.
2 University Place
Albany, NY 12203-3310

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 enforcable: 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: No response
Total of organic chemicals: 100 ug/L.

Does your state have any standards or guidelines for chemical contaminents 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

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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 DAKOTA

Name of contact person: D. Wayne Kern

Position: Drinking Water Program Manager

Agency: Water Supply and Pollution Control Division
1200 Missouri Ave.
Bismarck, ND 58502-5520

Phone: 701 224-2354

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Water Supply and Pollution 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 enforcable: N/A (no state guidelines)
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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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: Stuart F. Bruny, 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 Public 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 enforcable: 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: Yes
GUIDELINES: No
State adopted the Federal VOC regs. into state regulation.

Does your state have any standards or guidelines for chemical contaminents 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

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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: Oklahoma State Department of Health
1000 NE 10th Street
Oklahoma City, OK 73152

Phone: 405 271-7352

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Okalahoma State 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 enforcable: N/A (no state guidelines)
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 contaminents 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 EPAs, 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 Alveyston

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

Agency: Oregon State Health Division
1400 SW 5th Avenue
Portland, OR 97201

Phone: 503 229-5056

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 enforcable: No Response

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 contaminents other than for specific chemicals: No response

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

The following factors, other than health effects, are used in establishing STANDARDS:
Not applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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

REPORT 1
GENERAL INFORMATION, BY AGENCY
PENNSYLVANIA

Name of contact person: John J. Wroblewski

Position: Chief, Engineering Services Section

Agency: Division of Water Supplies
P.O. Box 2357
Harrisburg, PA 17120

Phone: 717 783-3795

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Department of Environmental Resources,
Division of Water Supplies

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 enforcable: 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 contaminents 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 1.0E-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:
Not applicable

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 EPAs, 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
RHODE ISLAND

Name of contact person: Bela T. Matyas

Position: Chief, Office of Environmental Health Risk Assess.

Agency: RI Department of Health
Cannon Blg., 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 enforcable: 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 = 400 ppb; total nitrogen = 10 ppm.

Does your state have any standards or guidelines for chemical contaminents 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
Organoleptic effects for SMCL's. Otherwise, none in general.

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
Locations

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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
SOUTH CAROLINA

Name of contact person: William C. Rowell

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 (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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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

Position: Administrator, Office of Drinking Water

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

Phone: 605 773-3754

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Department of Water and Natural Resources, Office 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 enforcable: N/A (no state guidelines)

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 response
VOC's, IOC's, THM's, Rads, microbiological, surface water organics.

Does your state have any standards or guidelines for chemical contaminents 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
State law does not permit regulations to be more stringent than federal regulations.

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 EPAs, 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
TENNESSEE

Name of contact person: W. David Draughon Jr.

Position: Director

Agency: Division of Water Supply
150 9th Ave. North
Nashville, TN 37219-5405

Phone: 615 741-6636

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 enforcable: 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 contaminents 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:
Not applicable
Uses of water for fish and aquatic life, irrigation, recreation, drinking water and non-degradation of waters of TN.

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable
Uses of water for fish and aquatic life, irrigation, recreation, drinking water and non-degradation of waters of TN.

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 EPAs, 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: L. D. Thurman, P.E.

Name of person providing information: Charles R. Maddox, P.E.

Position: Chief, Bureau of Environmental Health

Agency: Texas Department of Health
1100 West 49th Street
Austin, TX 78756

Phone: 512 458-7542

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Texas Department of Health, Division of Water Hygiene

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 enforcable: 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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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. (ODW)

Name of contact person: Bruce Mintz

Position: Biologist

Agency: U.S. Environmental Protection Agency (ODW)
401 M. St., SW (WH-550D)
Washington, D.C. 20460

Phone: (202)475-9569

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Office of 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 enforcable: N/A (no state guidelines)

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: Yes

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

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 10-4, 10-5 and 10-6 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.

The following factors, other than health effects, are used in establishing STANDARDS:
Organoleptic effects
Treatment feasibility
Cost of treatment
Analytical detection.

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 EPAs, 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 Bureau of Drinking Water/Sanitation
288 N. 1460 West
Utah 84116-0690

Phone: (801)538-6159

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Utah Bureau of Drinking Water/Sanitation

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 enforcable: 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 contaminents other than for specific chemicals: Yes
We have a surface water treatment regulation.

For known human/animal carcinogens, were STANDARDS or GUIDELINES set at a specified risk level: Yes
We adopted the Federal standard

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 NPDWR requirements: Yes
Contaminants
Frequency
Contaminants: sulfates, total dissolved solids.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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
VERMONT

Name of contact person: Kenneth Bannister

Position: Chief Hydrogeologist

Agency: Dept. of Health
60 Main St.
Burlington, VT 05401

Phone: 802-863-7236

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
Dept. 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 enforcable: N/A (no state guidelines)

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
50 ppb with benzene, 100 ppb without benzene.

Does your state have any standards or guidelines for chemical contaminents 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:
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
Contaminants
Frequency
Other
Case by case basis.

Does your state have NOTIFICATION REQUIREMENTS, other than the EPAs, 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
VIRGINIA

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

Position: Director, Division of Water Supply Engineering

Agency: Virginia Department of Health
109 Governor St., Rm. 924
Richmond, VA 23219

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 enforcable: No Response

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 contaminents other than for specific chemicals: No response

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

The following factors, other than health effects, are used in establishing STANDARDS:
Not applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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 enforcable: 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 contaminents 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 applicable

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 EPAs, 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: Robert B. Paul

Position: Staff Sanitarian

Agency: WV Department of Health
1800 Washington St., East
Charleston, WV 25305

Phone: 304 348-2981

General Information:
The agency responsible for establishing drinking water standards or guidelines is:
West Virginia Department of Health, 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 enforcable: 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 contaminents 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 applicable

The following factors, other than health effects, are used in establishing GUIDELINES:
Not applicable

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 EPAs, 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 National 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 enforcable: 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 contaminents 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 EPAs, 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
AGENCY GENERAL INFORMATION, SUMMARY

Agency	Specific Contaminants		Total Contaminants		Considering Guid. or Std.	Cancer Risk Levels	Monitoring Requirements	Standards Enforced	Survey Date
	Std.	Guid.	Std.	Guid.					
AL	Y	N	N	N	Y	N	Y	NA	8/89
AZ	Y	Y	N	Y	Y	Y	Y	Y	8/89
AR	N	N	N	N	N	N	N	NA	8/89
CA	Y	Y	N	N	Y	Y	Y	N	8/89
CO	N	N	N	N	Y	N	N	NA	8/89
CT	Y	Y	N	N	Y	Y	Y	Y	8/89
DE	N	Y	N	N	Y	Y	N	Y	8/89
FL	Y	Y	N	N	Y	Y	Y	N	8/89
ID	Y	N	N	N	N	N	N	NA	8/89
IL	Y	N	N	N	Y	Y	Y	NA	8/89
IA	N	Y	N	N	N	Y	N	Y	8/89
KS	N	Y	N	Y	Y	Y	Y	Y	8/89
KY	N	N	N	N	N	N	N	NA	10/89
LA	N	N	N	N	N	N	N	NA	8/89
ME	N	Y	N	Y	Y	N	N	Y	8/89
MD	N	Y	N	N	Y	Y	N	Y	8/89
MA	Y	Y	N	N	Y	Y	Y	Y	8/89
MI	N	Y	N	N	N	Y	Y	Y	10/89
MN	Y	Y	N	Y	Y	Y	N	N	8/89
MO	N	N	N	N	N	N	Y	Y	8/89
MT	Y	N	N	N	Y	Y	N	N	8/89
NE	N	N	Y	N	N	N	N	NA	8/89
NV	Y	Y	N	N	Y	N	N	Y	8/89
NH	N	Y	N	N	Y	Y	Y	Y	8/89
NJ	Y	Y	N	Y	Y	Y	Y	Y	8/89
NM	N	N	N	N	N	N	N	N	8/89
NY	Y	Y	Y		Y	N	Y	N	8/89
ND	N	N	N	N	N	N	N	NA	8/89
OH	Y	Y	Y	N	Y	Y	Y	Y	10/89
OK	N	N	N	N	N	N	N	NA	8/89
OR	N	N	N	N	N		N		1/90
PA	Y	Y	N	N	Y	Y	Y	Y	8/89
RI	Y	Y	N	Y	Y	Y	Y	Y	8/89
SC	N	N	N	N	N	N	N	NA	8/89
SD	N	N	Y		Y	N	N	NA	8/89
TN	N	N	N	N	N	N	N	Y	8/89
TX	N	N	N	N	N	N	N	NA	8/89
EPA	Y	Y	Y	Y	Y	N	Y	NA	8/89
UT	Y	Y	N	N	Y	Y	Y	N	10/89
VT	Y	N	N	Y	Y	Y	Y	NA	8/89
VA	Y	N	N	N	Y		N		8/89
WA	N	Y	N	N	Y	N	Y	N	8/89
WV	N	N	N	N	N	N	N	NA	8/89
WI	N	Y	N	N	Y	Y	N	Y	8/89
Percentage Yes	45	52	18	11	63	47	45	40	

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REPORT 4
FACTORS USED IN DEVELOPING GUIDELINES(G) OR STANDARDS(S),
BY AGENCY

Agency	Organoleptic	Treatment Feasibility	Treatment Cost	Anal.	N/A	None	Other
AL						GS	
AZ	GS	S	S	GS			S
AR					GS		
CA	GS	S	S	S			
CO		S	S	S	G		
CT		GS	GS	GS			
DE					GS		
FL	G						GS
ID							GS
IL	S	S	S		G		
IA					GS		
KS	G			G	S		
KY					GS		
LA					GS		
ME					S	G	
MD				G		S	G
MA				GS			
MI	G			G			
MN					S	G	
MO		G		G	S		
MT						S	GS
NE							
NV						GS	
NH	GS	S	S	S			S
NJ		S	S	S		G	
NM					G		S
NY	GS	GS	GS	GS			
ND					GS		
OH	GS	GS	GS	GS			
OK						GS	
OR					GS		
PA	G	G		G	S		
RI	G	S					S
SC					GS		
SD						GS	
TN					GS		
TX					GS		
EP	S	S	S			G	S
UT		S	S				G
VT						GS	
VA					GS		
WA		G	G	G	S		
WV					GS		
WI		S	S	S		G	
Total G Responses	10	6	4	11	15	10	5
Total S Responses	7	13	12	10	18	7	8

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
ALABAMA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	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				
dichloroethylene, 1,1-	75-35-4	7				
endrin	72-20-8	0.2				
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	14797-55-8	10,000				
radium 226/228	13982-63-3	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				

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
ARIZONA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acephate	30560-19-1			4		
acrolein	107-02-8			320	2/88	
acrylamide	79-06-1			0.01		
acrylonitrile	107-13-1			0.15		
alachlor	15972-60-8			0.15	2/88	
aldicarb	116-06-3			9	2/88	
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	2/88	
carbon disulfide	75-15-0			830	2/88	
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	2/88	
dibromochloromethane	124-48-1			0.19		
dicamba	1918-00-9			9		
dichlorobenzene, m-	541-73-1			620		
dichlorobenzene, o-	95-50-1			620	2/88	
dichlorobenzene, p-	106-46-7			75	2/88	
dichlorobenzidine, 3,3-	91-94-1			0.020		
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	2/88	
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	2/88	
dicofol	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		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
ARIZONA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
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	2/88	
EPTC	759-94-4			180		
ethylbenzene	100-41-4			680	2/88	
ethylene dibromide	106-93-4			0.0005		
ethylene glycol	107-21-1			5500	2/88	
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	2/88	
hexane, n-	110-54-3			4000	2/88	
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	2/88	
methyl ethyl ketone	78-93-3			170	2/88	
methyl parathion	298-00-0			1.8		
methylene chloride, see dichloromethane						
molybdenum	7439-98-7			70		
monochlorobenzene	108-90-7			60	2/88	
nickel	7440-02-0			150		
nitrobenzene	98-95-3			3.5		
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	56-38-2			30		
PCB's	1336-36-3			0.008		
pendimethalin	40487-42-1			280		
pentachlorobenzene	608-93-5			6		
pentachlorophenol	87-86-5			220	2/88	
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	8001-35-2			0.03		
styrene	100-42-5			140	2/88	
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	2/88	
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		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
ARIZONA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
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	2/88	
vanadium	7440-62-2			7		
vinyl chloride	75-01-4			0.015		
xylenes	1330-20-7			440	2/88	
zinc	7440-66-6	5000		5000		
zineb	12122-67-6			350		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
CALIFORNIA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
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		5/90	4		
bolero, see thiobencarb						
captan	133-06-2			350		
carbaryl	63-25-2			60		
carbofuran	1563-66-2		5/90	18		
carbon tetrachloride	56-23-5	0.5				
chlordane	57-74-9		5/90	0.1		
chloropicrin	76-06-2			50	(37)	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	(20)	3
dichlorobenzene, o-	95-50-1			130	(10)	3
dichlorobenzene, p-	106-46-7	5				
dichloroethane, 1,1-	75-34-3		5/90	5		
dichloroethane, 1,2-	107-06-2	0.5				
dichloroethylene, 1,1-	75-35-4	6				
dichloroethylene, cis-1,2-	156-59-2		5/90	6		
dichloroethylene, trans-1,2-	156-60-5		5/90	10		
dichloromethane	75-09-2			40		
dichloropropane, 1,2-	78-87-5		5/90	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		
dimethylphenol, 2,4-	105-67-9			400	(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
fluorotrichloromethane	75-69-4		5/90	150		
formaldehyde	50-00-0			30		
glyphosate	1071-83-6		5/90	700		
heptachlor	76-44-8		5/90	0.01		
heptachlor epoxide	1024-57-3		5/90	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				
ordram (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		2

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 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
CALIFORNIA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
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		
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1		5/90	1200		
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 fluorotrichlorome						
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				1
xylene, 1,3-	108-38-3	1750				1
xylene, 1,4-	106-42-3	1750				1

1 Action level for sum of xylene isomers is 620 ppb.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
COLORADO

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
diisopropyl methylphosphonate (DIMP)	1445-75-6		9/90			

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
CONNECTICUT

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acrylonitrile	107-13-1			35		
alachlor	15972-60-8				4/90	
aldicarb	116-06-3				4/90	
atrazine	1912-24-9				4/90	
benzene	71-43-2			1		
carbofuran	1563-66-2				4/90	
carbon tetrachloride	56-23-5			5		
chlordane	57-74-9				2/90	
cyanazine	21725-46-2				4/90	
D, 2,4-	94-75-7				4/90	
dibromoethane, 1,2-, see ethylene dibromide						
dicamba	1918-00-9				4/90	
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			0.02		
dinoseb	88-85-7				4/90	
dioxane, p-	123-91-1			20		
ethylene dibromide	106-93-4	0.1			12/89	
ethylene glycol	107-21-1			100		
ethylene thiourea	96-45-7				4/90	
manganese	7439-96-5			5000		
methyl ethyl ketone	78-93-3			1000		
methyl-t-butyl ether (MTBE)	1634-04-4			100		
methylene chloride, see dichloromethane						
metolachlor	51218-45-2				4/90	
PCB's	1336-36-3			1		
simazine	122-34-9				4/90	
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 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
FLORIDA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
benzene	71-43-2	1				
carbon tetrachloride	56-23-5	3				
dichloroethane, 1,2-	107-06-2	3				
ethylene dibromide	106-93-4	0.02				
tetrachloroethylene	127-18-4	3				
trichloroethylene	79-01-6	3				
vinyl chloride	75-01-4	1				

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
ILLINOIS

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
alachlor	15972-60-8					
aldrin	309-00-2	1				
bromodichloromethane	75-27-4					
bromoform	75-25-2			1		
chlordane	57-74-9	3				
chloroform	67-66-3			1		
DDT	50-29-3	50				
dibromochloromethane	124-48-1			1		
dichlorobromomethane, see bromodichloromethane						
dichloroethane, 1,1-	75-34-3			1		
dieldrin	60-57-1	1				
dual, see metolachlor						
ethylbenzene	100-41-4			1		
heptachlor	76-44-8	0.1				
heptachlor epoxide	1024-57-3	0.1				
iron	7439-89-6	1000				1
lasso, see alachlor						
manganese	7439-96-5	150				2
metolachlor	51218-45-2					
metribuzin	21087-64-9			1		
sencor, see metribuzin						

1 Only for communities serving less than or 1,000 persons or less than 300 service connections.
2 Only for communities serving less than or 1,000 persons or less than or 300 service connections.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
KANSAS

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acenaphthylene	208-96-8			0.029		
acrolein	107-02-8			320		
acrylonitrile	107-13-1			3.8		
alachlor	15972-60-8			5		
aldrin	309-00-2			0.031		
aluminum	7429-90-5			5000		
anthracene	120-12-7			0.029		
antimony	7440-36-0			143		
asbestos (long fibers/liter)	1332-21-4			7.1E+06		
atrazine	1912-24-9			25		
benzidine	92-87-5			0.0015		
benzo-a-anthracene	56-55-3			0.029		
benzo-a-pyrene	50-32-8			0.03		
benzo-b-fluoranthene	205-99-2			0.029		
benzo-g,h,i-perylene	191-24-2			0.029		
benzo-k-fluoranthene	207-08-7			0.029		
beryllium	7440-41-7			0.13		
bis(2-chloroethyl)ether	111-44-4			4.2		
bis(2-chloroisopropyl)ether	108-60-1			34.7		
bis(2-ethylhexyl)phthalate	117-81-7			4200		
bis(chloromethyl)ether	542-88-1			3.8E-06		
bromacil	314-40-9			840		
bromomethane	74-83-9			0.19		
cadmium	7440-43-9			5		
carbaryl	63-25-2			672		
carbofuran	1563-66-2			36		
carbon tetrachloride	56-23-5			5		
chlordane	57-74-9			0.27		
chloride	16887-00-6			250		
chloro-o-cresol, 4-	1570-64-5			3000		
chloromethane	74-87-3			0.19		
chlorophenol, o-	95-57-8			0.1		
chlorophenol, p-	106-48-9			0.3		
chrysene	218-01-9			0.029		
copper	7440-50-8			1000		
cyanazine	21725-46-2			8.7		
cyanide	57-12-5			154		
dacthal	1861-32-1			3500		
DCPA, see dacthal						
DDE, 4,4-	72-55-9			2.4E-05		
DDT	50-29-3			0.42		
di-n-butyl phthalate	84-74-2			770		
diazinon	333-41-5			0.63		
dibenzo-a,h-anthracene	53-70-3			0.029		
dibromoethane, 1,2-, see ethylene dibromide						
dichlorobenzene, m-	541-73-1			620		
dichlorobenzene, o-	95-50-1			620		
dichlorobenzidine, 3,3-	91-94-1			0.21		
dichlorodifluoromethane	75-71-8			5600		
dichloroethylene, cis-1,2-	156-59-2			70		
dichloroethylene, trans-1,2-	156-60-5			70		
dichloromethane	75-09-2			50		
dichlorophenol, 2,4-	120-83-2			700		
dichlorophenol, 2,6-	87-65-0			0.2		
dichlorophenol, 3,4-	95-77-2			0.3		
dichloropropane, 1,2-	78-87-5			6		
dichloropropene, 1,3-	542-75-6			2		
dieldrin	60-57-1			0.0219		
diethylphthalate	84-66-2			350,000		
dimethylphenol, 2,4-	105-67-9			400		
dimethylphthalate	131-11-3			313,000		
dinitro-o-cresol, 4,6-	534-52-1			13.4		
dinitrophenol, 2,4-	51-28-5			110		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
KANSAS

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
dinitrotoluene, 2,4-	121-14-2			1.1		
dinitrotoluene, 2,6-	606-20-2			0.04		
dinoseb	88-85-7			3.5		
diphenylhydrazine, 1,2-	122-66-7			0.45		
endosulfan sulfate	1031-07-8			74		
endosulfan, alpha-	959-98-8			52.5		
endosulfan, beta-	33213-65-9			52.5		
ethylbenzene	100-41-4			680		
fluoranthene	206-44-0			0.029		
fluorene	86-73-7			0.029		
fluorotrichloromethane	75-69-4			8000		
heptachlor	76-44-8			0.76		
heptachlor epoxide	1024-57-3			0.38		
hexachlorobenzene	118-74-1			0.2		
hexachlorobutadiene	87-68-3			4.5		
hexachlorocyclopentadiene	77-47-4			206		
hexachloroethane	67-72-1			1.9		
indeno(1,2,3,-c,d)pyrene	193-39-5			0.029		
iron	7439-89-6			300		
isophorone	78-59-1			5200		
malathion	121-75-7			140		
manganese	7439-96-5			50		
methyl parathion	298-00-0			1.7		
methylene chloride, see dichloromethane						
metolachlor	51218-45-2			105		
metribuzin	21087-64-9			175		
monochlorobenzene	108-90-7			60		
naphthalene	91-20-3			143		
nickel	7440-02-0			150		
nitrite	14797-65-0			1000		
nitrobenzene	98-95-3			5		
nitrophenol, 2-	88-75-5			290		
nitrophenol, 4-	100-02-7			290		
nitrosodimethylamine, n-	62-75-9			0.0014		
nitrosodiphenylamine, n-	86-30-6			71		
parathion	56-38-2			30		
PCB's	1336-36-3			0.05		
pentachlorophenol	87-86-5			220		
phenanthrene	85-01-8			0.029		
phenol	108-95-2			300		
picloram	1918-02-1			490		
propachlor	1918-16-7			93		
propazine	139-40-2			117		
pyrene	129-00-0			0.029		
sodium	7440-23-5			100,000		
sulfate	14808-79-8			250,000		
T, 2,4,5-	93-76-5			35		
TBN (total base neutrals noted)	--			10		
TCDD, 2,3,7,8-	1746-01-6			2.2E-6		
tetrachloroethane, 1,1,2,2-	79-34-5			1.7		
tetrachloroethylene	127-18-4			7		
tetrachloromethane, see carbon tetrachloride						
tetrachlorophenol, 2,3,4,6-	58-90-2			263		
thallium	7440-28-0			13		
toluene	108-88-3			2000		
trichlorobenzene, 1,2,4-	120-82-1			13		
trichlorophenol, 2,4,5-	95-95-4			1		
trichlorophenol, 2,4,6-	88-06-2			17		
TVOC (total volatile organics)	--			100		
vinyl chloride	75-01-4			2		
xylenes	1330-20-7			440		
zinc	7440-66-6			5000		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MAINE

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
acifluorfen	5094-66-6			9		
acrylamide	76-06-1			0.1		
alachlor	15972-60-8			2		
aldicarb	116-06-3			2		
alpha-BHP, see hexachlorocyclohexane (alpha-)						
aluminum	7429-90-5			1430		
ametryn	834-12-8			60		
amiben, see chloramben						
ammonium sulfamate	7713-06-0			1500		
arsenic	7440-38-2			30		
atrazine	1912-24-9			2		
azinophosmethyl	86-50-0			25		
barium	7440-39-3			1000		
baygon	114-26-1			3		
bentazon	25057-89-0			17.5		
benzene	71-43-2			5		
beta-BHC, see hexachlorocyclohexane (beta-)						
bis(2-chloroethyl)ether	111-44-4			8.3		
bis(2-ethylhexyl)phthalate	117-81-7			1200		
bromacil	314-40-9			25		
bromide	24959-67-9			660		
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		
chlordane	57-74-9			0.27		
chlorine dioxide	10049-04-4			60		
chlorite	14998-27-7			7		
chlorobenzene, see monochlorobenzene						
chlorothalonil	1897-45-6			15		
chromium	7440-47-3			50		
cis-1,2-dichloroethylene, see dichloroethylene, cis-1,2-						
cyanazine	21725-46-2			14		
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)phthalate, see bis(2-ethylhexyl)phthalate						
di-n-butyl phthalate	84-74-2			220		
diazinon	333-41-5			0.63		
dibromo-3-chloropropane, 1,2-	96-12-8			0.2		
dicamba	1918-00-9			9		
dichlorobenzene, o-	95-50-1			85		
dichlorobenzene, p-	106-46-7			27		
dichlorodifluoromethane	75-71-8			1600		
dichloroethane, 1,2-	107-06-2			3.8		
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			200		
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		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MAINE

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
dinitrophenol, 2,4-	51-28-5			31		
dinoseb	88-85-7			2		
dioxane, p-	123-91-1			70		
diphenamid	957-51-7			200		
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		
folpet	133-07-3			0.32		
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		
hexachlorocyclohexane (alpha-)	319-84-6			7		
hexachlorocyclohexane (beta-)	319-85-7			2.4		
hexachlorocylcohexane (gamma-), see lindane						
hexachlorophene	70-30-4			2		
hexane, n-	110-54-3			4000		
iodide	20461-54-5			340		
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		
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 (MTBE)	1634-04-4			50		
methylene chloride, see dichloromethane						
metolachlor	51218-45-2			100		
metribuzin	21087-64-9			175		
monochlorobenzene	108-90-7			47		
nickel	7440-02-0			150		
nitrate	14797-55-8			10,000		
nitrite	14797-65-0			1000		
nitrobenzene	98-95-3			1.4		
nitrophenol	seq:55			83		
oxamyl	23135-22-0			175		
PAH's	seq:6			25		
paraquat	1910-42-5			30		
parathion	56-38-2			8.6		
PCB's	1336-36-3			0.05		
PCNB	82-68-8			71		
pentachlorophenol	87-86-5			6		
phorate	298-02-2			0.2		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MAINE

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
picloram	1918-02-1			300		
prometon	1610-18-0			100		
pronamide	23950-58-5			52		
propachlor	1918-16-7			92		
propanil	709-98-8			40		
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			35		
terbacil	5902-51-2			90		
terbufos	13071-79-9			0.18		
tetrachlorodibenzo-p-dioxin, 2,3,7,8-, see TCDD, 2,3,7,8-						
tetrachloroethylene	127-18-4			3		
thiram	137-26-8			10		
toxaphene	8001-35-2			0.3		
TP, 2,4,5- (Silvex)	93-72-1			1		
trichloroethane, 1,1,1-	71-55-6			200		
trichloroethylene	79-01-6			5		
trichlorophenol, 2,4,6-	88-06-2			700		
trifluralin	1582-09-8			2		
trihalomethanes (total)	seq:28			100		
trinitrophenol	88-89-1			57		
vinyl chloride	75-01-4			0.15		
xylenes	1330-20-7			400		
ziram (and Ferbam)	137-30-4			25		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MARYLAND

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acetone	67-64-1			3600		
benzalkonium chloride	8001-54-5			10		
bromoform	75-25-2			40		
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 sulfate	7757-82-6			210		
sodium sulfite	7757-83-7			100		
tetrasodium EDTA	64-02-8			180		
triethylene glycol	112-27-6			1750		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MASSACHUSETTS

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acetone	67-64-1			700		
alachlor	15972-60-8			2		
aldicarb	116-06-3			10		
aldicarb sulfone	1646-88-4			40		
aldicarb sulfoxide	1646-87-3			10		
arsenic	7440-38-2	50				
atrazine	1912-24-9			3		
barium	7440-39-3	1000				
benzene	71-43-2	5				
beta particle and photon activity	12587-47-2	4mrem/yr				
bis(2-ethylhexyl)phthalate	117-81-7			10		
bromomethane	74-83-9			10		
cadmium	7440-43-9	10				
carbofuran	1563-66-2			10		
carbon tetrachloride	56-23-5	5				
chlordane	57-74-9			0.5		
chloroform	67-66-3			5		1
chromium	7440-47-3	50				
copper	7440-50-8			1300		
cyanide	57-12-5			140		
D, 2,4-	94-75-7	100				
dibromo-3-chloropropane, 1,2-	96-12-8			0.2		
dichlorobenzene, o-	95-50-1			600		
dichlorobenzene, p-	106-46-7			5		
dichloroethane, 1,1-	75-34-3			5		
dichloroethane, 1,2-	107-06-2	5				
dichloroethylene, 1,1-	75-35-4	7				
dichloroethylenes, 1,2-	540-59-0			70		
dichloromethane	75-09-2			5		
dichlorophenoxyacetic acid, 2,4-, see D, 2,4-						
dichloropropane, 1,2-	78-87-5			1		
dichloropropene, 1,3-	542-75-6			2		
dinoseb	88-85-7			5		
dioxane, p-	123-91-1			50		
endrin	72-20-8	0.2				
ethylbenzene	100-41-4			700		
ethylene dibromide	106-93-4			0.04		
ethylene glycol	107-21-1			5500		
fluoride	16984-48-8	4000				
gross alpha activity	12587-46-1	15pCi/L				
heptachlor	76-44-8			0.2		
heptachlor epoxide	1024-57-3			0.1		
lead	7439-92-1	50				
lindane	58-89-9	4				
mercury	7439-97-6	2				
methoxychlor	72-43-5	100				
methyl ethyl ketone	78-93-3			350		
methyl isobutyl ketone	108-10-1			350		
methyl-t-butyl ether (MTBE)	1634-04-4			50		
methylene chloride, see dichloromethane						
metolachlor	51218-45-2			8		
monochlorobenzene	108-90-7			100		
nitrate	14797-55-8	10,000				
oxamyl	23135-22-0			50		
PCB's	1336-36-3			0.5		
radium 226/228	13982-63-3	5 pCi/L				
radon	10043-92-2			10,000 pCi/L		
selenium	7782-49-2	10				
silver	7440-22-4	50				
sodium	7440-23-5	20,000				
styrene	100-42-5			5		
tetrachloroethylene	127-18-4			5		

1 From non-chlorinated supplies only

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MASSACHUSETTS

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
toluene	108-88-3			2000		
toxaphene	8001-35-2	5				
TP, 2,4,5- (Silvex)	93-72-1	10				
trichloroethane, 1,1,1-	71-55-6	200				
trichloroethane, 1,1,2-	79-00-5			30		
trichloroethylene	79-01-6	5				
trihalomethanes (total)	seq:28	100				
uranium (picocuries/liter)	7440-61-1			10		
vinyl chloride	75-01-4	2				
xylenes	1330-20-7			1000		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MINNESOTA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acetone	67-64-1			700		1
acifluorfen	5094-66-6			9		
acrylamide	79-06-1			0.1		
acrylonitrile	107-13-1			0.7		
alachlor	15972-60-8			6		
aldicarb	116-06-3			10		
aldrin	309-00-2			0.02		
allyl chloride	107-05-1			0.002		
ametryn	834-12-8			60		
ammonium sulfamate	7773-06-0			1500		
arsenic	7440-38-2	50		50		
asbestos (long fibers/liter)	1332-21-4			7.1E+06		
atrazine	1912-24-9			3		
barium	7440-39-3	1000		1500		
baygon	114-26-1			3		
bentazon	25057-89-0			18		
benzene	71-43-2	5		7		
bis(2-chloroethyl)ether	111-44-4			0.31		
bis(2-ethylhexyl)phthalate	117-81-7			40		
bromacil	314-40-9			80		
bromodichloromethane	75-27-4			140		
bromoform	75-25-2			140		
bromomethane	74-83-9			0.003		
butylate	2008-41-5			50		
cadmium	7440-43-9	10		5		
carbaryl	63-25-2			700		
carbofuran	1563-66-2			36		
carbon tetrachloride	56-23-5	5		2.7		
carboxin	5234-68-4			700		
chloramben	133-90-4			105		
chlordane	57-74-9			0.3		
chloroform	67-66-3			57		
chlorothalonil	1897-45-6			15		
chromium	7440-47-3	50		120		
copper	7440-50-8			1300		
cyanazine	21725-46-2			9		
cyanide	57-12-5			154		
D, 2,4-	94-75-7	100		70		
dacthal	1861-32-1			3500		
dalapon	75-99-0			560		
DDT	50-29-3			1		
diazinon	333-41-5			0.6		
dibromo-3-chloropropane, 1,2-	96-12-8			0.3		
dibromobenzene, 1,4-	106-37-6			70		1
dibromochloromethane	124-48-1			140		
dicamba	1918-00-9			9		
dichlorobenzene, m-	541-73-1			620		
dichlorobenzene, o-	95-50-1			620		
dichlorobenzene, p-	106-46-7	75		75		
dichlorobenzidine, 3,3-	91-94-1			0.21		
dichlorodifluoromethane	75-71-8			1400		
dichloroethane, 1,1-	75-34-3			810		
dichloroethane, 1,2-	107-06-2	5		3.8		
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		
dichloropropane, 1,2-	78-87-5			5.6		
dichloropropene, 1,3-	542-75-6			2		
dieldrin	60-57-1			0.02		
dimethrin	67239-16-1			2100		
dinitrophenol, 2,4-	51-28-5			14		

1 Standards listed are current, enforceable MCL's.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MINNESOTA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
dinitrotoluene, 2,4-	121-14-2			1.1		
dinoseb	88-85-7			3.5		
dioxane, p-	123-91-1			70		
diphenamid	957-51-7			200		
diphenylhydrazine, 1,2-	122-66-7			0.5		
disulfoton	298-04-4			0.3		
diuron	330-54-1			14		
endothall	145-73-3			140		
endrin	72-20-8	0.2		0.3		
epichlorohydrin	106-89-8			35		
ethylbenzene	100-41-4			680		
ethylene dibromide	106-93-4			0.005		
ethylene glycol	107-21-1			14,000		
ethylene thiourea	96-45-7			2.4		
fenamiphos	22224-92-6			1.8		
fluometron	2164-17-2			90		
fluoride	16984-48-8	4000				
fluorotrichloromethane	75-69-4			2100		
fonofos	944-22-9			14		
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			1.4		
hexachlorocyclohexane (alpha-)	319-84-6			0.06		
hexachlorocyclohexane (beta-)	319-85-7			0.2		
hexachlorodibenzodioxin	34465-46-8			6E-5		
hexachloroethane	67-72-1			0.7		
hexazinone	51235-04-2			210		
lead	7439-92-1	50		20		
lindane	58-89-9	4		0.3		1
maleic hydrazide	123-33-1			3500		
MCPA	94-74-6			3.6		
mercury	7439-97-6	2		1.1		
methomyl	16752-77-5			175		
methoxychlor	72-43-5	100		340		
methyl ethyl ketone	78-93-3			170		
methyl isobutyl ketone	108-10-1			350		
methyl parathion	298-00-0			2		
metolachlor	51218-45-2			10		
metribuzin	21087-64-9			175		
monochlorobenzene	108-90-7			300		
nickel	7440-02-0			150		
nitrate	14797-55-8	10,000				
nitrite	14797-65-0			1000		
nitrosodimethylamine, n-	62-75-9			0.007		
nitrosodiphenylamine, n-	86-30-6			70		
oxamyl	23135-22-0			175		
PAH's	seq:6			0.028		
paraquat	1910-42-5			3		
PCB's	1336-36-3			0.05		
PCB's (total noncarcinogenic)	--			0.28		
pentachlorophenol	87-86-5			220		
phenol	108-95-2			280		
picloram	1918-02-1			490		
prometon	1610-18-0			100		
pronamide	23950-58-5			52		
propachlor	1918-16-7			92		
propazine	139-40-2			14		
propham	122-42-9			120		
selenium	7782-49-2	10		45		
silver	7440-22-4	50				

1 Standards listed are current, enforceable MCL's.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
MINNESOTA

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
simazine	122-34-9			35		
styrene	100-42-5			0.1		
T, 2,4,5-	93-76-5			21		
TCDD, 2,3,7,8-	1746-01-6			2E-6		
tebuthiuron	34014-18-1			35		
terbacil	5902-51-2			90		
terbufos	13071-79-9			0.2		
tetrachloroethane, 1,1,2,2-	79-34-5			2		
tetrachloroethylene	127-18-4			6.6		
tetrahydrofuran	109-99-9			154		
toluene	108-88-3			2420		
toxaphene	8001-35-2	5		0.3		
TP, 2,4,5- (Silvex)	93-72-1	10		52		
trichloroethane, 1,1,1-	71-55-6	200		200		
trichloroethane, 1,1,2-	79-00-5			14		
trichloroethylene	79-01-6			31		
trichlorophenol, 2,4,6-	88-06-2			18		
trichlorotrifluoroethane, 1,1,2-	76-13-1			210,000		
trifluralin	1582-09-8			2		
trihalomethanes (total)	seq:28	100				
vinyl chloride	75-01-4	2		0.15		
xylenes	1330-20-7			400		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
NEW HAMPSHIRE

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acetone	67-64-1			700		
acrylamide	79-06-1			0		
acrylonitrile	107-13-1			0.15		
alachlor	15972-60-8			2		
aldicarb	116-06-3			10		
aldicarb sulfone	1646-88-4			40		
aldicarb sulfoxide	1646-87-3			10		
aldrin	309-00-2			0.002		
allyl chloride	107-05-1			7		
benzidine	92-87-5			2E-4		
benzo-a-pyrene	50-32-8			3E-3		
beryllium	7440-41-7			4E-3		
bis(2-chloroethyl)ether	111-44-4			0.03		
bis(chloromethyl)ether	542-88-1			4 E-6		
butadiene, 1,3-	106-99-0			0.02		
camphor	76-22-2			200		
carbofuran	1563-66-2			40		
chlordane	57-74-9			2		
cyanide	57-12-5			154		
DDT	50-29-3			0.1		
dibromo-3-chloropropane, 1,2-	96-12-8			0.2		
dichlorobenzene, o-	95-50-1			600		
dichlorobenzidine, 3,3-	91-94-1			0.02		
dichloroethane, 1,1-	75-34-3			810		
dichloroethylene, cis-1,2-	156-59-2			70		
dichloroethylene, trans-1,2-	156-60-5			100		
dichloromethane	75-09-2			5		
dichloropropane, 1,2-	78-87-5			5		
dieldrin	60-57-1			0.018		
dinitrotoluene, 2,4-	121-14-2			0.11		
diphenylhydrazine, 1,2-	122-66-7			0.05		
epichlorohydrin	106-89-8			0		
ethylbenzene	100-41-4			700		
ethylene dibromide	106-93-4			0.05		
ethylene glycol	107-21-1			7000		
heptachlor	76-44-8			0.4		
heptachlor epoxide	1024-57-3			0.2		
hexachlorobenzene	118-74-1			0.021		
hexachlorocyclohexane (alpha-)	319-84-6			0.013		
hexachlorocyclohexane, technical	608-73-1			0.018		
hexachlorodibenzodioxin	34465-46-8			6E-6		
methyl ethyl ketone	78-93-3			170		
methyl-t-butyl ether (MTBE)	1634-04-4			200		
monochlorobenzene	108-90-7			100		
nickel	7440-02-0			150		
nitrite	14797-65-0			1000		
oxamyl	23135-22-0			175		
PCB's	1336-36-3			5 E-3		
phenol	108-95-2			280		
styrene	100-42-5			5 or 100		1
TCDD, 2,3,7,8-	1746-01-6			2E-7		
tetrachloroethylene	127-18-4			1		
tetrahydrofuran	109-99-9			154		
toluene	108-88-3			2000		
trichloroethylene	79-01-6			2.8		
trichlorophenol, 2,4,6-	88-06-2			1.87		
trihalomethanes (total)	seq:28			0.5		
xylenes	1330-20-7			10,000		

1 Depending on B2 or C classification

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
NEW JERSEY

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
benzene	71-43-2	1				
carbon tetrachloride	56-23-5	2				1
chlordane	57-74-9	0.5				
dichlorobenzene, m-	541-73-1	600				
dichlorobenzene, o-	95-50-1	600				
dichloroethane, 1,2-	107-06-2	2				
dichloroethylene, 1,1-	75-35-4	2				
dichloroethylenes, 1,2-	540-59-0	10				
dichloromethane	75-09-2	2				
ethylene glycol	107-21-1		1990		290	
formaldehyde	50-00-0		1990		110	
hexane, n-	110-54-3		1990		33	
methyl ethyl ketone	78-93-3		1990		270	
methylene chloride, see dichloromethane						
monochlorobenzene	108-90-7	2				
PCB's	1336-36-3	0.5				
tetrachloroethylene	127-18-4	1				
trichlorobenzene, 1,2,4-	120-82-1	8				
trichloroethane, 1,1,1-	71-55-6	26				
trichloroethylene	79-01-6	1				
vinyl chloride	75-01-4	2				
xylenes	1330-20-7	44				

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

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
NEW YORK

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
aldicarb	116-06-3			7		
atrazine	1912-24-9			25		
carbofuran	1563-66-2			15		
PCB's	1336-36-3			1		
principal organic contaminant	--	5	1/89			
total principal and unspecific organic contam.	--	100				
unspecified organic contaminant	--	50				

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
RHODE ISLAND

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acifluorfen	5094-66-6			9		
acrylamide	79-06-1			0.01		
alachlor	15972-60-8			0.5		
aldrin	309-00-2			0.05		
aluminum	7429-90-5			50		1
ametryn	834-12-8			60		
ammonium sulfamate	7713-06-0			1500		
arsenic	7440-38-2	50		30		
asbestos (long fibers/liter)	1332-21-4			7E+6		
atrazine	1912-24-9			2		
barium	7440-39-3	1000				
baygon	114-26-1			3		
benefin	1861-40-1			35		
bentazon	25057-89-0			18		
benzene	71-43-2	5		0.7		
beryllium	7440-41-7				1/91	
bis(2-ethylhexyl)phthalate	117-81-7			1200		
bromacil	314-40-9			80		
bromodichloromethane	75-27-4	100				
bromoform	75-25-2	100				
butylate	2008-41-5			50		
cadmium	7440-43-9	10		5		
captan	133-06-2			350		
carbaryl	63-25-2			700		
carbofuran	1563-66-2			36		
carbon tetrachloride	56-23-5	5		0.3		
carboxin	5234-68-4			700		
chloramben	133-90-4			100		
chlordane	57-74-9			0.03		
chloride	16887-00-6	250,000				1
chloroform	67-66-3	100		6		
chlorothalonil	1897-45-6			2		
chlorpyrifos	2921-88-2				1/91	
chromium	7440-47-3	50				
copper	7440-50-8	1000				1
cyanazine	21725-46-2			9		
cyanide	57-12-5			1		
D, 2,4-	94-75-7	100		70		
dacthal	1861-32-1			3500		
dalapon	75-90-0			560		
DDT	50-29-3			0.8		
di-n-butyl phthalate	84-74-2			220		
diazinon	333-41-5			0.6		
dibromo-3-chloropropane, 1,2-	96-12-8			0.03		
dibromochloromethane	124-48-1	100				
dicamba	1918-00-9			9		
dichlorobenzene, m-	541-73-1			600		
dichlorobenzene, o-	95-50-1			600		
dichlorobenzene, p-	106-46-7	75		2		
dichlorodifluoromethane	75-71-8			1400		
dichlorodiphenyltrichloroethane, 4,4-, see DDT						
dichloroethane, 1,1-	75-34-3				1/91	
dichloroethane, 1,2-	107-06-2	5		0.4		
dichloroethylene, 1,1-	75-35-4	7				
dichloroethylene, trans-1,2-	156-60-5			70		
dichloromethane	75-09-2			2		
dichloropropane, 1,2-	78-87-5			0.6		
dichloropropene, 1,3-	542-75-6			80		
dieldrin	60-57-1			0.002		
dimethoate	60-51-5			140		
dimethrin	67239-16-1			2100		
dinoseb	88-85-7			7		

1 Represents a secondary MCL (aesthetics-based standard).

REPORT 5 AGE
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
RHODE ISLAND

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
dioxane, p-	123-91-1			7		
diphenamid	957-51-7			200		
disulfoton	298-04-4			0.3		
dithane, see mancozeb						
diuron	330-54-1			14		
endosulfan	115-29-7				1/91	
endothall	145-73-3			140		
endrin	72-20-8	0.2				
epichlorohydrin	106-89-8			4		
eptam, see EPTC						
EPTC	759-94-4			50		
ethion	563-12-2			35		
ethylbenzene	100-41-4			680		
ethylene dibromide	106-93-4			0.0005		
ethylene glycol	107-21-1			7000		
ethylene thiourea	96-45-7			0.2		
fenamiphos	22224-92-6			2		
ferbam	14484-64-1			25		
flucmetron	2164-17-2			90		
fluoride	16984-48-8	4000		2000		1
fluorotrichloromethane	75-69-4			3400		
folpet	133-07-3			320		
fonofos	944-22-9			14		
glyphosate	1071-83-6			700		
guthion	56-86-0			25		
heptachlor	76-44-8			0.08		
heptachlor epoxide	1024-57-3			0.04		
hexachlorobenzene	118-74-1			0.02		
hexane, n-	110-54-3			4000		
hexazinone	51235-04-2			210		
iron	7439-89-6	300				1
lead	7439-92-1	50		5		
lindane	58-89-9	4		0.03		
malathion	121-75-7			100		
maleic hydrazide	123-33-1			3500		
mancozeb	8018-01-7			2		
maneb	12427-38-2			10		
manganese	7439-96-5	50				1
MCPA	94-74-6			4		
mercury	7439-97-6	2		1		
methomyl	16752-77-5			180		
methoxychlor	72-43-5	100				
methyl ethyl ketone	78-93-3			170		
methyl isobutyl ketone	108-10-1			40		
methyl parathion	298-00-0			2		
methyl-t-butyl ether (MTBE)	1634-04-4			50		
metolachlor	51218-45-2			10		
metribuzin	21087-64-9			180		
monochlorobenzene	108-90-7			100		
nickel	7440-02-0			150		
nitrate	14797-55-8	10,000				
nitrite	14797-65-0			1000		
nitrogen (total)	7727-37-9			10,000		
oxamyl	23135-22-0			180		
paraquat	1910-42-5			3		
PCB's	1336-36-3			0.5		
PCNB	82-68-8				1/91	
pentachloronitrobenzene, see PCNB						
pentachlorophenol	87-86-5			200		
phorate	298-02-2			0.2		
picloram	1918-02-1			490		
polychlorinated biphenyls, see PCB's						

1 Represents a secondary MCL (aesthetics-based standard).

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
RHODE ISLAND

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
prometon	1610-18-0			100		
pronamide	23950-58-5			52		
propachlor	1918-16-7			92		
propazine	139-40-2			14		
propham	122-42-9			120		
radium 226/228	13982-63-3	5 pCi/L				
radon	10043-92-2				1/91	
rotenone	83-79-4			4		
selenium	7782-49-2	10				
silver	7440-22-4	50				
simazine	122-34-9			35		
sodium	7440-23-5			20		
styrene	100-42-5			5		
sulfate	14808-79-8	250,000				1
T, 2,4,5-	93-76-5			21		
TCDD, 2,3,7,8-	1746-01-6			2E-7		
tebuthiuron	34014-18-1			350		
terbacil	5902-51-2			90		
terbufos	13071-79-9			0.2		
tetrachloroethane, 1,1,1,2-	630-20-6			2		
tetrachloroethane, 1,1,2,2-	79-34-5			2		
tetrachloroethylene	127-18-4			0.7		
thiram	137-26-8			10		
toluene	108-88-3			2000		
toxaphene	8001-35-2	5		0.03		
TP, 2,4,5- (Silvex)	93-72-1	10				
trichloroethane, 1,1,1-	71-55-6	200				
trichloroethane, 1,1,2-	79-00-5			1		
trichloroethylene	79-01-6	5		3		
trichlorophenoxyacetic acid, 2,4,5-, see T, 2,4,5-						
trichlorophenoxypropionic acid, 2,4,5-, see TP, 2,4,5-						
trifluralin	1582-09-8			2		
trihalomethanes (total)	seq:28	100				
vinyl chloride	75-01-4	2		0.02		
xylenes	1330-20-7			400		
zinc	7440-66-6	5000				1

1 Represents a secondary MCL (aesthetics-based standard).

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
U.S.E.P.A. (ODW)

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
acifluorfen	5094-66-6					1
acrylamide	79-06-1		12/90			1
acrylonitrile	107-13-1		1/92		9/90	
adipates (DEHA)	103-23-1		6/91			
alachlor	15972-60-8		12/90			1
aldicarb	116-06-3		12/90	10		
aldicarb sulfone	1646-88-4		12/90	40		
aldicarb sulfoxide	1646-87-3		12/90	10		
aldrin	309-00-2				9/90	
aluminum	7429-90-5		1/92		9/90	
ametryn	834-12-8			60		
ammonia	7664-41-7		1/92		9/90	
ammonium sulfamate	7713-06-0			2000		
antimony	7440-36-0		6/91		9/90	
arsenic	7440-38-2	50	6/91			
asbestos (long fibers/liter)	1332-21-4		12/90			
atrazine	1912-24-9		12/90	3		
barium	7440-39-3	1000	12/90	5000		
basagran, see bentazon						
baygon	114-26-1			3		
bentazon	25057-89-0			20		
benzene	71-43-2	5				1
beryllium	7440-41-7		6/91		9/90	
beta particle and photon activity	12587-47-2	4mrem/yr	1/91			
bis(2-chloroisopropyl)ether	108-60-1			300		
boron	7440-42-8		1/92		9/90	
bromacil	314-40-9			90		
bromate	15541-45-4		1/92			
bromobenzene	108-86-1					2
bromochloromethane	74-97-5				9/90	
bromodichloromethane	75-27-4	100	1/92		9/90	
bromoform	75-25-2	100	1/92		9/90	
bromomethane	74-83-9		1/92	10		
butylate	2008-41-5			350		
cadmium	7440-43-9	10	12/90	5		
carbaryl	63-25-2			700	3/88	
carbofuran	1563-66-2		12/90	40		
carbon tetrachloride	56-23-5	5				1
carboxin	5234-68-4			700		
chloramben	133-90-4			100		
chloramine	55-86-7		1/92		9/90	
chlordane	57-74-9		12/90			1
chlorinated acids	--		1/92		9/90	
chlorinated aldehydes	seq:78		1/92		9/90	
chlorinated ketones	seq:5		1/92			
chlorine	7782-50-5		1/92		9/90	
chlorine dioxide	10049-04-4		1/92	1000	9/90	
chlorite	14998-27-7		1/92	1000		
chlorobenzene, see monochlorobenzene						
chlorodibromomethane, see dibromochloromethane						
chloroethane	75-00-3					2
chloroform	67-66-3	100			9/90	
chloromethane	74-87-3		1/92			
chlorophenols	seq:20		1/92		9/90	
chloropicrin	76-06-2		1/92			
chlorothalonil	1897-45-6					1
chlorotoluene, o-	95-09-8		1/92	100		
chlorotoluene, p-	106-43-4		1/92	100		
chlorpyrifos	2921-88-2				9/90	
chromium	7440-47-3	50	12/90	120		
copper	7440-50-8		4/90			
cumene, see isopropylbenzene						

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 No lifetime HA derived due to data deficiencies.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
U.S.E.P.A. (ODW)

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
cyanazine	21725-46-2		1/92	10		
cyanide	57-12-5		6/91	154		
cyclonite (RDX)	121-82-4			2		
cymene, p-	99-87-6					1
D, 2,4-	94-75-7	100	12/90	70		
dacthal	1861-32-1			4000		
dalapon	75-90-0		6/91	200		
DBCP, see dibromochloropropane						
DEHA, see adipates						
DEHP, see bis(2-ethylhexyl)phthalate						
diazinon	333-41-5			0.6		
dibromo-3-chloropropane, 1,2-	96-12-8		12/90			2
dibromochloromethane	124-48-1	100			9/90	
dibromomethane	74-95-3		1/92			1
dicamba	1918-00-9		1/92	200		
dichlorobenzene, m-	541-73-1			620		
dichlorobenzene, o-	95-50-1		12/90	620		
dichlorobenzene, p-	106-46-7	75		75		
dichlorodifluoromethane	75-71-8			1000		
dichloroethane, 1,1-	75-34-3					1
dichloroethane, 1,2-	107-06-2	5				2
dichloroethylene, 1,1-	75-35-4	7		7		
dichloroethylene, cis-1,2-	156-59-2		12/90	70		
dichloroethylene, trans-1,2-	156-60-5		12/90	70		
dichloromethane	75-09-2		6/91			2
dichloropropane, 1,2-	78-87-5		12/90			2
dichloropropane, 1,3-	142-28-9		1/92			1
dichloropropane, 2,2-	594-20-7		1/92			1
dichloropropene, 1,1-	563-58-6		1/92			1
dichloropropene, 1,3-	542-75-6		1/92			2
dieldrin	60-57-1					2
diisopropyl methylphosphonate (DIMP)	1445-75-6			600		
dimethrin	67239-16-1			2000		
dinitrotoluene, 2,4-	121-14-2		1/92		9/90	
dinoseb	88-85-7		6/91	7		
dioxane, p-	123-91-1					2
diphenamid	957-51-7			200		
diquat	85-00-7		6/91			
disulfoton	298-04-4			0.3		
diuron	330-54-1			10		
EDB, see ethylene dibromide						
endothall	145-73-3		6/91	100		
endrin	72-20-8	0.2	6/91	0.32		
epichlorohydrin	106-89-8		12/90			2
ethylbenzene	100-41-4		12/90	680		
ethylene dibromide	106-93-4		12/90			2
ethylene dichloride, see dichloroethane, 1,2-						
ethylene glycol	107-21-1			7000		
ethylene thiourea	96-45-7					2
fenamiphos	22224-92-6			2		
fluometron	2164-17-2			90		
fluoride	16984-48-8	4000		2000		
fluorotrichloromethane	75-69-4			2000		
fog oil, see hexachloroethane						
fonofos	944-22-9			10		
formaldehyde	50-00-0				9/90	
gasoline	8006-61-9				9/90	
glyphosate	1071-83-6		6/91	700		
gross alpha activity	12587-46-1	15pCi/L	1/91			
haloacetonitriles	--		1/92		9/90	
heptachlor	76-44-8		12/90			2

1 No lifetime HA derived due to data deficiencies.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
U.S.E.P.A. (ODW)

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
heptachlor epoxide	1024-57-3		12/90			1
hexachlorobenzene	118-74-1		1/92			1
hexachlorobutadiene	87-68-3		1/92	1		
hexachlorocyclopentadiene	77-47-4		6/91			
hexachloroethane	67-72-1				10/90	
hexane, n-	110-54-3					1
hexazinone	51235-04-2			200		
HMX	2691-41-0			400		
hypochlorite ion	14380-61-1		1/92			
isophorone	78-59-1		1/92		9/90	
isopropylbenzene	98-82-8					2
ketones, see chlorinated ketones						
lead	7439-92-1	50	4/90	50		
lindane	58-89-9	4	12/90	0.2		
malathion	121-75-7				9/90	
maleic hydrazide	123-33-1			4000		
manganese	7439-96-5		1/92			
MCPA	94-74-6			10		
mercury	7439-97-6	2	12/90	1.1		
methomyl	16752-77-5			200		
methoxychlor	72-43-5	100	12/90	340		
methyl ethyl ketone	78-93-3			170		
methyl parathion	298-00-0			2		
methyl-t-butyl ether (MTBE)	1634-04-4				9/90	
methylene chloride, see dichloromethane						
metolachlor	51218-45-2			100		
metribuzin	21087-64-9			200		
molybdenum	7439-98-7		1/92		9/90	
monochlorobenzene	108-90-7		12/90	300		
n-propyl benzene	103-65-1					2
naphthalene	91-20-3			300		
nickel	7440-02-0		6/91	150		
nitrate	14797-55-8	10,000	12/90	10,000		
nitrite	14797-65-0		12/90	1000		
nitrocellulose (non-toxic)	9004-70-0				10/90	
nitroguanidine	556-88-7				10/90	
oxamyl	23135-22-0		6/91	175		
ozone	10028-15-6		1/92			
PAH's	seq:6		6/91			
paraquat	1910-42-5			30		
PCB's	1336-36-3		12/90		9/90	
pentachloroethane	76-01-7					2
pentachlorophenol	87-86-5		12/90	220		
phenol	108-95-2				9/90	
phthalates	seq:31		6/91			
picloram	1918-02-1		6/91	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	13982-63-3	5 pCi/L	4/91			
selenium	7782-49-2	10	12/90			
silver	7440-22-4	50	1/92		9/90	
silvex, see TP, 2,4,5-						
simazine	122-34-9		6/91	1		
sodium	7440-23-5				9/90	
strontium	7440-24-6		1/91		9/90	
styrene	100-42-5		12/90			1
sulfate	14808-79-8		6/91			
T, 2,4,5-	93-76-5		1/92	70		
TCDD, 2,3,7,8-	1746-01-6		6/91			1

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 No lifetime HA derived due to data deficiencies.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
U.S.E.P.A. (ODW)

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
tebuthiuron	34014-18-1			500		
terbacil	5902-51-2			90		
terbufos	13071-79-9			0.9		
tetrachloroethane, 1,1,1,2-	630-20-6		1/92	70		
tetrachloroethane, 1,1,2,2-	79-34-5					1
tetrachloroethylene	127-18-4		12/90	10		
thallium	7440-28-0		6/91		9/90	
toluene	108-88-3		12/90	2420		
toxaphene	8001-35-2	5	12/90			2
TP, 2,4,5- (Silvex)	93-72-1	10	12/90	52		
trans-dichloroethylene, see dichloroethylene, trans-1,2-						
trichlorobenzene, 1,2,4-	120-82-1			9		
trichlorobenzene, 1,3,5-	108-70-3					
trichlorobenzenes	--		6/91			
trichloroethane, 1,1,1-	71-55-6	200		200		
trichloroethane, 1,1,2-	79-00-5		6/91	3		
trichloroethylene	79-01-6	5				2
trichloropropane, 1,2,3-	96-18-4		1/92		9/88	
trifluralin	1582-09-8			5		
trihalomethanes (total)	seq:28	100	1/92			
trimethylbenzene, 1,2,4-	95-63-6			40		
trimethylbenzene, 1,3,5-	108-67-8					1
trinitroglycerol	55-63-0			5		
trinitrotoluene, 2,4,6-	118-96-7			2		
vanadium	7440-62-2		1/92		9/90	
vinyl chloride	75-01-4	2				2
vinylidene chloride, see dichloroethylene, 1,1-						
white phosphorus	12185-10-3				10/90	
xylenes	1330-20-7		12/90	400		
zinc	7440-66-6		1/92		9/90	
zinc chloride	7646-85-7				10/90	

1 No lifetime HA derived due to data deficiencies.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
UTAH

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
sulfate	14808-79-8	1E+6		2.5E+5		
TDS	--	2E-6		5E-5		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
VERMONT

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
acifluorfen	5094-66-6	9				
acrylamide	79-06-1	0.01				
alachlor	15972-60-8	0.5				
aldicarb	116-06-3	10				
aldicarb sulfone	1646-88-4	10				
aldicarb sulfoxide	1646-87-3	10				
ametryn	834-12-8	60				
ammonium sulfamate	7713-06-0	1500				
arsenic	7440-38-2	50				
atrazine	1912-24-9	3				
barium	7440-39-3	1000				
baygon	114-26-1	3				
benefin	1861-40-1	2100				
benomyl	17804-35-2	350				
bentazon	25057-89-0	17.5				
benzene	71-43-2	5				
bromacil	314-40-9	80				
bromodichloromethane	75-27-4			100		
bromoxynil	1689-84-5	280				
butylate	2008-41-5	50				
cadmium	7440-43-9	5				
carbaryl	63-25-2	700				
carbofuran	1563-66-2	36				
carbon tetrachloride	56-23-5	5				
carboxin	5234-68-4	700				
chloramben	133-90-4	105				
chlordane	57-74-9	0.027				
chloroform	67-66-3	6				
chlorothalonil	1897-45-6	1.5				
chlorpyrifos	2921-88-2	21				
chromium	7440-47-3	50				
copper	7440-50-8	1000				
cyanazine	21725-46-2	9				
cyanide	57-12-5	154				
cyclopentane	287-92-3			30,700		
D, 2,4-	94-75-7	70				
dacthal	1861-32-1	3500				
dalapon	75-90-0	560				
diazinon	333-41-5	0.63				
dibromo-3-chloropropane, 1,2-	96-12-8	0.025				
dibromomethane	74-95-3	0.01				
dicamba	1918-00-9	9				
dichlorobenzene, o-	95-50-1			620		
dichlorobenzene, p-	106-46-7	75				
dichloroethane, 1,1-	75-34-3			7		
dichloroethane, 1,2-	107-06-2	5				
dichloroethylene, 1,1-	75-35-4			7		
dichloroethylenes, 1,2-	540-59-0			70		
dichloromethane	75-09-2			5		
dichloropropane, 1,2-	78-87-5	0.56				
dichloropropene, 1,3-	542-75-6	0.2				
dichloropropylene, 1,3-, see dichloropropene, 1,3-						
dieldrin	60-57-1	0.002				
dimethrin	67239-16-1	2100				
dinoseb	88-85-7	7				
dioxane, p-	123-91-1	7				
diphenamid	957-51-7	200				
disulfoton	298-04-4	0.30				
diuron	330-54-1	14				
endothall	145-73-3	140				
endrin	72-20-8	0.32				
epichlorohydrin	106-89-8	0.28				
ethylbenzene	100-41-4	680				

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
VERMONT

Chemical Name	CAS #	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
ethylene dibromide	106-93-4	0.0005				
ethylene glycol	107-21-1	7				
ethylene thiourea	96-45-7	0.25				
fenamiphos	22224-92-6	1.8				
fluometron	2164-17-2	90				
fluoride	16984-48-8	4000				
fonofos	944-22-9	14				
glyphosate	1071-83-6	700				
heptachlor	76-44-8	0.076				
heptachlor epoxide	1024-57-3	0.038				
hexachlorobenzene	118-74-1	0.02				
hexane, n-	110-54-3	4000				
hexazinone	51235-04-2	210				
lead	7439-92-1	20				
lindane	58-89-9	0.2				
maleic hydrazide	123-33-1	3500				
maneb	12427-38-2	35				
manganese	7439-96-5	50				
MCPA	94-74-6	3.6				
MCPP	93-65-2	7				
mercury	7439-97-6	2				
methomyl	16752-77-5	175				
methoxychlor	72-43-5	340				
methyl ethyl ketone	78-93-3	170				
methyl parathion	298-00-0	2				
methyl-t-butyl ether (MTBE)	1634-04-4	40				
methylcyclohexane	108-87-2			28,600		
methylene blue active substances	--	500				
methylene chloride, see dichloromethane						
metolachlor	51218-45-2	340				
metribuzin	21087-64-9	175				
monochlorobenzene	108-90-7			100		
nickel	7440-02-0	350				
nitrate	14797-55-8	10,000				
nitrite	14797-65-0	1000				
oxamyl	23135-22-0	175				
paraquat	1910-42-5	3				
PCB's	1336-36-3	0.008				
pentachlorophenol	87-86-5	220				
picloram	1918-02-1	490				
prometon	1610-18-0	100				
pronamide	23950-58-5	52				
propachlor	1918-16-7	92				
propazine	139-40-2	14				
propham	122-42-9	120				
selenium	7782-49-2	10				
silver	7440-22-4	50				
simazine	122-34-9	35				
styrene	100-42-5	5				
sulfate	14808-79-8	250,000				
T, 2,4,5-	93-76-5	21				
TCDD, 2,3,7,8-	1746-01-6	2.2E-7				
tebuthiuron	34014-18-1	35				
terbacil	5902-51-2	90				
terbufos	13071-79-9	0.18				
tetrachloroethane, 1,1,2,2-	79-34-5			0.7		
tetrachloroethylene	127-18-4			7		
thiophanate methyl	23564-05-8	560				
toluene	108-88-3			2420		
total dissolved solids	--	500,000				
toxaphene	8001-35-2	0.031				
TP, 2,4,5- (Silvex)	93-72-1	10				
trichloroethane, 1,1,1-	71-55-6	200				

REPORT 5.
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
VERMONT

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
trichloroethylene	79-01-6	5				
trifluralin	1582-09-8	1.7				
trihalomethanes (total)	seq:28	100				
vinyl chloride	75-01-4	2				
xylenes	1330-20-7	400				
zinc	7440-66-6	5000				
zineb	12122-67-7	350				

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
WASHINGTON

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
ethylene dibromide	106-93-4			0.05		

REPORT 5
DETAILED STANDARDS AND GUIDELINES, BY AGENCY
WISCONSIN

Chemical		Standards		Guidelines		
Name	CAS #	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	Note
aldicarb	116-06-3			1		
butylate	2008-41-5			67		
carbaryl	63-25-2			960		
carbofuran	1563-66-2			50		
chloramben	133-90-4			150		
dacthal	1861-32-1			10		
dibromo-3-chloropropane, 1,2-	96-12-8			0.05		
dicamba	1918-00-9			12.5		
dichlorobenzene, m-	541-73-1			1250		
dichlorobenzene, o-	95-50-1			1250		
dichlorobenzene, p-	106-46-7			75		
dichloroethane, 1,1-	75-34-3			850		
dichloroethylene, cis-1,2-	156-59-2			100		
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			1360		
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			600		
simazine	122-34-9			2150		
styrene	100-42-5			5		
tetrachloroethylene	127-18-4			5		
tetrahydrofuran	109-99-9			50		
toluene	108-88-3			343		
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1			5500		
xylenes	1330-20-7			620		

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
acenaphthylene	KS	1
acephate	AZ	1
acetone	MA, MD, MN, NH	4
acifluorfen	EPA, ME, MN, RI, VT	5
acrolein	AZ, KS	2
acrylamide	AZ, EPA, ME, MN, NH, RI, VT	7
acrylonitrile	AZ, CT, EPA, KS, MN, NH	6
adipates (DEHA)	EPA	1
alachlor	AZ, CA, CT, EPA, IL, KS, MA, ME, MN, NH, RI, VT	12
aldicarb	AZ, CA, CT, EPA, MA, ME, MN, NH, NY, VT, WI	11
aldicarb sulfone	EPA, MA, NH, VT	4
aldicarb sulfoxide	EPA, MA, NH, VT	4
aldrin	AZ, CA, EPA, IL, KS, MN, NH, RI	8
allyl chloride	MN, NH	2
alpha-BHP, see hexachlorocyclohexane (alpha-)		1
aluminum	AZ, CA, EPA, KS, ME, RI	6
ametryn	EPA, ME, MN, RI, VT	5
amiben, see chloramben		1
ammonia	EPA	1
ammonium sulfamate	EPA, ME, MN, RI, VT	5
anthracene	KS	1
antimony	AZ, EPA, KS	3
arsenic	AL, AZ, EPA, MA, ME, MN, RI, VT	8
asbestos (long fibers/liter)	EPA, KS, MN, RI	4
atrazine	AZ, CA, CT, EPA, KS, MA, ME, MN, NY, RI, VT	11
azinophosmethyl	ME	1
barium	AL, AZ, EPA, MA, ME, MN, RI, VT	8
basagran, see bentazon		1
baygon	AZ, CA, EPA, ME, MN, RI, VT	7
benefin	RI, VT	2
benomyl	VT	1
bentazon	CA, EPA, ME, MN, RI, VT	6
benzalkonium chloride	MD	1
benzene	AL, AZ, CA, CT, EPA, FL, MA, ME, MN, NJ, RI, VT	12
benzene, a- hexachloride, see hexachlorocyclohexane (alpha-)		1
benzene, b- hexachloride, see hexachlorocyclohexane (beta-)		1
benzidine	AZ, KS, NH	3
benzo-a-anthracene	KS	1
benzo-a-pyrene	AZ, KS, NH	3
benzo-b-fluoranthene	KS	1
benzo-g,h,i-perylene	KS	1
benzo-k-fluoranthene	KS	1
beryllium	AZ, EPA, KS, NH, RI	5
beta particle and photon activity	EPA, MA	2
beta-BHC, see hexachlorocyclohexane (beta-)		1
bis(2-chloroethyl)ether	AZ, KS, ME, MN, NH	5
bis(2-chloroisopropyl)ether	EPA, KS	2
bis(2-ethylhexyl)phthalate	CA, KS, MA, ME, MN, RI	6
bis(chloromethyl)ether	KS, NH	2
bolero, see thiobencarb		1
boron	EPA	1
bromacil	AZ, EPA, KS, ME, MN, RI, VT	7
bromate	EPA	1
bromide	ME	1
bromobenzene	EPA	1
bromochloromethane	EPA	1
bromodichloromethane	AZ, EPA, IL, MN, RI, VT	6
bromoform	AZ, EPA, IL, MD, MN, RI	6
bromomethane	AZ, EPA, KS, MA, MN	5
bromoxynil	VT	1
butachlor	ME	1
butadiene, 1,3-	NH	1

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencie
butylate	EPA, ME, MN, RI, VT, WI	6
cadmium	AL, AZ, EPA, KS, MA, ME, MN, RI, VT	9
camphor	NH	1
captan	AZ, CA, ME, RI	4
carbaryl	AZ, CA, EPA, KS, ME, MN, RI, VT, WI	9
carbofuran	AZ, CA, CT, EPA, KS, MA, ME, MN, NH, NY, RI, VT, WI	13
carbon disulfide	AZ	1
carbon tetrachloride	AL, AZ, CA, CT, EPA, FL, KS, MA, ME, MN, NJ, RI, VT	13
carboxin	EPA, ME, MN, RI, VT	5
chloramben	EPA, ME, MN, RI, VT, WI	6
chloramine	EPA, ME	2
chlorate	ME	1
chlordane	AZ, CA, CT, EPA, IL, KS, MA, ME, MN, NH, NJ, RI, VT	13
chlordimeform	AZ	1
chloride	KS, RI	2
chlorinated acids	EPA	1
chlorinated aldehydes	EPA	1
chlorinated ketones	EPA	1
chlorine	EPA	1
chlorine dioxide	EPA, ME	2
chlorite	EPA, ME	2
chloro-o-cresol, 4-	KS	1
chlorobenzene, see monochlorobenzene		2
chlorodibromomethane, see dibromochloromethane		1
chloroethane	EPA	1
chloroform	AZ, EPA, IL, MA, MN, RI, VT	7
chloromethane	AZ, EPA, KS	3
chlorophenol, o-	KS	1
chlorophenol, p-	KS	1
chlorophenols	EPA	1
chloropicrin	CA, EPA	2
chlorothalonil	EPA, ME, MN, RI, VT	5
chlorotoluene, o-	EPA	1
chlorotoluene, p-	EPA	1
chlorpyrifos	EPA, RI, VT	3
chromium	AL, AZ, EPA, MA, ME, MN, RI, VT	8
chrysene	KS	1
CIPC (isopropyl-n-3-chlorophenyl-carbamate)	CA	1
cis-1,2-dichloroethylene, see dichloroethylene, cis-1,2-		2
cobalt	AZ	1
copper	AZ, EPA, KS, MA, MN, RI, VT	7
cumene, see isopropylbenzene		1
cyanazine	AZ, CT, EPA, KS, ME, MN, RI, VT	8
cyanide	AZ, EPA, KS, MA, ME, MN, NH, RI, VT	9
cyclonite (RDX)	EPA	1
cyclopentane	VT	1
cymene, p-	EPA	1
D, 2,4-	AL, AZ, CT, EPA, MA, ME, MN, RI, VT	9
dacthal	AZ, EPA, KS, ME, MN, RI, VT, WI	8
dalapon	AZ, EPA, ME, MN, RI, VT	6
DBCP, see dibromochloropropane		1
DCPA, see dacthal		1
DDE, 4,4-	KS	1
DDT	AZ, IL, KS, ME, MN, NH, RI	7
DEHA, see adipates		1
DEHP, see bis(2-ethylhexyl)phthalate		1
di(2-ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate		1
di-n-butyl phthalate	KS, ME, RI	3
diazinon	AZ, CA, EPA, KS, ME, MN, RI, VT	8
dibenzo-a,h-anthracene	KS	1
dibromo-3-chloropropane, 1,2-	AZ, CA, EPA, MA, ME, MN, NH, RI, VT, WI	10

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
dibromobenzene, 1,4-	MN	1
dibromochloromethane	AZ, EPA, IL, MN, RI	5
dibromoethane, 1,2-, see ethylene dibromide		2
dibromomethane	EPA, VT	2
dicamba	AZ, CT, EPA, ME, MN, RI, VT, WI	8
dichlorobenzene, 1,2 see dichlorobenzene, o-		1
dichlorobenzene, 1,3 see dichlorobenzene, m-		1
dichlorobenzene, 1,4 see dichlorobenzene, p-		1
dichlorobenzene, m-	AZ, CA, EPA, KS, MN, NJ, RI, WI	8
dichlorobenzene, o-	AZ, CA, EPA, KS, MA, ME, MN, NH, NJ, RI, VT, WI	12
dichlorobenzene, p-	AL, AZ, CA, CT, EPA, MA, ME, MN, RI, VT, WI	11
dichlorobenzidine, 3,3-	AZ, KS, MN, NH	4
dichlorobromomethane, see bromodichloromethane		1
dichlorodifluoromethane	AZ, EPA, KS, ME, MN, RI	6
dichlorodiphenyltrichloroethane, 4,4-, see DDT		1
dichloroethane, 1,1-	CA, EPA, IL, MA, MN, NH, RI, VT, WI	9
dichloroethane, 1,2-	AL, AZ, CA, CT, EPA, FL, MA, ME, MN, NJ, RI, VT	12
dichloroethylene, 1,1-	AL, AZ, CA, CT, EPA, MA, ME, MN, NJ, RI, VT	11
dichloroethylene, cis-1,2-	CA, EPA, KS, ME, MN, NH, WI	7
dichloroethylene, trans-1,2-	AZ, CA, EPA, KS, ME, MN, NH, RI, WI	9
dichloroethylenes, 1,2-	AZ, MA, NJ, VT	4
dichloromethane	AZ, CA, CT, EPA, KS, MA, ME, MN, NH, NJ, RI, VT	12
dichlorophenol, 2,4-	AZ, KS, ME	3
dichlorophenol, 2,6-	KS	1
dichlorophenol, 3,4-	KS	1
dichlorophenoxyacetic acid, 2,4-, see D, 2,4-		1
dichloropropane, 1,2-	AZ, CA, CT, EPA, KS, MA, ME, MN, NH, RI, VT	11
dichloropropane, 1,3-	EPA	1
dichloropropane, 2,2-	EPA	1
dichloropropene, 1,1-	EPA	1
dichloropropene, 1,3-	CA, CT, EPA, KS, MA, ME, MN, RI, VT	9
dichloropropenes	AZ	1
dichloropropylene, 1,3-, see dichloropropene, 1,3-		1
dicofol	AZ	1
dieldrin	AZ, CA, CT, EPA, IL, KS, ME, MN, NH, RI, VT	11
diethylhexyl phthalate, see bis(2-ethylhexyl)phthalate		1
diethylphthalate	KS	1
diisopropyl methylphosphonate (DIMP)	CO, EPA	2
dimethoate	AZ, CA, RI, WI	4
dimethrin	EPA, ME, MN, RI, VT	5
dimethylphenol, 2,4-	CA, KS	2
dimethylphthalate	KS	1
dinitro-o-cresol, 4,6-	KS	1
dinitrophenol, 2,4-	AZ, KS, ME, MN	4
dinitrotoluene, 2,4-	EPA, KS, MN, NH	4
dinitrotoluene, 2,6-	KS	1
dinoseb	AZ, CT, EPA, KS, MA, ME, MN, RI, VT, WI	10
dioxane, p-	CT, EPA, MA, ME, MN, RI, VT	7
diphenamid	CA, EPA, ME, MN, RI, VT	6
diphenylhydrazine, 1,2-	AZ, KS, MN, NH	4
diquat	EPA	1
disulfoton	AZ, EPA, ME, MN, RI, VT	6
dithane, see mancozeb		1
diuron	AZ, EPA, ME, MN, RI, VT	6
dual, see metolachlor		1
EDB, see ethylene dibromide		1
endosulfan	AZ, RI	2
endosulfan sulfate	KS	1
endosulfan, alpha-	KS	1
endosulfan, beta-	KS	1
endothall	AZ, EPA, ME, MN, RI, VT	6

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
endrin	AL, AZ, EPA, MA, ME, MN, RI, VT	8
epichlorohydrin	AZ, EPA, ME, MN, NH, RI, VT	7
eptam, see EPTC		1
EPTC	AZ, RI, WI	3
ethion	CA, RI	2
ethylbenzene	AZ, CA, EPA, IL, KS, MA, ME, MN, NH, RI, VT, WI	12
ethylene dibromide	AZ, CA, CT, EPA, FL, MA, ME, MN, NH, RI, VT, WA, WI	13
ethylene dichloride, see dichloroethane, 1,2-		1
ethylene glycol	AZ, CT, EPA, MA, ME, MN, NH, NJ, RI, VT	10
ethylene thiourea	CT, EPA, ME, MN, RI, VT	6
ETU, see ethylene thiourea		1
fenamiphos	AZ, EPA, ME, MN, RI, VT	6
fenvalerate	AZ	1
ferbam	RI	1
fluometron	EPA, ME, MN, RI, VT	5
fluoranthene	KS	1
fluorene	KS	1
fluoride	AL, AZ, EPA, MA, ME, MN, RI, VT	8
fluorotrichloromethane	AZ, CA, EPA, KS, MD, ME, MN, RI, WI	9
fog oil, see hexachloroethane		1
folpet	ME, RI	2
fonofos	EPA, ME, MN, RI, VT	5
formaldehyde	CA, EPA, MD, ME, NJ	5
fuel oil #2	ME	1
gasoline	EPA, ME	2
glyphosate	AZ, CA, EPA, ME, MN, RI, VT	7
gross alpha activity	AL, EPA, MA	3
gross beta (millirem/yr)	AL	1
guthion	RI	1
haloacetonitriles	EPA	1
heptachlor	AZ, CA, EPA, IL, KS, MA, ME, MN, NH, RI, VT	11
heptachlor epoxide	AZ, CA, EPA, IL, KS, MA, ME, MN, NH, RI, VT	11
hexachlorobenzene	AZ, EPA, KS, ME, MN, NH, RI, VT	8
hexachlorobutadiene	EPA, KS, MN	3
hexachlorocyclohexane (alpha-)	CA, ME, MN, NH	4
hexachlorocyclohexane (beta-)	CA, ME, MN	3
hexachlorocyclohexane, technical	NH	1
hexachlorocyclopentadiene	EPA, KS	2
hexachlorocylcohexane (gamma-), see lindane		1
hexachlorodibenzodioxin	MN, NH	2
hexachloroethane	EPA, KS, MN	3
hexachlorophene	ME	1
hexane, n-	AZ, EPA, ME, NJ, RI, VT	6
hexazinone	EPA, MN, RI, VT	4
HMX	EPA	1
hydroquinone	MD	1
hypochlorite ion	EPA	1
indeno(1,2,3,-c,d)pyrene	KS	1
iodide	ME	1
iron	IL, KS, MD, RI	4
isophorone	EPA, KS	2
isopropanol	MD	1
isopropylbenzene	EPA	1
ketones, see chlorinated ketones		1
lasso, see alachlor		1
lead	AL, AZ, EPA, MA, ME, MN, RI, VT	8
lindane	AL, AZ, EPA, MA, ME, MN, RI, VT	8
malathion	AZ, CA, EPA, KS, ME, RI	6
maleic hydrazide	EPA, ME, MN, RI, VT	5
mancozeb	AZ, RI	2
maneb	AZ, ME, RI, VT	4
manganese	CT, EPA, IL, KS, MD, RI, VT	7

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
MCPA	EPA, ME, MN, RI, VT	5
MCPP	VT	1
mercury	AL, AZ, EPA, MA, ME, MN, RI, VT	8
methomyl	AZ, EPA, ME, MN, RI, VT	6
methoxychlor	AL, AZ, CA, EPA, MA, ME, MN, RI, VT	9
methyl ethyl ketone	AZ, CT, EPA, MA, ME, MN, NH, NJ, RI, VT	10
methyl isobutyl ketone	MA, MN, RI	3
methyl methacrylate	ME	1
methyl parathion	AZ, CA, EPA, KS, ME, MN, RI, VT	8
methyl-t-butyl ether (MTBE)	CT, EPA, MA, ME, NH, RI, VT	7
methylcyclohexane	VT	1
methylene blue active substances	VT	1
methylene chloride, see dichloromethane		
metolachlor	CT, EPA, IL, KS, MA, ME, MN, RI, VT, WI	9
metribuzin	EPA, IL, KS, ME, MN, RI, VT, WI	10
molybdenum	AZ, EPA	8
monochlorobenzene	AZ, CA, EPA, KS, MA, ME, MN, NH, NJ, RI, VT, WI	2
n-propyl benzene	EPA	12
naphthalene	EPA, KS	1
nickel	AZ, EPA, KS, ME, MN, NH, RI, VT	2
nitrate	AL, EPA, MA, ME, MN, RI, VT	8
nitrite	EPA, KS, ME, MN, NH, RI, VT	7
nitrobenzene	AZ, KS, ME	7
nitrocellulose (non-toxic)	EPA	3
nitrogen (total)	AZ, RI	1
nitroguanidine	EPA	2
nitrophenol	ME	1
nitrophenol, 2-	KS	1
nitrophenol, 4-	KS	1
nitrosodimethylamine, n-	KS, MN	1
nitrosodiphenylamine, n-	KS, MN	2
nitrosopyrrolidine, n-	AZ	2
ordram (molinate)	CA	1
oxamyl	AZ, EPA, MA, ME, MN, NH, RI, VT	1
ozone	EPA	8
PAH's	EPA, ME, MN	1
paraquat	AZ, EPA, ME, MN, RI, VT	3
parathion	AZ, CA, KS, ME	6
PCB's	AZ, CT, EPA, KS, MA, ME, MN, NH, NJ, NY, RI, VT	4
PCB's (total noncarcinogenic)	MN	12
PCNB	CA, ME, RI	1
pendimethalin	AZ	3
pentachlorobenzene	AZ	1
pentachloroethane	EPA	1
pentachloronitrobenzene, see PCNB		1
pentachlorophenol	AZ, CA, EPA, KS, ME, MN, RI, VT	1
phenanthrene	KS	8
phenol	CA, EPA, KS, MN, NH	1
phorate-	ME, RI	5
phthalates	EPA	2
picloram	AZ, EPA, KS, ME, MN, RI, VT	1
polychlorinated biphenyls, see PCB's		7
potassium carbonate	MD	1
principal organic contaminant	NY	1
prometon	EPA, ME, MN, RI, VT	1
pronamide	AZ, EPA, ME, MN, RI, VT	5
propachlor	EPA, KS, ME, MN, RI, VT	6
propanil	ME	6
propargite	AZ	1
propazine	EPA, KS, ME, MN, RI, VT	1
propham	AZ, EPA, ME, MN, RI, VT	6
pyrene	KS	6
		1

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
radium 226/228	AL, EPA, MA, RI	4
radon	MA, RI	2
resorcinol	ME	1
rotenone	ME, RI	2
selenium	AL, AZ, EPA, MA, ME, MN, RI, VT	8
sencor, see metribuzin		1
silver	AL, AZ, EPA, MA, ME, MN, RI, VT	8
silvex, see TP, 2,4,5-		1
simazine	AZ, CA, CT, EPA, ME, MN, RI, VT, WI	9
sodium	EPA, KS, MA, RI	4
sodium bisulfite	MD	1
sodium bromide	MD	1
sodium sulfate	MD	1
sodium sulfite	MD	1
strobane	AZ	1
strontium	EPA, ME	2
strontium 90 (pCi/L)	AL	1
styrene	AZ, EPA, MA, ME, MN, NH, RI, VT, WI	9
sulfate	EPA, KS, RI, UT, VT	5
T, 2,4,5-	EPA, KS, ME, MN, RI, VT	6
TBN (total base neutrals noted)	KS	1
TCDD, 2,3,7,8-	EPA, KS, ME, MN, NH, RI, VT	7
TDS	UT	1
tebuthiuron	AZ, EPA, ME, MN, RI, VT	6
terbacil	EPA, ME, MN, RI, VT	5
terbufos	EPA, ME, MN, RI, VT	5
terrachlor, see PCNB		1
tetrachlorobenzene, 1,2,4,5-	AZ	1
tetrachlorodibenzo-p-dioxin, 2,3,7,8-, see TCDD, 2,3,7,8-		1
tetrachloroethane, 1,1,1,2-	EPA, RI	2
tetrachloroethane, 1,1,2,2-	AZ, CA, EPA, KS, MN, RI, VT	7
tetrachloroethylene	AZ, CA, CT, EPA, FL, KS, MA, ME, MN, NH, NJ, RI, VT, WI	14
tetrachloromethane, see carbon tetrachloride		1
tetrachlorophenol, 2,3,4,6-	KS	1
tetrahydrofuran	MN, NH, WI	3
tetrasodium EDTA	MD	1
thallium	AZ, EPA, KS	3
thiobencarb	CA	1
thiophanate methyl	VT	1
thiram	ME, RI	2
toluene	AZ, CA, CT, EPA, KS, MA, MN, NH, RI, VT, WI	11
total dissolved solids	VT	1
total principal and unspecific organic contam.	NY	1
toxaphene	AL, AZ, EPA, MA, ME, MN, RI, VT	8
TP, 2,4,5- (Silvex)	AL, AZ, EPA, MA, ME, MN, RI, VT	8
trans-dichloroethylene, see dichloroethylene, trans-1,2-		1
trichloro-1,2,2-trifluoroethane, 1,1,2-	CA, WI	2
trichlorobenzene, 1,2,4-	AZ, EPA, KS, NJ	4
trichlorobenzene, 1,3,5-	EPA	1
trichlorobenzenes	EPA	1
trichloroethane, 1,1,1-	AL, AZ, CA, CT, EPA, MA, ME, MN, NJ, RI, VT	11
trichloroethane, 1,1,2-	AZ, CA, EPA, MA, MN, RI	6
trichloroethylene	AL, AZ, CA, CT, EPA, FL, MA, ME, MN, NH, NJ, RI, VT	13
trichlorofluoromethane (Freon 11), see fluorotrichlorome		1
trichlorophenol, 2,4,5-	AZ, KS	2
trichlorophenol, 2,4,6-	AZ, KS, ME, MN, NH	5
trichlorophenoxyacetic acid, 2,4,5-, see T, 2,4,5-		1
trichlorophenoxypropionic acid, 2,4,5-, see TP, 2,4,5-		1
trichloropropane, 1,2,3-	AZ, EPA	2
trichlorotrifluoroethane, 1,1,2-	MN	1
triethylene glycol	MD	1
trifluralin	AZ, EPA, ME, MN, RI, VT	6

(a) For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 6
STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical	Agency Having Standard or Guideline (a)	No. of Agencies
trihalomethanes (total)	AL, AZ, EPA, MA, ME, MN, NH, RI, VT	9
trimethylbenzene, 1,2,4-	EPA	1
trimethylbenzene, 1,3,5-	EPA	1
trinitroglycerol	EPA	1
trinitrophenol	ME	1
trinitrotoluene, 2,4,6-	EPA	1
trithion	CA	1
tritium (pCi/L)	AL	1
TVOC (total volatile organics)	KS	1
unspecified organic contaminant	NY	1
uranium (picocuries/liter)	AZ, CA, MA	3
vanadium	AZ, EPA	2
vinyl chloride	AL, AZ, CA, CT, EPA, FL, KS, MA, ME, MN, NJ, RI, VT	13
vinylidene chloride, see dichloroethylene, 1,1-		
white phosphorus	EPA	1
xylene, 1,2-	CA	1
xylene, 1,3-	CA	1
xylene, 1,4-	CA	1
xylenes	AZ, EPA, KS, MA, ME, MN, NH, NJ, RI, VT, WI	11
zinc	AZ, EPA, KS, RI, VT	5
zinc chloride	EPA	1
zineb	AZ, VT	2
ziram (and Ferbam)	ME	1

a. For specific standard or guideline levels/dates refer to REPORT 5; STANDARDS AND GUIDELINES REPORT, BY AGENCY.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Not
acenaphthylene	208-96-8	KS			0.029		
acephate	30560-19-1	AZ			4		
acetone	67-64-1	MA			700		
	67-64-1	MD			3600		
	67-64-1	MN			700		1
	67-64-1	NH			700		
acifluorfen	5094-66-6	EPA					2
	5094-66-6	ME			9		
	5094-66-6	MN			9		
	5094-66-6	RI			9		
	5094-66-6	VT	9				
acrolein	107-02-8	AZ			320	2/88	
	107-02-8	KS			320		
acrylamide	79-06-1	AZ			0.01		
	79-06-1	EPA		12/90			2
	76-06-1	ME			0.1		
	79-06-1	MN			0.1		
	79-06-1	NH			0		
	79-06-1	RI			0.01		
	79-06-1	VT	0.01				
acrylonitrile	107-13-1	AZ			0.15		
	107-13-1	CT			35		
	107-13-1	EPA		1/92		9/90	
	107-13-1	KS			3.8		
	107-13-1	MN			0.7		
	107-13-1	NH			0.15		
adipates (DEHA)	103-23-1	EPA		6/91			
alachlor	15972-60-8	AZ			0.15	2/88	
	15972-60-8	CA			0.2		
	15972-60-8	CT				4/90	
	15972-60-8	EPA		12/90			2
	15972-60-8	IL					
	15972-60-8	KS			5		
	15972-60-8	MA			2		
	15972-60-8	ME			2		
	15972-60-8	MN			6		
	15972-60-8	NH			2		
	15972-60-8	RI			0.5		
	15972-60-8	VT	0.5				
aldicarb	116-06-3	AZ			9	2/88	
	116-06-3	CA			10		
	116-06-3	CT				4/90	
	116-06-3	EPA		12/90	10		
	116-06-3	MA			10		
	116-06-3	ME			2		
	116-06-3	MN			10		
	116-06-3	NH			10		
	116-06-3	NY			7		
	116-06-3	VT	10				
	116-06-3	WI			1		
aldicarb sulfone	1646-88-4	EPA		12/90	40		
	1646-88-4	MA			40		

1 Standards listed are current, enforceable MCL's.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
aldicarb sulfone (cont.)	1646-88-4	NH			40		
	1646-88-4	VT	10				
aldicarb sulfoxide	1646-87-3	EPA		12/90			
	1646-87-3	MA			10		
	1646-87-3	NH			10		
	1646-87-3	VT	10		10		
aldrin	309-00-2	AZ			0.002		
	309-00-2	CA			0.05		1
	309-00-2	EPA				9/90	
	309-00-2	IL	1				
	309-00-2	KS			0.031		
	309-00-2	MN			0.02		
	309-00-2	NH			0.002		
	309-00-2	RI			0.05		
allyl chloride	107-05-1	MN			0.002		
	107-05-1	NH			7		
alpha-BHP, see hexachlorocyclohexane (alpha-)							
aluminum	7429-90-5	AZ			73		
	7429-90-5	CA	1000				
	7429-90-5	EPA		1/92		9/90	
	7429-90-5	KS			5000		
	7429-90-5	ME			1430		
	7429-90-5	RI			50		2
ametryn	834-12-8	EPA			60		
	834-12-8	ME			60		
	834-12-8	MN			60		
	834-12-8	RI			60		
	834-12-8	VT	60				
amiben, see chloramben							
ammonia	7664-41-7	EPA		1/92		9/90	
ammonium sulfamate	7713-06-0	EPA			2000		
	7713-06-0	ME			1500		
	7773-06-0	MN			1500		
	7713-06-0	RI			1500		
	7713-06-0	VT	1500				
anthracene	120-12-7	KS			0.029		
antimony	7440-36-0	AZ			14		
	7440-36-0	EPA		6/91		9/90	
	7440-36-0	KS			143		
arsenic	7440-38-2	AL	50				
	7440-38-2	AZ	50		50		
	7440-38-2	EPA	50	6/91			
	7440-38-2	MA	50				
	7440-38-2	ME			30		
	7440-38-2	MN	50		50		
	7440-38-2	RI	50		30		
	7440-38-2	VT	50				
asbestos (long fibers/liter)	1332-21-4	EPA		12/90			
	1332-21-4	KS			7.1E+06		
	1332-21-4	MN			7.1E+06		
	1332-21-4	RI			7E+6		

1 Established at limit of quantification.
2 Represents a secondary MCL (aesthetics-based standard).

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
atrazine	1912-24-9	AZ			3		
	1912-24-9	CA	3				
	1912-24-9	CT				4/90	
	1912-24-9	EPA		12/90	3		
	1912-24-9	KS			25		
	1912-24-9	MA			3		
	1912-24-9	ME			2		
	1912-24-9	MN			3		
	1912-24-9	NY			25		
	1912-24-9	RI			2		
	1912-24-9	VT	3				
azinophosmethyl	86-50-0	ME			25		
barium	7440-39-3	AL	1000				
	7440-39-3	AZ	1000		1500		
	7440-39-3	EPA	1000	12/90	5000		
	7440-39-3	MA	1000				
	7440-39-3	ME			1000		
	7440-39-3	MN	1000		1500		
	7440-39-3	RI	1000				
	7440-39-3	VT	1000				
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		
	114-26-1	RI			3		
	114-26-1	VT	3				
benefin	1861-40-1	RI			35		
	1861-40-1	VT	2100				
bencmyl	17804-35-2	VT	350				
bentazon	25057-89-0	CA	18				
	25057-89-0	EPA			20		
	25057-89-0	ME			17.5		
	25057-89-0	MN			18		
	25057-89-0	RI			18		
	25057-89-0	VT	17.5				
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				1
	71-43-2	FL	1				
	71-43-2	MA	5				
	71-43-2	ME			5		
	71-43-2	MN	5		7		
	71-43-2	NJ	1				2
	71-43-2	RI	5		0.7		
	71-43-2	VT	5				
benzene, a- hexachloride, see hexachlorocyclohexane (alpha-)							
benzene, b- hexachloride, see hexachlorocyclohexane (beta-)							
benzidine	92-87-5	AZ			0.0001		
	92-87-5	KS			0.0015		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 Guidelines for a 1 year versus lifetime exposure period are available for all compounds listed as having standa

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
benzidine (cont.)	92-87-5	NH			2E-4		
benzo-a-anthracene	56-55-3	KS			0.029		
benzo-a-pyrene	50-32-8	AZ			0.003		
	50-32-8	KS			0.03		
	50-32-8	NH			3E-3		
benzo-b-fluoranthene	205-99-2	KS			0.029		
benzo-g,h,i-perylene	191-24-2	KS			0.029		
benzo-k-fluoranthene	207-08-7	KS			0.029		
beryllium	7440-41-7	AZ			0.007		
	7440-41-7	EPA		6/91		9/90	
	7440-41-7	KS			0.13		
	7440-41-7	NH			4E-3		
	7440-41-7	RI				1/91	
beta particle and photon activity	12587-47-2	EPA	4mrem/yr	1/91			
	12587-47-2	MA	4mrem/yr				
beta-BHC, see hexachlorocyclohexane (beta-)							
bis(2-chloroethyl)ether	111-44-4	AZ			0.030		
	111-44-4	KS			4.2		
	111-44-4	ME			8.3		
	111-44-4	MN			0.31		
	111-44-4	NH			0.03		
bis(2-chloroisopropyl)ether	108-60-1	EPA			300		
	108-60-1	KS			34.7		
bis(2-ethylhexyl)phthalate	117-81-7	CA		5/90	4		
	117-81-7	KS			4200		
	117-81-7	MA			10		
	117-81-7	ME			1200		
	117-81-7	MN			40		
	117-81-7	RI			1200		
bis(chloromethyl)ether	542-88-1	KS			3.8E-06		
	542-88-1	NH			4 E-6		
bolero, see thiobencarb							
boron	7440-42-8	EPA		1/92		9/90	
bromacil	314-40-9	AZ			80		
	314-40-9	EPA			90		
	314-40-9	KS			840		
	314-40-9	ME			25		
	314-40-9	MN			80		
	314-40-9	RI			80		
	314-40-9	VT	80				
bromate	15541-45-4	EPA		1/92			
bromide	24959-67-9	ME			660		
bromobenzene	108-86-1	EPA					1
bromochloromethane	74-97-5	EPA				9/90	
bromodichloromethane	75-27-4	AZ			0.19		
	75-27-4	EPA	100	1/92		9/90	

1 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
bromodichloromethane (cont.)	75-27-4	IL					
	75-27-4	MN			140		
	75-27-4	RI	100				
	75-27-4	VT			100		
bromoform	75-25-2	AZ			0.19		
	75-25-2	EPA	100	1/92		9/90	
	75-25-2	IL			1		
	75-25-2	MD			40		
	75-25-2	MN			140		
	75-25-2	RI	100				
bromomethane	74-83-9	AZ			0.19		
	74-83-9	EPA		1/92	10		
	74-83-9	KS			0.19		
	74-83-9	MA			10		
	74-83-9	MN			0.003		
bromoxynil	1689-84-5	VT	280				
butachlor	23184-66-9	ME			20		
butadiene, 1,3-	106-99-0	NH			0.02		
butylate	2008-41-5	EPA			350		
	2008-41-5	ME			360		
	2008-41-5	MN			50		
	2008-41-5	RI			50		
	2008-41-5	VT	50				
	2008-41-5	WI			67		
cadmium	7440-43-9	AL	10				
	7440-43-9	AZ	10		5		
	7440-43-9	EPA	10	12/90	5		
	7440-43-9	KS			5		
	7440-43-9	MA	10				
	7440-43-9	ME			5		
	7440-43-9	MN	10		5		
	7440-43-9	RI	10		5		
	7440-43-9	VT	5				
camphor	76-22-2	NH			200		
captan	133-06-2	AZ			91		
	133-06-2	CA			350		
	133-06-2	ME			100		
	133-06-2	RI			350		
carbaryl	63-25-2	AZ			700		
	63-25-2	CA			60		
	63-25-2	EPA			700	3/88	
	63-25-2	KS			672		
	63-25-2	ME			164		
	63-25-2	MN			700		
	63-25-2	RI			700		
	63-25-2	VT	700				
	63-25-2	WI			960		
carbofuran	1563-66-2	AZ			36	2/88	
	1563-66-2	CA		5/90	18		
	1563-66-2	CT				4/90	
	1563-66-2	EPA		12/90	40		
	1563-66-2	KS			36		
	1563-66-2	MA			10		
	1563-66-2	ME			40		

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
carbofuran (cont.)	1563-66-2	MN			36		
	1563-66-2	NH			40		
	1563-66-2	NY			15		
	1563-66-2	RI			36		
	1563-66-2	VT	36				
	1563-66-2	WI			50		
carbon disulfide	75-15-0	AZ			830	2/88	
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				1
	56-23-5	FL	3				
	56-23-5	KS			5		
	56-23-5	MA	5				
	56-23-5	ME			2.7		
	56-23-5	MN	5		2.7		
	56-23-5	NJ	2				
	56-23-5	RI	5		0.3		
	56-23-5	VT	5				
carboxin	5234-68-4	EPA			700		
	5234-68-4	ME			700		
	5234-68-4	MN			700		
	5234-68-4	RI			700		
	5234-68-4	VT	700				
chloramben	133-90-4	EPA			100		
	133-90-4	ME			105		
	133-90-4	MN			105		
	133-90-4	RI			100		
	133-90-4	VT	105				
	133-90-4	WI			150		
chloramine	55-86-7	EPA		1/92		9/90	
	55-86-7	ME			166		
chlorate	10326-21-3	ME			7		
chlordane	57-74-9	AZ			0.022		
	57-74-9	CA		5/90	0.1		
	57-74-9	CT				2/90	
	57-74-9	EPA		12/90			1
	57-74-9	IL	3				
	57-74-9	KS			0.27		
	57-74-9	MA			0.5		
	57-74-9	ME			0.27		
	57-74-9	MN			0.3		
	57-74-9	NH			2		
	57-74-9	NJ	0.5				
	57-74-9	RI			0.03		
	57-74-9	VT	0.027				
chlordimeform	6164-98-3	AZ			0.027		
chloride	16887-00-6	KS			250		
	16887-00-6	RI	250,000				2
chlorinated acids	--	EPA		1/92		9/90	
chlorinated aldehydes	seq:78	EPA		1/92		9/90	

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 Represents a secondary MCL (aesthetics-based standard).

REPORT 7.
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
chlorinated ketones	seq:5	EPA		1/92			
chlorine	7782-50-5	EPA		1/92		9/90	
chlorine dioxide	10049-04-4	EPA		1/92	1000	9/90	
	10049-04-4	ME			60		
chlorite	14998-27-7	EPA		1/92	1000		
	14998-27-7	ME			7		
chloro-o-cresol, 4-	1570-64-5	KS			3000		
chlorobenzene, see monochlorobenzene							
chlorodibromomethane, see dibromochloromethane							
chloroethane	75-00-3	EPA					
chloroform	67-66-3	AZ			0.49		
	67-66-3	EPA	100			9/90	
	67-66-3	IL			1		
	67-66-3	MA			5		2
	67-66-3	MN			57		
	67-66-3	RI	100		6		
	67-66-3	VT	6				
chloromethane	74-87-3	AZ			0.19		
	74-87-3	EPA		1/92			
	74-87-3	KS			0.19		
chlorophenol, o-	95-57-8	KS			0.1		
chlorophenol, p-	106-48-9	KS			0.3		
chlorophenols	seq:20	EPA		1/92		9/90	
chloropicrin	76-06-2	CA			50	(37)	3
	76-06-2	EPA		1/92			
chlorothalonil	1897-45-6	EPA					4
	1897-45-6	ME			15		
	1897-45-6	MN			15		
	1897-45-6	RI			2		
	1897-45-6	VT	1.5				
chlorotoluene, o-	95-09-8	EPA		1/92	100		
chlorotoluene, p-	106-43-4	EPA		1/92	100		
chlorpyrifos	2921-88-2	EPA				9/90	
	2921-88-2	RI				1/91	
	2921-88-2	VT	21				
chromium	7440-47-3	AL	50				
	7440-47-3	AZ	50		120		
	7440-47-3	EPA	50	12/90	120		
	7440-47-3	MA	50				
	7440-47-3	ME			50		
	7440-47-3	MN	50		120		
	7440-47-3	RI	50				
	7440-47-3	VT	50				

1 No lifetime HA derived due to data deficiencies.
2 From non-chlorinated supplies only
3 Taste and odor threshold. Secondary action level based on aesthetics.
4 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
chrysene	218-01-9	KS			0.029		
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		
copper	7440-50-8	AZ	1000		1300		
	7440-50-8	EPA		4/90			
	7440-50-8	KS			1000		
	7440-50-8	MA			1300		
	7440-50-8	MN			1300		
	7440-50-8	RI	1000				1
	7440-50-8	VT	1000				
cumene, see isopropylbenzene							
cyanazine	21725-46-2	AZ			9		
	21725-46-2	CT				4/90	
	21725-46-2	EPA		1/92	10		
	21725-46-2	KS			8.7		
	21725-46-2	ME			14		
	21725-46-2	MN			9		
	21725-46-2	RI			9		
	21725-46-2	VT	9				
cyanide	57-12-5	AZ			220		
	57-12-5	EPA		6/91	154		
	57-12-5	KS			154		
	57-12-5	MA			140		
	57-12-5	ME			154		
	57-12-5	MN			154		
	57-12-5	NH			154		
	57-12-5	RI			150		
	57-12-5	VT	154				
cyclonite (RDX)	121-82-4	EPA			2		
cyclopentane	287-92-3	VT			30,700		
cymene, p-	99-87-6	EPA					2
D, 2,4-	94-75-7	AL	100				
	94-75-7	AZ	100		70		
	94-75-7	CT				4/90	
	94-75-7	EPA	100	12/90	70		
	94-75-7	MA	100				
	94-75-7	ME			70		
	94-75-7	MN	100		70		
	94-75-7	RI	100		70		
	94-75-7	VT	70				
dacthal	1861-32-1	AZ			3500		
	1861-32-1	EPA			4000		
	1861-32-1	KS			3500		
	1861-32-1	ME			3500		
	1861-32-1	MN			3500		
	1861-32-1	RI			3500		
	1861-32-1	VT	3500				
	1861-32-1	WI			10		
dalapon	75-99-0	AZ			560		
	75-90-0	EPA		6/91	200		
	75-90-0	ME			200		

1 Represents a secondary MCL (aesthetics-based standard).
2 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
dalapon (cont.)	75-99-0	MN			560		
	75-90-0	RI			560		
	75-90-0	VT	560				
DBCP, see dibromochloropropane							
DCPA, see dacthal							
DDE, 4,4-	72-55-9	KS			2.4E-05		
DDT	50-29-3	AZ			0.10		
	50-29-3	IL	50				
	50-29-3	KS			0.42		
	50-29-3	ME			0.83		
	50-29-3	MN			1		
	50-29-3	NH			0.1		
	50-29-3	RI			0.8		
DEHA, see adipates							
DEHP, see bis(2-ethylhexyl)phthalate							
di(2-ethylhexyl)phthalate, see bis(2-ethylhexyl)phthalate							
di-n-butyl phthalate	84-74-2	KS			770		
	84-74-2	ME			220		
	84-74-2	RI			220		
diazinon	333-41-5	AZ			0.63		
	333-41-5	CA			14		
	333-41-5	EPA			0.6		
	333-41-5	KS			0.63		
	333-41-5	ME			0.63		
	333-41-5	MN			0.6		
	333-41-5	RI			0.6		
	333-41-5	VT	0.63				
dibenzo-a,h-anthracene	53-70-3	KS			0.029		
dibromo-3-chloropropane, 1,2-	96-12-8	AZ			0.025	2/88	
	96-12-8	CA	0.2				
	96-12-8	EPA		12/90			1
	96-12-8	MA			0.2		
	96-12-8	ME			0.2		
	96-12-8	MN			0.3		
	96-12-8	NH			0.2		
	96-12-8	RI			0.03		
	96-12-8	VT	0.025				
	96-12-8	WI			0.05		
dibromobenzene, 1,4-	106-37-6	MN			70		2
dibromochloromethane	124-48-1	AZ			0.19		
	124-48-1	EPA	100			9/90	
	124-48-1	IL			1		
	124-48-1	MN			140		
	124-48-1	RI	100				
dibromoethane, 1,2-, see ethylene dibromide							
dibromomethane	74-95-3	EPA		1/92			3
	74-95-3	VT	0.01				
dicamba	1918-00-9	AZ			9		
	1918-00-9	CT				4/90	
	1918-00-9	EPA		1/92	200		
	1918-00-9	ME			9		
	1918-00-9	MN			9		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 Standards listed are current, enforceable MCL's.
3 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
dicamba (cont.)	1918-00-9	RI			9		
	1918-00-9	VT	9				
	1918-00-9	WI			12.5		
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	(20)	1
	541-73-1	EPA			620		
	541-73-1	KS			620		
	541-73-1	MN			620		
	541-73-1	NJ	600				
	541-73-1	RI			600		
	541-73-1	WI			1250		
dichlorobenzene, o-	95-50-1	AZ			620	2/88	
	95-50-1	CA			130	(10)	1
	95-50-1	EPA		12/90	620		
	95-50-1	KS			620		
	95-50-1	MA			600		
	95-50-1	ME			85		
	95-50-1	MN			620		
	95-50-1	NH			600		
	95-50-1	NJ	600				
	95-50-1	RI			600		
	95-50-1	VT			620		
	95-50-1	WI			1250		
dichlorobenzene, p-	106-46-7	AL	75				
	106-46-7	AZ			75	2/88	
	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	75		75		
	106-46-7	RI	75		2		
	106-46-7	VT	75				
	106-46-7	WI			75		
dichlorobenzidine, 3,3-	91-94-1	AZ			0.020		
	91-94-1	KS			0.21		
	91-94-1	MN			0.21		
	91-94-1	NH			0.02		
dichlorobromomethane, see bromodichloromethane							
dichlorodifluoromethane	75-71-8	AZ			1400		
	75-71-8	EPA			1000		
	75-71-8	KS			5600		
	75-71-8	ME			1600		
	75-71-8	MN			1400		
	75-71-8	RI			1400		
dichlorodiphenyltrichloroethane, 4,4-, see DDT							
dichloroethane, 1,1-	75-34-3	CA		5/90	5		
	75-34-3	EPA					2
	75-34-3	IL			1		
	75-34-3	MA			5		
	75-34-3	MN			810		
	75-34-3	NH			810		
	75-34-3	RI				1.91	
	75-34-3	VT			7		

1 Secondary action level based on aesthetics. Action level for sum of 1,2- and 1,3- dichlorobenzene is 130 ppb.
2 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
dichloroethane, 1,1- (cont.)	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	MA	5				
	107-06-2	ME			3.8		
	107-06-2	MN	5		3.8		
	107-06-2	NJ	2				
	107-06-2	RI	5		0.4		
	107-06-2	VT	5				
dichloroethylene, 1,1-	75-35-4	AL	7				
	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	MA	7				
	75-35-4	ME			7		
	75-35-4	MN			7		
	75-35-4	NJ	2				
	75-35-4	RI	7				
	75-35-4	VT			7		
dichloroethylene, cis-1,2-	156-59-2	CA		5/90	6		
	156-59-2	EPA		12/90	70		
	156-59-2	KS			70		
	156-59-2	ME			70		
	156-59-2	MN			70		
	156-59-2	NH			70		
	156-59-2	WI			100		
dichloroethylene, trans-1,2-	156-60-5	AZ			70		
	156-60-5	CA		5/90	10		
	156-60-5	EPA		12/90	70		
	156-60-5	KS			70		
	156-60-5	ME			70		
	156-60-5	MN			70		
	156-60-5	NH			100		
	156-60-5	RI			70		
	156-60-5	WI			100		
dichloroethylenes, 1,2-	540-59-0	AZ			70	2/88	
	540-59-0	MA			70		
	540-59-0	NJ	10				
	540-59-0	VT			70		
dichloromethane	75-09-2	AZ			4.7		
	75-09-2	CA			40		
	75-09-2	CT			25		
	75-09-2	EPA		6/91			1
	75-09-2	KS			50		
	75-09-2	MA			5		
	75-09-2	ME			48		
	75-09-2	MN			48		
	75-09-2	NH			5		
	75-09-2	NJ	2				
	75-09-2	RI			2		
	75-09-2	VT			5		
dichlorophenol, 2,4-	120-83-2	AZ			21		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
dichlorophenol, 2,4- (cont.)	120-83-2	KS			700		
	120-83-2	ME			200		
dichlorophenol, 2,6-	87-65-0	KS			0.2		
dichlorophenol, 3,4-	95-77-2	KS			0.3		
dichlorophenoxyacetic acid, 2,4-, see D, 2,4-							
dichloropropane, 1,2-	78-87-5	AZ			0.56		
	78-87-5	CA		5/90	5		
	78-87-5	CT			5		
	78-87-5	EPA		12/90			1
	78-87-5	KS			6		
	78-87-5	MA			1		
	78-87-5	ME			5		
	78-87-5	MN			5.6		
	78-87-5	NH			5		
	78-87-5	RI			0.6		
	78-87-5	VT	0.56				
dichloropropane, 1,3-	142-28-9	EPA		1/92			2
dichloropropane, 2,2-	594-20-7	EPA		1/92			2
dichloropropene, 1,1-	563-58-6	EPA		1/92			2
dichloropropene, 1,3-	542-75-6	CA	0.5				
	542-75-6	CT			10		
	542-75-6	EPA		1/92			1
	542-75-6	KS			2		
	542-75-6	MA			2		
	542-75-6	ME			2		
	542-75-6	MN			2		
	542-75-6	RI			80		
	542-75-6	VT	0.2				
dichloropropenes	26952-23-8	AZ			87	2/88	
dichloropropylene, 1,3-, see dichloropropene, 1,3-							
dicofol	115-32-2	AZ			0.08		
dieldrin	60-57-1	AZ			0.001		
	60-57-1	CA			0.05		3
	60-57-1	CT			0.02		
	60-57-1	EPA					1
	60-57-1	IL	1				
	60-57-1	KS			0.0219		
	60-57-1	ME			0.02		
	60-57-1	MN			0.02		
	60-57-1	NH			0.018		
	60-57-1	RI			0.002		
	60-57-1	VT	0.002				
diethylheryl phthalate, see bis(2-ethylhexyl)phthalate							
diethylphthalate	84-66-2	KS			350,000		
diisopropyl methylphosphonate (DIMP)	1445-75-6	CO		9/90			
	1445-75-6	EPA			600		
dimethoate	60-51-5	AZ			1.2		
	60-51-5	CA			140		
	60-51-5	RI			140		
	60-51-5	WI			200		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 No lifetime HA derived due to data deficiencies.
3 Established at limit of quantification.

REPORT 7
DETAILED STANDARDS AND GUIDELINES; BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
dimethrin	67239-16-1	EPA			2000		
	67239-16-1	ME			2100		
	67239-16-1	MN			2100		
	67239-16-1	RI			2100		
	67239-16-1	VT	2100				
dimethylphenol, 2,4-	105-67-9	CA			400	(400)	1
	105-67-9	KS			400		
dimethylphthalate	131-11-3	KS			313,000		
dinitro-o-cresol, 4,6-	534-52-1	KS			13.4		
dinitrophenol, 2,4-	51-28-5	AZ			14		
	51-28-5	KS			110		
	51-28-5	ME			31		
	51-28-5	MN			14		
dinitrotoluene, 2,4-	121-14-2	EPA		1/92		9/90	
	121-14-2	KS			1.1		
	121-14-2	MN			1.1		
	121-14-2	NH			0.11		
dinitrotoluene, 2,6-	606-20-2	KS			0.04		
dinoseb	88-85-7	AZ			3.5		
	88-85-7	CT				4/90	
	88-85-7	EPA		6/91	7		
	88-85-7	KS			3.5		
	88-85-7	MA			5		
	88-85-7	ME			2		
	88-85-7	MN			3.5		
	88-85-7	RI			7		
	88-85-7	VT	7				
	88-85-7	WI			13		
dioxane, p-	123-91-1	CT			20		
	123-91-1	EPA					2
	123-91-1	MA			50		
	123-91-1	ME			70		
	123-91-1	MN			70		
	123-91-1	RI			7		
	123-91-1	VT	7				
diphenamid	957-51-7	CA			40		
	957-51-7	EPA			200		
	957-51-7	ME			200		
	957-51-7	MN			200		
	957-51-7	RI			200		
	957-51-7	VT	200				
diphenylhydrazine, 1,2-	122-66-7	AZ			0.05		
	122-66-7	KS			0.45		
	122-66-7	MN			0.5		
	122-66-7	NH			0.05		
diquat	85-00-7	EPA		6/91			
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		
	298-04-4	RI			0.3		

1 Taste and odor threshold. Secondary action level based on aesthetics.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
disulfoton (cont.)	298-04-4	VT	0.30				
dithane, see mancozeb							
diuron	330-54-1	AZ			14		
	330-54-1	EPA			10		
	330-54-1	ME			14		
	330-54-1	MN			14		
	330-54-1	RI			14		
	330-54-1	VT	14				
dual, see metolachlor							
EDB, see ethylene dibromide							
endosulfan	115-29-7	AZ			74		
	115-29-7	RI				1/91	
endosulfan sulfate	1031-07-8	KS			74		
endosulfan, alpha-	959-98-8	KS			52.5		
endosulfan, beta-	33213-65-9	KS			52.5		
endothall	145-73-3	AZ			140		
	145-73-3	EPA		6/91	100		
	145-73-3	ME			140		
	145-73-3	MN			140		
	145-73-3	RI			140		
	145-73-3	VT	140				
endrin	72-20-8	AL	0.2				
	72-20-8	AZ	0.2		0.32		
	72-20-8	EPA	0.2	6/91	0.32		
	72-20-8	MA	0.2				
	72-20-8	ME			0.2		
	72-20-8	MN	0.2		0.3		
	72-20-8	RI	0.2				
	72-20-8	VT	0.32				
epichlorohydrin	106-89-8	AZ			3.5	2/88	
	106-89-8	EPA		12/90			1
	106-89-8	ME			35		
	106-89-8	MN			35		
	106-89-8	NH			0		
	106-89-8	RI			4		
	106-89-8	VT	0.28				
eptam, see EPTC							
EPTC	759-94-4	AZ			180		
	759-94-4	RI			50		
	759-94-4	WI			250		
ethion	563-12-2	CA			35		
	563-12-2	RI			35		
ethylbenzene	100-41-4	AZ			680	2/88	
	100-41-4	CA	680				
	100-41-4	EPA		12/90	680		
	100-41-4	IL			1		
	100-41-4	KS			680		
	100-41-4	MA			700		
	100-41-4	ME			700		
	100-41-4	MN			680		
	100-41-4	NH			700		
	100-41-4	RI			680		
	100-41-4	VT	680				

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
ethylbenzene (cont.)	100-41-4	WI			1360		
ethylene dibromide	106-93-4	AZ			0.0005		
	106-93-4	CA	0.02				
	106-93-4	CT	0.1			12/89	
	106-93-4	EPA		12/90			
	106-93-4	FL	0.02				
	106-93-4	MA			0.04		
	106-93-4	ME			0.005		
	106-93-4	MN			0.005		
	106-93-4	NH			0.05		
	106-93-4	RI			0.0005		
	106-93-4	VT	0.0005				
	106-93-4	WA			0.05		
	106-93-4	WI			0.05		
ethylene dichloride, see dichloroethane, 1,2-							
ethylene glycol	107-21-1	AZ			5500	2/88	
	107-21-1	CT			100		
	107-21-1	EPA			7000		
	107-21-1	MA			5500		
	107-21-1	ME			5500		
	107-21-1	MN			14,000		
	107-21-1	NH			7000		
	107-21-1	NJ		1990		290	
	107-21-1	RI			7000		
	107-21-1	VT	7				
ethylene thiourea	96-45-7	CT				4/90	
	96-45-7	EPA					
	96-45-7	ME			3		
	96-45-7	MN			2.4		
	96-45-7	RI			0.2		
	96-45-7	VT	0.25				
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			1.8		
	22224-92-6	RI			2		
	22224-92-6	VT	1.8				
fenvalerate	51630-58-1	AZ			180		
ferbam	14484-64-1	RI			25		
fluometron	2164-17-2	EPA			90		
	2164-17-2	ME			90		
	2164-17-2	MN			90		
	2164-17-2	RI			90		
	2164-17-2	VT	90				
fluoranthene	206-44-0	KS			0.029		
fluorene	86-73-7	KS			0.029		
fluoride	16984-48-8	AL	4000				
	16984-48-8	AZ	4000		4000		
	16984-48-8	EPA	4000		2000		
	16984-48-8	MA	4000				
	16984-48-8	ME			2400		
	16984-48-8	MN	4000				

1 Established at limit of quantification.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
fluoride (cont.)	16984-48-8	RI	4000		2000		1
	16984-48-8	VT	4000				
fluorotrichloromethane	75-69-4	AZ			2100		
	75-69-4	CA		5/90	150		
	75-69-4	EPA			2000		
	75-69-4	KS			8000		
	75-69-4	MD			8750		
	75-69-4	ME			2300		
	75-69-4	MN			2100		
	75-69-4	RI			3400		
	75-69-4	WI			3500		
fog oil, see hexachloroethane							
folpet	133-07-3	ME			0.32		
	133-07-3	RI			320		
fonofos	944-22-9	EPA			10		
	944-22-9	ME			14		
	944-22-9	MN			14		
	944-22-9	RI			14		
	944-22-9	VT	14				
formaldehyde	50-00-0	CA			30		
	50-00-0	EPA				9/90	
	50-00-0	MD			10		
	50-00-0	ME			30		
	50-00-0	NJ		1990		110	
fuel oil #2	68476-30-2	ME			50		
gasoline	8006-61-9	EPA				9/90	
	8006-61-9	ME			50		
glyphosate	1071-83-6	AZ			700		
	1071-83-6	CA		5/90	700		
	1071-83-6	EPA		6/91	700		
	1071-83-6	ME			700		
	1071-83-6	MN			700		
	1071-83-6	RI			700		
	1071-83-6	VT	700				
gross alpha activity	12578-46-1	AL	15pCi/L				
	12587-46-1	EPA	15pCi/L	1/91			
	12587-46-1	MA	15pCi/L				
gross beta (millirem/yr)	--	AL	4 mrem/y				
guthion	56-86-0	RI			25		
haloacetonitriles	--	EPA		1/92		9/90	
heptachlor	76-44-8	AZ			0.008		
	76-44-8	CA		5/90	0.01		
	76-44-8	EPA		12/90			2
	76-44-8	IL	0.1				
	76-44-8	KS			0.76		
	76-44-8	MA			0.2		
	76-44-8	ME			0.08		
	76-44-8	MN			0.08		
	76-44-8	NH			0.4		
	76-44-8	RI			0.08		
	76-44-8	VT	0.076				

1 Represents a secondary MCL (aesthetics-based standard).
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
heptachlor epoxide	1024-57-3	AZ			0.004		
	1024-57-3	CA		5/90	0.01		
	1024-57-3	EPA		12/90			1
	1024-57-3	IL	0.1				
	1024-57-3	KS			0.38		
	1024-57-3	MA			0.1		
	1024-57-3	ME			0.04		
	1024-57-3	MN			0.04		
	1024-57-3	NH			0.2		
	1024-57-3	RI			0.04		
	1024-57-3	VT	0.038				
hexachlorobenzene	118-74-1	AZ			0.02	2/88	
	118-74-1	EPA		1/92			1
	118-74-1	KS			0.2		
	118-74-1	ME			0.2		
	118-74-1	MN			0.2		
	118-74-1	NH			0.021		
	118-74-1	RI			0.02		
	118-74-1	VT	0.02				
hexachlorobutadiene	87-68-3	EPA		1/92	1		
	87-68-3	KS			4.5		
	87-68-3	MN			1.4		
hexachlorocyclohexane (alpha-)	319-84-6	CA			0.7		
	319-84-6	ME			7		
	319-84-6	MN			0.06		
	319-84-6	NH			0.013		
hexachlorocyclohexane (beta-)	319-85-7	CA			0.3		
	319-85-7	ME			2.4		
	319-85-7	MN			0.2		
hexachlorocyclohexane, technical	608-73-1	NH			0.018		
hexachlorocyclopentadiene	77-47-4	EPA		6/91			
	77-47-4	KS			206		
hexachlorocylcohexane (gamma-), see lindane							
hexachlorodibenzodioxin	34465-46-8	MN			6E-5		
	34465-46-8	NH			6E-6		
hexachloroethane	67-72-1	EPA				10/90	
	67-72-1	KS			1.9		
	67-72-1	MN			0.7		
hexachlorophene	70-30-4	ME			2		
hexane, n-	110-54-3	AZ			4000	2/88	
	110-54-3	EPA					1
	110-54-3	ME			4000		
	110-54-3	NJ		1990		33	
	110-54-3	RI			4000		
	110-54-3	VT	4000				
hexazinone	51235-04-2	EPA			200		
	51235-04-2	MN			210		
	51235-04-2	RI			210		
	51235-04-2	VT	210				
HMX	2691-41-0	EPA			400		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
hydroquinone	123-31-9	MD			10		
hypochlorite ion	14380-61-1	EPA		1/92			
indeno(1,2,3,-c,d)pyrene	193-39-5	KS			0.029		
iodide	20461-54-5	ME			340		
iron	7439-89-6	IL	1000				1
	7439-89-6	KS			300		
	7439-89-6	MD			300		
	7439-89-6	RI	300				2
isophorone	78-59-1	EPA		1/92		9/90	
	78-59-1	KS			5200		
isopropanol	67-63-0	MD			3000		
isopropylbenzene	98-82-8	EPA					3
ketones, see chlorinated ketones							
lasso, see alachlor							
lead	7439-92-1	AL	20				
	7439-92-1	AZ	50		20		
	7439-92-1	EPA	50	4/90	50		
	7439-92-1	MA	50				
	7439-92-1	ME			20		
	7439-92-1	MN	50		20		
	7439-92-1	RI	50		5		
	7439-92-1	VT	20				
lindane	58-89-9	AL	4				
	58-89-9	AZ	4		0.2		
	58-89-9	EPA	4	12/90	0.2		
	58-89-9	MA	4				
	58-89-9	ME			0.2		
	58-89-9	MN	4		0.3		4
	58-89-9	RI	4		0.03		
	58-89-9	VT	0.2				
malathion	121-75-7	AZ			140		
	121-75-7	CA			160		
	121-75-7	EPA				9/90	
	121-75-7	KS			140		
	121-75-7	ME			40		
	121-75-7	RI			100		
maleic hydrazide	123-33-1	EPA			4000		
	123-33-1	ME			3500		
	123-33-1	MN			3500		
	123-33-1	RI			3500		
	123-33-1	VT	3500				
mancozeb	8018-01-7	AZ			21		
	8018-01-7	RI			2		
maneb	12427-38-2	AZ			35		
	12427-38-2	ME			10		
	12427-38-2	RI			10		
	12427-38-2	VT	35				

1 Only for communities serving less than or 1,000 persons or less than 300 service connections.
2 Represents a secondary MCL (aesthetics-based standard).
3 No lifetime HA derived due to data deficiencies.
4 Standards listed are current, enforceable MCL's.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
manganese	7439-96-5	CT			5000		
	7439-96-5	EPA		1/92			
	7439-96-5	IL	150				1
	7439-96-5	KS			50		
	7439-96-5	MD			50		
	7439-96-5	RI	50				2
	7439-96-5	VT	50				
MCPA	94-74-6	EPA			10		
	94-74-6	ME			2.5		
	94-74-6	MN			3.6		
	94-74-6	RI			4		
	94-74-6	VT	3.6				
MCPP	93-65-2	VT	7				
mercury	7439-97-6	AL	2				
	7439-97-6	AZ	2		3		
	7439-97-6	EPA	2	12/90	1.1		
	7439-97-6	MA	2				
	7439-97-6	ME			2		
	7439-97-6	MN	2		1.1		
	7439-97-6	RI	2		1		
	7439-97-6	VT	2				
methomyl	16752-77-5	AZ			180		
	16752-77-5	EPA			200		
	16752-77-5	ME			50		
	16752-77-5	MN			175		
	16752-77-5	RI			180		
	16752-77-5	VT	175				
methoxychlor	72-43-5	AL	100				
	72-43-5	AZ	100		340	2/88	
	72-43-5	CA	0.01				
	72-43-5	EPA	100	12/90	340		
	72-43-5	MA	100				
	72-43-5	ME			100		
	72-43-5	MN	100		340		
	72-43-5	RI	100				
	72-43-5	VT	340				
methyl ethyl ketone	78-93-3	AZ			170	2/88	
	78-93-3	CT			1000		
	78-93-3	EPA			170		
	78-93-3	MA			350		
	78-93-3	ME			170		
	78-93-3	MN			170		
	78-93-3	NH			170		
	78-93-3	NJ		1990		270	
	78-93-3	RI			170		
	78-93-3	VT	170				
methyl isobutyl ketone	108-10-1	MA			350		
	108-10-1	MN			350		
	108-10-1	RI			40		
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	KS			1.7		

1 Only for communities serving less than or 1,000 persons or less than or 300 service connections.
2 Represents a secondary MCL (aesthetics-based standard)

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
methyl parathion (cont.)	298-00-0	ME			2		
	298-00-0	MN			2		
	298-00-0	RI			2		
	298-00-0	VT	2				
methyl-t-butyl ether (MTBE)	1634-04-4	CT			100		
	1634-04-4	EPA				9/90	
	1634-04-4	MA			50		
	1634-04-4	ME			50		
	1634-04-4	NH			200		
	1634-04-4	RI			50		
	1634-04-4	VT	40				
methylcyclohexane	108-87-2	VT			28,600		
methylene blue active substances	--	VT	500				
methylene chloride, see dichloromethane							
metolachlor	51218-45-2	CT				4/90	
	51218-45-2	EPA			100		
	51218-45-2	IL					
	51218-45-2	KS			105		
	51218-45-2	MA			8		
	51218-45-2	ME			100		
	51218-45-2	MN			10		
	51218-45-2	RI			10		
	51218-45-2	VT	340				
	51218-45-2	WI			15		
metribuzin	21087-64-9	EPA			200		
	21087-64-9	IL			1		
	21087-64-9	KS			175		
	21087-64-9	ME			175		
	21087-64-9	MN			175		
	21087-64-9	RI			180		
	21087-64-9	VT	175				
	21087-64-9	WI			250		
molybdenum	7439-98-7	AZ			70		
	7439-98-7	EPA		1/92		9/90	
monochlorobenzene	108-90-7	AZ			60	2/88	
	108-90-7	CA	30				
	108-90-7	EPA		12/90	300		
	108-90-7	KS			60		
	108-90-7	MA			100		
	108-90-7	ME			47		
	108-90-7	MN			300		
	108-90-7	NH			100		
	108-90-7	NJ	2				
	108-90-7	RI			100		
	108-90-7	VT			100		
	108-90-7	WI			600		
n-propyl benzene	103-65-1	EPA					1
naphthalene	91-20-3	EPA			300		
	91-20-3	KS			143		
nickel	7440-02-0	AZ			150		
	7440-02-0	EPA		6/91	150		
	7440-02-0	KS			150		
	7440-02-0	ME			150		
	7440-02-0	MN			150		

1 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
nickel (cont.)	7440-02-0	NH			150		
	7440-02-0	RI			150		
	7440-02-0	VT	350				
nitrate	14797-55-8	AL	10,000				
	14797-55-8	EPA	10,000	12/90	10,000		
	14797-55-8	MA	10,000				
	14797-55-8	ME			10,000		
	14797-55-8	MN	10,000				
	14797-55-8	RI	10,000				
	14797-55-8	VT	10,000				
nitrite	14797-65-0	EPA		12/90	1000		
	14797-65-0	KS			1000		
	14797-65-0	ME			1000		
	14797-65-0	MN			1000		
	14797-65-0	NH			1000		
	14797-65-0	RI			1000		
	14797-65-0	VT	1000				
nitrobenzene	98-95-3	AZ			3.5		
	98-95-3	KS			5		
	98-95-3	ME			1.4		
nitrocellulose (non-toxic)	9004-70-0	EPA				10/90	
nitrogen (total)	7727-37-9	AZ	10,000		10,000		
	7727-37-9	RI			10,000		
nitroguanidine	556-88-7	EPA				10/90	
nitrophenol	seq:55	ME			83		
nitrophenol, 2-	88-75-5	KS			290		
nitrophenol, 4-	100-02-7	KS			290		
nitrosodimethylamine, n-	62-75-9	KS			0.0014		
	62-75-9	MN			0.007		
nitrosodiphenylamine, n-	86-30-6	KS			71		
	86-30-6	MN			70		
nitrosopyrrolidine, n-	930-55-2	AZ			0.02		
ordram (molinate)	2212-67-1	CA	20				
oxamyl	23135-22-0	AZ			180		
	23135-22-0	EPA		6/91	175		
	23135-22-0	MA			50		
	23135-22-0	ME			175		
	23135-22-0	MN			175		
	23135-22-0	NH			175		
	23135-22-0	RI			180		
	23135-22-0	VT	175				
ozone	10028-15-6	EPA		1/92			
PAH's	seq:6	EPA		6/91			
	seq:6	ME			25		
	seq:6	MN			0.028		
paraquat	1910-42-5	AZ			3		
	1910-42-5	EPA			30		
	1910-42-5	ME			30		

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
paraquat (cont.)	1910-42-5	MN			3		
	1910-42-5	RI			3		
	1910-42-5	VT	3				
parathion	56-38-2	AZ			30		
	56-38-2	CA			30		
	56-38-2	KS			30		
	56-38-2	ME			8.6		
PCB's	1336-36-3	AZ			0.008		
	1336-36-3	CT			1		
	1336-36-3	EPA		12/90		9/90	
	1336-36-3	KS			0.05		
	1336-36-3	MA			0.5		
	1336-36-3	ME			0.05		
	1336-36-3	MN			0.05		
	1336-36-3	NH			5 E-3		
	1336-36-3	NJ	0.5				
	1336-36-3	NY			1		
	1336-36-3	RI			0.5		
	1336-36-3	VT	0.008				
PCB's (total noncarcinogenic)	--	MN			0.28		
PCNB	82-68-8	CA			0.9		
	82-68-8	ME			71		
	82-68-8	RI				1/91	
pendimethalin	40487-42-1	AZ			280		
pentachlorobenzene	608-93-5	AZ			6		
pentachloroethane	76-01-7	EPA					1
pentachloronitrobenzene, see PCNB							
pentachlorophenol	87-86-5	AZ			220	2/88	
	87-86-5	CA			30		
	87-86-5	EPA		12/90	220		
	87-86-5	KS			220		
	87-86-5	ME			6		
	87-86-5	MN			220		
	87-86-5	RI			200		
	87-86-5	VT	220				
phenanthrene	85-01-8	KS			0.029		
phenol	108-95-2	CA			5		2
	108-95-2	EPA				9/90	
	108-95-2	KS			300		
	108-95-2	MN			280		
	108-95-2	NH			280		
phorate	298-02-2	ME			0.2		
	298-02-2	RI			0.2		
phthalates	seq:31	EPA		6/91			
picloram	1918-02-1	AZ			49		
	1918-02-1	EPA		6/91	500		
	1918-02-1	KS			490		
	1918-02-1	ME			300		
	1918-02-1	MN			490		
	1918-02-1	RI			490		

1 No lifetime HA derived due to data deficiencies.
2 Taste and odor threshold. Secondary action level based on aesthetics.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	No
picloram (cont.)	1918-02-1	VT	490				
polychlorinated biphenyls, see PCB's							
potassium carbonate	584-08-7	MD			70		
principal organic contaminant	--	NY	5	1/89			
prometon	1610-18-0	EPA			100		
	1610-18-0	ME			100		
	1610-18-0	MN			100		
	1610-18-0	RI			100		
	1610-18-0	VT	100				
pronamide	23950-58-5	AZ			52		
	23950-58-5	EPA			50		
	23950-58-5	ME			52		
	23950-58-5	MN			52		
	23950-58-5	RI			52		
	23950-58-5	VT	52				
propachlor	1918-16-7	EPA			90		
	1918-16-7	KS			93		
	1918-16-7	ME			92		
	1918-16-7	MN			92		
	1918-16-7	RI			92		
	1918-16-7	VT	92				
propanil	709-98-8	ME			40		
propargite	2312-35-8	AZ			160		
propazine	139-40-2	EPA			10		
	139-40-2	KS			117		
	139-40-2	ME			14		
	139-40-2	MN			14		
	139-40-2	RI			14		
	139-40-2	VT	14				
propham	122-42-9	AZ			52		
	122-42-9	EPA			100		
	122-42-9	ME			120		
	122-42-9	MN			120		
	122-42-9	RI			120		
	122-42-9	VT	120				
pyrene	129-00-0	KS			0.029		
radium 226/228	13982-63-3	AL	5 pCi/L				
	13982-63-3	EPA	5 pCi/L	4/91			
	13982-63-3	MA	5 pCi/L				
	13982-63-3	RI	5 pCi/L				
radon	10043-92-2	MA			10,000 pCi/L		
	10043-92-2	RI				1/91	
resorcinol	108-46-3	ME			140		
rotenone	83-79-4	ME			4		
	83-79-4	RI			4		
selenium	7782-49-2	AL	10				
	7782-49-2	AZ	10		45		
	7782-49-2	EPA	10	12/90			
	7782-49-2	MA	10				
	7782-49-2	ME			10		

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
selenium (cont.)	7782-49-2	MN	10		45		
	7782-49-2	RI	10				
	7782-49-2	VT	10				
sencor, see metribuzin							
silver	7440-22-4	AL	50				
	7440-22-4	AZ	50		50		
	7440-22-4	EPA	50	1/92		9/90	
	7440-22-4	MA	50				
	7440-22-4	ME			50		
	7440-22-4	MN	50				
	7440-22-4	RI	50				
	7440-22-4	VT	50				
silvex, see TP, 2,4,5-							
simazine	122-34-9	AZ			35		
	122-34-9	CA	10				
	122-34-9	CT				4/90	
	122-34-9	EPA		6/91	1		
	122-34-9	ME			4		
	122-34-9	MN			35		
	122-34-9	RI			35		
	122-34-9	VT	35				
	122-34-9	WI			2150		
sodium	7440-23-5	EPA				9/90	
	7440-23-5	KS			100,000		
	7440-23-5	MA	20,000				
	7440-23-5	RI			20		
sodium bisulfite	7631-90-5	MD			70		
sodium bromide	7647-15-6	MD			250		
sodium sulfate	7757-82-6	MD			210		
sodium sulfite	7757-83-7	MD			100		
strobane	8001-35-2	AZ			0.03		
strontium	7440-24-6	EPA		1/91		9/90	
	7440-24-6	ME			2400		
strontium 90 (pCi/L)	10098-97-2	AL	8				
styrene	100-42-5	AZ			140	2/88	
	100-42-5	EPA		12/90			1
	100-42-5	MA			5		
	100-42-5	ME			5		
	100-42-5	MN			0.1		
	100-42-5	NH			5 or 100		2
	100-42-5	RI			5		
	100-42-5	VT	5				
	100-42-5	WI			5		
sulfate	14808-79-8	EPA		6/91			
	14808-79-8	KS			250,000		
	14808-79-8	RI	250,000				3
	14808-79-8	UT	1E+6		2.5E+5		
	14808-79-8	VT	250,000				
T, 2,4,5-	93-76-5	EPA		1/92	70		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 Depending on B2 or C classification
3 Represents a secondary MCL (aesthetics-based standard).

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)
-T, 2,4,5- (cont.)	93-76-5	KS			35	
	93-76-5	ME			70	
	93-76-5	MN			21	
	93-76-5	RI			21	
	93-76-5	VT	21			
TBN (total base neutrals noted)	--	KS			10	
TCDD, 2,3,7,8-	1746-01-6	EPA		6/91		
	1746-01-6	KS			2.2E-6	
	1746-01-6	ME			2.2E-6	
	1746-01-6	MN			2E-6	
	1746-01-6	NH			2E-7	
	1746-01-6	RI			2E-7	
	1746-01-6	VT	2.2E-7			
TDS	--	UT	2E-6		5E-5	
tebuthiuron	34014-18-1	AZ			35	
	34014-18-1	EPA			500	
	34014-18-1	ME			35	
	34014-18-1	MN			35	
	34014-18-1	RI			350	
	34014-18-1	VT	35			
terbacil	5902-51-2	EPA			90	
	5902-51-2	ME			90	
	5902-51-2	MN			90	
	5902-51-2	RI			90	
	5902-51-2	VT	90			
terbufos	13071-79-9	EPA			0.9	
	13071-79-9	ME			0.18	
	13071-79-9	MN			0.2	
	13071-79-9	RI			0.2	
	13071-79-9	VT	0.18			
terrachlor, see PCNB						
tetrachlorobenzene, 1,2,4,5-	95-94-3	AZ			2	
tetrachlorodibenzo-p-dioxin, 2,3,7,8-, see TCDD, 2,3,7,8-						
tetrachloroethane, 1,1,1,2-	630-20-6	EPA		1/92	70	
	630-20-6	RI			2	
tetrachloroethane, 1,1,2,2-	79-34-5	AZ			0.17	
	79-34-5	CA	1			
	79-34-5	EPA				
	79-34-5	KS			1.7	
	79-34-5	MN			2	
	79-34-5	RI			2	
	79-34-5	VT			0.7	
tetrachloroethylene	127-18-4	AZ			0.67	
	127-18-4	CA	5			
	127-18-4	CT			5	
	127-18-4	EPA		12/90	10	
	127-18-4	FL	3			
	127-18-4	KS			7	
	127-18-4	MA			5	
	127-18-4	ME			3	
	127-18-4	MN			6.6	
	127-18-4	NH			1	
	127-18-4	NJ	1			

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
2 No lifetime HA derived due to data deficiencies.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
tetrachloroethylene (cont.)	127-18-4	RI			0.7		
	127-18-4	VT			7		
	127-18-4	WI			5		
tetrachloromethane, see carbon tetrachloride							
tetrachlorophenol, 2,3,4,6-	58-90-2	KS			263		
tetrahydrofuran	109-99-9	MN			154		
	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		6/91		9/90	
	7440-28-0	KS			13		
thiobencarb	28249-77-6	CA	70				
thiophanate methyl	23564-05-8	VT	560				
thiram	137-26-8	ME			10		
	137-26-8	RI			10		
toluene	108-88-3	AZ			2000	2/88	
	108-88-3	CA			100		
	108-88-3	CT			1000		
	108-88-3	EPA		12/90	2420		
	108-88-3	KS			2000		
	108-88-3	MA			2000		
	108-88-3	MN			2420		
	108-88-3	NH			2000		
	108-88-3	RI			2000		
	108-88-3	VT			2420		
	108-88-3	WI			343		
total dissolved solids	--	VT	500,000				
total principal and unspecific organic contam.	--	NY	100				
toxaphene	8001-35-2	AL	5				
	8001-35-2	AZ	5		0.03		
	8001-35-2	EPA	5	12/90			1
	8001-35-2	MA	5				
	8001-35-2	ME			0.3		
	8001-35-2	MN	5		0.3		
	8001-35-2	RI	5		0.03		
	8001-35-2	VT	0.031				
TP, 2,4,5- (Silvex)	93-72-1	AL	10				
	93-72-1	AZ	10		52		
	93-72-1	EPA	10	12/90	52		
	93-72-1	MA	10				
	93-72-1	ME			1		
	93-72-1	MN	10		52		
	93-72-1	RI	10				
	93-72-1	VT	10				
trans-dichloroethylene, see dichloroethylene, trans-1,2-							
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	CA		5/90	1200		
	76-13-1	WI			5500		
trichlorobenzene, 1,2,4-	120-82-1	AZ			140		
	120-82-1	EPA			9		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	N
trichlorobenzene, 1,2,4- (cont.)	120-82-1	KS			13		
	120-82-1	NJ	8				
trichlorobenzene, 1,3,5-	108-70-3	EPA					
trichlorobenzenes	--	EPA		6/91	-		
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	MA	200				
	71-55-6	ME			200		
	71-55-6	MN	200		200		
	71-55-6	NJ	26				
	71-55-6	RI	200				
	71-55-6	VT	200				
trichloroethane, 1,1,2-	79-00-5	AZ			0.61		
	79-00-5	CA	32				
	79-00-5	EPA		6/91	3		
	79-00-5	MA			30		
	79-00-5	MN			14		
	79-00-5	RI			1		
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				1
	79-01-6	FL	3				
	79-01-6	MA	5				
	79-01-6	ME			5		
	79-01-6	MN			31		
	79-01-6	NH			2.8		
	79-01-6	NJ	1				
	79-01-6	RI	5		3		
	79-01-6	VT	5				
trichlorofluoromethane (Freon 11), see fluorotrichlorome							
trichlorophenol, 2,4,5-	95-95-4	AZ			700		
	95-95-4	KS			1		
trichlorophenol, 2,4,6-	88-06-2	AZ			1.8		
	88-06-2	KS			17		
	88-06-2	ME			700		
	88-06-2	MN			18		
	88-06-2	NH			1.87		
trichlorophenoxyacetic acid, 2,4,5-, see T, 2,4,5-							
trichlorophenoxypropionic acid, 2,4,5-, see TP, 2,4,5-							
trichloropropane, 1,2,3-	96-18-4	AZ			42		
	96-18-4	EPA		1/92		9/88	
trichlorotrifluoroethane, 1,1,2-	76-13-1	MN			210,000		
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			2		
	1582-09-8	RI			2		

1 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical Name	CAS #	Agency	Standards Current (ug/L)	Standards Future (Date)	Guidelines Current (ug/L)	Guidelines Future (Date)	Note
trifluralin (cont.)	1582-09-8	VT	1.7				
trihalomethanes (total)	seq:28	AL	100				
	seq:28	AZ	100		0.19		
	seq:28	EPA	100	1/92			
	seq:28	MA	100				
	seq:28	ME			100		
	seq:28	MN	100				
	seq:28	NH			0.5		
	seq:28	RI	100				
	seq:28	VT	100				
trimethylbenzene, 1,2,4-	95-63-6	EPA			40		
trimethylbenzene, 1,3,5-	108-67-8	EPA					1
trinitroglycerol	55-63-0	EPA			5		
trinitrophenol	88-89-1	ME			57		
trinitrotoluene, 2,4,6-	118-96-7	EPA			2		
trithion	786-19-6	CA			7		
tritium (pCi/L)	10028-17-8	AL	20,000				
TVOC (total volatile organics)	--	KS			100		
unspecified organic contaminant	--	NY	50				
uranium (picocuries/liter)	7440-61-1	AZ			35	2/88	
	7440-61-1	CA	20		30		
	7440-61-1	MA			10		
vanadium	7440-62-2	AZ			7		
	7440-62-2	EPA		1/92		9/90	
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				2
	75-01-4	FL	1				
	75-01-4	KS			2		
	75-01-4	MA	2				
	75-01-4	ME			0.15		
	75-01-4	MN	2		0.15		
	75-01-4	NJ	2				
	75-01-4	RI	2		0.02		
	75-01-4	VT	2				
vinylidene chloride, see dichloroethylene, 1,1-							
white phosphorus	12185-10-3	EPA				10/90	
xylene, 1,2-	95-47-6	CA	1750				3
xylene, 1,3-	108-38-3	CA	1750				3
xylene, 1,4-	106-42-3	CA	1750				3
xylenes	1330-20-7	AZ			440	2/88	
	1330-20-7	EPA		12/90	400		

1 No lifetime HA derived due to data deficiencies.
2 No lifetime HA derived due to carcinogenic properties or other factors, see HA document.
3 Action level for sum of xylene isomers is 620 ppb.

REPORT 7
DETAILED STANDARDS AND GUIDELINES, BY CHEMICAL

Chemical			Standards		Guidelines		
Name	CAS #	Agency	Current (ug/L)	Future (Date)	Current (ug/L)	Future (Date)	N
xylenes (cont.)	1330-20-7	KS			440		
	1330-20-7	MA			1000		
	1330-20-7	ME			400		
	1330-20-7	MN			400		
	1330-20-7	NH			10,000		
	1330-20-7	NJ	44				
	1330-20-7	RI			400		
	1330-20-7	VT	400				
	1330-20-7	WI			620		
zinc	7440-66-6	AZ	5000		5000		
	7440-66-6	EPA		1/92		9/90	
	7440-66-6	KS			5000		
	7440-66-6	RI	5000				1
	7440-66-6	VT	5000				
zinc chloride	7646-85-7	EPA				10/90	
zineb	12122-67-6	AZ			350		
	12122-67-7	VT	350				
ziram (and Ferbam)	137-30-4	ME			25		

1 Represents a secondary MCL (aesthetics-based standard).

REPORT 8
NEW STANDARDS, BY STATE

State	Chemical For Which Standard Needed/Desired	CAS #	Reason or Basis
CA	bromodichloromethane	75-27-4	Prevalence in drinking water/health hazard. (Chemical found in Table 1 or 2)
	bromoform	75-25-2	Prevalence in drinking water/health hazard. (Chemical found in Table 1 or 2)
	chloroform	67-66-3	Prevalence in drinking water/health hazard. (Chemical found in Table 1 or 2)
	dibromochloromethane	124-48-1	Prevalence in drinking water/health hazard. (Chemical found in Table 1 or 2)
CO	aldrin	309-00-2	Groundwater contaminant.
	allyl chloride	107-05-1	Groundwater contaminant.
	azodrin	6923-22-4	Groundwater contaminant.
	benzothiazole	95-16-9	Groundwater contaminant.
	bicycloheptadiene	121-46-0	Groundwater contaminant.
	chlorophenylmethylsulfide	123-09-1	Groundwater contaminant.
	chlorophenylmethylsulfone	98-57-7	Groundwater contaminant.
	chlorophenylmethylsulfoxide	934-73-6	Groundwater contaminant.
	cyclohexanol	108-93-0	Groundwater contaminant.
	cyclohexanone	108-94-1	Groundwater contaminant.
	di-isopropylmethylphosphonate	1445-75-6	Groundwater contaminant.
	dicycloheptadiene	121-46-0	Groundwater contaminant.
	dicyclopentadiene	77-73-6	Groundwater contaminant.
	dimethyldisulfide	624-92-0	Groundwater contaminant.
	dimethylmethylphosphonate	756-79-6	Groundwater contaminant.
	dimethylnitrosamine	62-75-9	Groundwater contaminant.
	ethylbenzene	100-41-4	Groundwater contaminant. (Chemical found in Table 1 or 2)
	isodrin	465-73-6	Groundwater contaminant.
	malathion	121-75-5	Groundwater contaminant.
	methyl isobutyl ketone	105-44-2	Groundwater contaminant.
	monomethyl hydrazine	60-34-4	Groundwater contaminant.
	oxathiene, 1,4-	6538-93-8	Groundwater contaminant.
	parathion	56-38-2	Groundwater contaminant.
	plutonium	7440-07-5	Groundwater contaminant.
	unsymmetrical dimethylhydrazine	57-14-7	Groundwater contaminant.
CT	ethylene thiourea (ETU)	96-45-7	Used in Connecticut. (Chemical found in Table 1 or 2)
	fluoridone (Sonar)	38827-66-6	Used in Connecticut.
	fuel oil #2	68476-30-2	Common contaminant in Connecticut.
	methyl-t-butyl ether (MTBE)	1634-04-4	Found in fuel oil and gasoline situations, up to several thousand ug/l. (Chemical found in Table 1 or 2)
	naphthalene	91-20-3	Found in Connecticut.
	phenols	108-95-2	Found at concentrations around 50 ppb.
	tetrahydrofuran	109-99-9	Found at several hundred ppb levels.
	trimethyl benzene, 1,2,4-	95-63-6	Found in Connecticut.
	tungsten	7440-33-7	Found in water in Connecticut, where tungsten mining has occurred.
ID	bromine	7726-95-6	
	chlorine	7782-50-5	(Chemical found in Table 1 or 2)
	cyanide, free and total	57-12-5	(Chemical found in Table 1 or 2)
	dacthal	1861-32-1	
	iodine	7553-56-2	
IL	alachlor	15972-60-8	Has been detected in the water supplies. (Chemical found in Table 1 or 2)
	chlorate	14866-68-3	Increased use of chlorine dioxide. (Chemical found in Table 1 or 2)
	chlorine dioxide	10049-04-4	Increased use. (Chemical found in Table 1 or 2)
	chlorite	14998-27-7	Increased use of chlorine dioxide. (Chemical found in Table 1 or 2)
	cyanazine	21725-46-2	Used in Illinois. (Chemical found in Table 1 or 2)
	dichloroethane, 1,1-	75-34-3	Has been detected in the water supplies. (Chemical found in Table 1 or 2)
	dichloropropene, 1,3-	542-75-6	Occasionally detected. (Chemical found in Table 1 or 2)
	dual, see metolachlor		
	lasso, see alachlor		
	metolachlor	51218-45-2	Has been detected in the water supplies. (Chemical found in Table 1 or 2)
	metolachlor	51218-45-2	Used in Illinois - occasionally detected. (Chemical found in Table 1

REPORT 8
NEW STANDARDS, BY STATE

State	Chemical For Which Standard Needed/Desired	CAS #	Reason or Basis
			or 2)
	metribuzin	21087-64-9	Used in Illinois - occasionally detected. (Chemical found in Tab or 2)
	sencor	21087-64-9	Has been detected in the water supplies.
	T, 2,4,5-	93-76-5	Have monitoring data. (Chemical found in Table 1 or 2)
	tetrachloroethane, 1,1,2,2-	79-34-5	Occasionally detected. (Chemical found in Table 1 or 2)
	trifluralin	1582-09-8	Used in Illinois - occasionally detected. (Chemical found in Tab or 2)
IA	alachlor	15972-60-8	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited. (Chemical found in Table 1 or 2)
	cyanazine	21725-46-2	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited. (Chemical found in Table 1 or 2)
	dual, see metolachlor		
	furadan	1563-66-2	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited.
	lasso, see alachlor		
	metolachlor	51218-45-2	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited. (Chemical found in Table 1 or 2)
	sencor	21087-64-9	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited.
	sutan	2008-41-5	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited.
	treflan	1582-09-8	Many of our special monitoring studies indicate these compounds periodically found in drinking water supplies. Current informat regarding toxicity is limited.
LA	aluminum	7429-90-5	Utility usage. (Chemical found in Table 1 or 2)
	chloramines	--	Utility (JP) has 35-40 years of data. (Chemical found in Table 1 2)
ME	ethylene thiourea (ETU)	96-45-7	It is highly toxic; it is a breakdown product and metabolite of widely used pesticides (maneb and mancozeb). (Chemical found in 1 or 2)
	gasoline	8006-61-9	Most serious groundwater problem in state due to leaking undergr storage tanks.
	methamidophos	10265-92-6	Most prevelant pesticide detected in pesticide ground water surv
	methyl-t-butyl ether (MTBE)	1634-04-4	It is a highly mobile constituent in gasoline. Concentration in ground water can be quite high. (Chemical found in Table 1 or 2)
MD	acetone	67-64-1	Is a ubiquitous contaminant in residential drinking water suppli contaminated by VOC's.
	bromodichloromethane	75-27-4	(Chemical found in Table 1 or 2)
	bromoform	75-25-2	(Chemical found in Table 1 or 2)
	chloroform	67-66-3	(Chemical found in Table 1 or 2)
	dibromochloromethane	124-48-1	(Chemical found in Table 1 or 2)
	ethylene oxide	75-21-8	Is a contaminant of ion-exchange resins for home water treatment Recent OEP monitoring data have demonstrated levels at 350-1000p
	formaldehyde	50-00-0	Information regarding toxicity in drinking water is limited.
	tetrahydrofuran	109-99-9	Has been detected in residential wells and is thought to be a contaminant of the well drilling process.
MA	aluminum	7429-90-5	Found in water supplies. (Chemical found in Table 1 or 2)
	endosulfan	115-29-7	Found in water supplies.
	ethylbenzene	100-41-4	Often found in water supplies. (Chemical found in Table 1 or 2)
	methyl isobutyl ketone	108-10-1	Often found in water supplies.
	methyl-t-butyl ether (MTBE)	1634-04-4	Often found in water supplies. (Chemical found in Table 1 or 2)
	tetrahydrofuran	109-99-9	Often found in water supplies.
MN	cumene	98-82-8	Compounds we frequently see in ground and drinking water surveys

REPORT 8
NEW STANDARDS, BY STATE

State	Chemical For Which Standard Needed/Desired	CAS #	Reason or Basis
	dichlorodifluoromethane	75-71-8	Compounds we frequently see in ground and drinking water surveys.
	dichloroethane, 1,1-	75-34-3	Compounds we frequently see in ground and drinking water surveys. (Chemical found in Table 1 or 2)
	fluorotrichloromethane	75-69-4	Compounds we frequently see in ground and drinking water surveys.
	methyl isobutyl ketone	108-10-1	Compounds we frequently see in ground and drinking water surveys.
	tetrahydrofuran	109-99-9	Compounds we frequently see in ground and drinking water surveys.
	trichlorofluoromethane, see fluorotrichloromethane		
	trichlorotrifluoroethane, 1,1,2-	76-13-1	Compounds we frequently see in ground and drinking water surveys.
MO	alachlor	15972-60-8	Detected in several lakes and streams in the state. (Chemical found in Table 1 or 2)
	aluminum	7429-90-5	Possible toxicity (new study). (Chemical found in Table 1 or 2)
	atrazine	1912-24-9	Detected in several lakes and streams in the state. (Chemical found in Table 1 or 2)
	bromoform	75-25-2	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	chloroform	67-66-3	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	dichloroethane, 1,1-	75-34-3	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	dinitrotoluene, 2,4-	121-14-4	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	metolachlor	51218-45-2	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	metribuzin	21087-64-9	Detected in Missouri water system. (Chemical found in Table 1 or 2)
	ozone by-products	--	Possible toxicity. (Chemical found in Table 1 or 2)
	trifluralin	1582-09-8	Detected in Missouri water system. (Chemical found in Table 1 or 2)
NH	acetone	67-64-1	Detected 311 times (6/1/86-9/15/87) with highest concentration of greater than 20,000 ppb.
	camphor	76-22-2	Frequently detected in private water supplies, often in combination with other solvents such as MEK or acetone. Insufficient oral toxicity information.
	chloroform	67-66-3	Often detected in contaminated private wells, not always as the result of chlorination for disinfection.
	cyanazine	21725-46-2	Currently used in NH, potential to leach from soil. Has been detected in groundwater in other states. (Chemical found in Table 1 or 2)
	cyclohexane	110-82-7	Detected several times in various private water supplies. Information on oral toxicity is insufficient to determine a drinking water criterion for this contaminant.
	dichloroethane, 1,1-	75-34-3	Detected frequently in groundwater supplies. (Chemical found in Table 1 or 2)
	diethyl ether	60-29-7	Detected 231 times (6/1/86-9/15/87) with highest concentration of greater than 10,000 ppb.
	methyl ethyl ketone	78-93-3	Frequently detected in private water supplies, often in combination with other solvents such as acetone or THF.
	methyl isobutyl ketone	108-10-1	Frequently detected in private water supplies.
	methyl-t-butyl ether (MTBE)	1634-04-4	Detected frequently in contaminated private wells, especially with other petroleum-related chemicals. (Chemical found in Table 1 or 2)
	metolachlor	51218-45-2	Currently used in NH, potential to leach from soil. Has been detected in groundwater in other states. (Chemical found in Table 1 or 2)
	tetrahydrofuran	109-99-9	detected 298 times (6/1/86 - 9/15/87) with the highest concentration above 100,000 ppb.
	trichloromethane, see chloroform		
	trifluralin	1582-09-8	Currently being used in NH, potential to leach from soil. Has been detected in other states. (Chemical found in Table 1 or 2)
NJ	bromodichloromethane	75-27-4	Detected in 90 out of 420 potable water samples. (Chemical found in Table 1or 2)
	bromoform	75-25-2	Detected in 18 our ot 420 potable water samples. (Chemical found in Table 1 or 2)
	chloroform	67-66-3	Detected in 115 out of 156 potable water samples. (Chemical found in Table 1 or 2)
	cyanazine	21725-46-2	25,000 pounds used annually in state; found in groundwaters of other states (Chemical found in Table 1 or 2)
	dibromochloromethane	124-48-1	Detected in 70 of 420 NJ potable samples. (Chemical found in Table 1 or 2)
	dicamba	1918-00-9	3000 pounds used annually in state; found in groundwaters of other states. (Chemical found in Table 1 or 2)
	dichloroethane, 1,1-	75-34-3	Detected in 16 out of 420 potable water samples. (Chemical found in Table 1 or 2)

REPORT 8
NEW STANDARDS, BY STATE

State	Chemical For Which Standard Needed/Desired	CAS #	Reason or Basis
	dichloropropane, 2,2-	78-87-5	Detected in 2 of 420 NJ potable samples. (Chemical found in Table or 2)
	ethylene thiourea (ETU)	96-45-7	130,000 pounds (parent compounds) used annually is state. (Chemic found in Table 1 or 2)
	methomyl	16752-77-5	Detected in 4 of 51 wells; 45,000 pounds used annually in state.
	methyl-t-butyl ether (MTBE)	1634-04-4	Common occurrence, indicative of fuel oil contamination. (Chemica found in Table 1 or 2)
	metolachlor	51218-45-2	Detected in 2 of 49 wells. Found in groundwater in other states. 74,000 pounds used annually in state. (Chemical found in Table 1 2)
	metribuzin	21087-64-9	Detected in 2 of 80 wells. Found in groundwater in other states. 2,000 pounds used annually in state. (Chemical found in Table 1 o
	ozone by-products	--	200 mgd plant currently uses ozonation. At least 6 others conside the use of ozone. (Chemical found in Table 1 or 2)
	prometon	1610-18-0	Detected in 4 of 80 wells. Used for total vegetation control.
	trifluralin	1582-09-8	5,000 pounds used annually in state; found in groundwaters in oth states. (Chemical found in Table 1 or 2)
NM	cobalt	7440-48-4	We have levels up to 2.3 ppm in ground water.
	cryptosporidium	--	We have had H20 borne outbreaks. (Chemical found in Table 1 or 2)
	dichloroethane, 1,1-	75-34-3	Common ground water contaminant. (Chemical found in Table 1 or 2)
	dinitrotoluene, 2,4-	121-14-2	We have levels in ground water up to 2 ppb. (Chemical found in Tab 1 or 2)
	ethylbenzene	100-41-4	Common ground water contaminant. (Chemical found in Table 1 or 2)
	formaldehyde	50-00-0	We have levels in ground water up to 200 ppm.
	iodine	7553-56-2	We have thousands of people on iodinators.
	methyl-t-butyl ether (MTBE)	1634-04-4	Common groundwater contaminant. (Chemical found in Table 1 or 2)
	monomethyl naphthalenes	--	Common ground water contaminants.
	naphthalene	91-20-3	Common ground water contaminants.
	nitrobenzene	98-95-3	We have levels in ground water up to 6ppb.
RI	aluminum	7429-90-5	Toxicity. (Chemical found in Table 1 or 2)
	ammonia	7664-41-7	Toxicity, monitoring data. (Chemical found in Table 1 or 2)
	bromodichloromethane	75-27-4	Monitoring data, chemical specificity. (Chemical found in Table 1 2)
	bromoform	75-25-2	Monitoring data, chemical specificity. (Chemical found in Table 1 2)
	chlorine	7782-50-5	Toxicity, monitoring data. (Chemical found in Table 1 or 2)
	chlorine dioxide	10049-04-4	Toxicity, monitoring data. (Chemical found in Table 1 or 2)
	chlorite	14998-27-7	Toxicity, monitoring data. Chemical found in Table 1 or 2)
	chloroethane	75-00-3	Monitoring data. (Chemical found in Table 1 or 2)
	chloroform	67-66-3	Toxicity. (Chemical found in Table 1 or 2)
	chloromethane	74-87-3	Monitoring data. (Chemical found in Table 1 or 2)
	chlorothalonil	1897-45-6	Toxicity.
	chlorpyrifos (Dursban)	2921-88-2	Toxicity, use frequency.
	cyanazine	21725-46-2	Toxicity, monitoring data. (Chemical found in Table 1 or 2)
	di-(2-ethylhexyl) phthalate	117-81-7	Toxicity.
	di-n-butyl phthalate	84-74-2	Toxicity.
	dibromochloromethane	124-48-1	Monitoring data, chemical specificity. (Chemical found in Table 1 2)
	dicamba	1918-00-9	Toxicity. (Chemical found in Table 1 or 2)
	dichlorodifluoromethane	75-71-8	Monitoring data.
	dichloroethane, 1,1-	75-34-3	Monitoring data. (Chemical found in Table 1 or 2)
	dieldrin	60-57-1	Toxicity
	ethylene thiourea (ETU)	96-45-7	Toxicity. (Chemical found in Table 1 or 2)
	hexachlorobenzene	118-74-1	Toxicity
	hexane, n	110-54-3	Toxicity
	kepone	143-50-0	Toxicity, monitoring data.
	metolachlor	51218-45-2	Toxicity. (Chemical found in Table 1 or 2)
	metribuzin	21087-64-9	Monitoring data. (Chemical found in Table 1 or 2)
	ozone by-products	--	Toxicity. (Chemical found in Table 1 or 2)
	sodium	7440-23-5	Toxicity. (Chemical found in Table 1 or 2)
	strontium	7440-24-6	Toxicity. (Chemical found in Table 1 or 2)
	T, 2,4,5-	93-76-5	Toxicity. (Chemical found in Table 1 or 2)
	tetrachloroethane, 1,1,1,2-	630-20-6	Toxicity, monitoring data. (Chemical found in Table 1 or 2)
	tetrachloroethane, 1,1,2,2-	79-34-5	Toxicity, monitoring data. (Chemical found in Table 1 or 2)

REPORT 8
NEW STANDARDS, BY STATE

State	Chemical For Which Standard Needed/Desired	CAS #	Reason or Basis
SD	cyanazine	21725-46-2	Found in soil samples at spill sites. (Chemical found in Table 1 or 2)
	dicamba	1918-00-9	Found in soil samples at spill sites. (Chemical found in Table 1 or 2)
	metribuzin	21087-64-9	Found in water, at low concentrations, at spill sites. (Chemical found in Table 1 or 2)
	treflan	1582-09-8	Has been found in soil samples at spill sites, not yet found in water
TN	cresol, m-	108-39-4	
	cresol, o-	95-48-7	
	cresol, p-	106-44-5	
	dichloroethane, 1,1-	75-34-3	Detected in Tenn. PWS. (Chemical found in Table 1 or 2)
	dichloroethylene trans, 1,2-	540-59-0	(Chemical found in Table 1 or 2)
	dihalogenated organics	--	Such as bromochloromethane, 3,4-dichlorobenzofluoride.
	dioxane	123-91-1	
	phenols	108-95-2	
	toluidine isomers	26915-12-8	
TX	acetone	67-64-1	Found during VOC monitoring.
	freons	seq:9	Found in VOC monitoring
	methyl ethyl ether	--	Found during VOC monitoring.
	methyl ethyl ketone	78-93-3	Found during VOC monitoring.
	methyl isobutyl ketone	108-10-1	Found in VOC monitoring.
	tetrahydrofuran	109-99-9	Found during VOC monitoring
UT	ethylbenzene	100-41-4	Showing up in areas with gasoline contamination. (Chemical found in Table 1 or 2)
WA	aldicarb sulfone	1646-88-4	Leachable metabolite/vulnerable area use. (Chemical found in Table 1 or 2)
	aldicarb sulfoxide	1646-87-3	Leachable metabolite/vulnerable area use. (Chemical found in Table 1 or 2)
	carboxin	5234-68-4	Leachable/use on irrigated wheat.
	chloroform	67-66-3	Ubiquitous chemical. (Chemical found in Table 1 or 2)
	dicamba	1918-00-9	Leachable/wide use/vulnerable area use. (Chemical found in Table 1 or 2)
	disulfoton	298-04-4	Leachable/wide use/vulnerable area use/highly toxic.
	diuron	330-54-1	Leachable/vulnerable area use.
	gasoline	8006-61-9	Also components of gasoline, such as the butyl benzenes and the trimethyl benzenes. Numerous incidences of contamination from LUST's.
	hexachlorobenzene	118-74-1	Leachable/contaminant of PCNB/carcinogen/vulnerable area use.
	methomyl	16752-77-5	Leachable/highly toxic/wide use/vulnerable area use.
	tebuthiuron	122-57-6	Leachable/vulnerable area use.
WI	cyanazine	21725-46-2	Found in drinking water. (Chemical found in Table 1 or 2)
	dicamba	1918-00-9	Found in drinking water. (Chemical found in Table 1 or 2)
	dichloroethane, 1,1-	75-34-3	Found in drinking water. (Chemical found in Table 1 or 2)
	metolachlor	51218-45-2	Found in drinking water. (Chemical found in Table 1 or 2)
	metribuzin	21087-64-9	Found in drinking water. (Chemical found in Table 1 or 2)

REPORT 9
NEW STANDARDS, SUMMARY

Chemical	State(s) Recommending Development of Standard	No. of States
acetone	MD, NH, TX	3
alachlor	IA, IL, MO	3
aldicarb sulfone	WA	1
aldicarb sulfoxide	WA	1
aldrin	CO	1
allyl chloride	CO	1
aluminum	LA, MA, MO, RI	4
ammonia	RI	1
atrazine	MO	1
azodrin	CO	1
benzothiazole	CO	1
bicycloheptadiene	CO	1
bromine	ID	1
bromodichloromethane	CA, MD, NJ, RI	4
bromoform	CA, MD, MO, NJ, RI	5
camphor	NH	1
carboxin	WA	1
chloramines	LA	1
chlorate	IL	1
chlorine	ID, RI	2
chlorine dioxide	IL, RI	2
chlorite	IL, RI	2
chloroethane	RI	1
chloroform	CA, MD, MO, NH, NJ, RI, WA	7
chloromethane	RI	1
chlorophenylmethylsulfide	CO	1
chlorophenylmethylsulfone	CO	1
chlorophenylmethylsulfoxide	CO	1
chlorothalonil	RI	1
chlorotoluene, o-	GA	1
chlorotoluene, p-	GA	1
chlorpyrifos (Dursban)	RI	1
cobalt	NM	1
cresol, m-	TN	1
cresol, o-	TN	1
cresol, p-	TN	1
cryptosporidium	GA, NM	2
cumene	MN	1
cyanazine	IA, IL, NH, NJ, RI, SD, WI	7
cyanide, free and total	ID	1
cyanogen chloride	GA	1
cyclohexane	NH	1
cyclohexanol	CO	1
cyclohexanone	CO	1
dacthal	ID	1
di-(2-ethylhexyl) phthalate	RI	1
di-isopropylmethylphosphonate	CO	1
di-n-butyl phthalate	RI	1
dibromochloromethane	CA, MD, NJ, RI	4
dicamba	NJ, RI, SD, WA, WI	5
dichlorodifluoromethane	MN, RI	2
dichloroethane, 1,1-	IL, MN, MO, NH, NJ, NM, RI, TN, WI	9
dichloroethylene trans, 1,2-	TN	1
dichloropropane, 2,2-	NJ	1

REPORT 9
NEW STANDARDS, SUMMARY

Chemical	State(s) Recommending Development of Standard	No. of States
dichloropropene, 1,3-	IL	1
dicycloheptadiene	CO	1
dicyclopentadiene	CO	1
dieldrin	RI	1
diethyl ether	NH	1
dihalogenated organics	TN	1
dimethyldisulfide	CO	1
dimethylmethylphosphonate	CO	1
dimethylnitrosamine	CO	1
dinitrotoluene, 2,4-	GA, MO, NM	3
dioxane	TN	1
disulfoton	WA	1
diuron	WA	1
dual, see metolachlor		
endosulfan	MA	1
ethylbenzene	CO, MA, NM, UT	4
ethylene oxide	MD	1
ethylene thiourea (ETU)	CT, ME, NJ, RI	4
fluoridone (Sonar)	CT	1
fluorotrichloromethane	MN	1
formaldehyde	MD, NM	2
freons	TX	1
fuel oil #2	CT	1
furadan	IA	1
gasoline	ME, WA	2
hexachlorobenzene	RI, WA	2
hexane, n	RI	1
iodine	ID, NM	2
isodrin	CO	1
kepone	RI	1
lasso, see alachlor		
malathion	CO	1
methamidophos	ME	1
methomyl	NJ, WA	2
methyl ethyl ether	TX	1
methyl ethyl ketone	NH, TX	2
methyl isobutyl ketone	CO, MA, MN, NH, TX	5
methyl-t-butyl ether (MTBE)	CT, MA, ME, NH, NJ, NM	6
metolachlor	IA, IL, IL, MO, NH, NJ, RI, WI	8
metribuzin	IL, MO, NJ, RI, SD, WI	6
monomethyl hydrazine	CO	1
monomethyl naphthalenes	NM	1
naphthalene	CT, NM	2
nitrobenzene	NM	1
oxathiene, 1,4-	CO	1
ozone by-products	MD, NJ, RI	3
parathion	CO	1
phenols	CT, TN	2
plutonium	CO	1
prometon	NJ	1
sencor	IA, IL	2
sodium	GA, RI	2
strontium	RI	1
sutan	IA	1

REPORT 9
NEW STANDARDS, SUMMARY

Chemical	State(s) Recommending Development of Standard	No. of States
T, 2,4,5-	GA, IL, RI	3
tebuthiuron	WA	1
tetrachloroethane, 1,1,1,2-	GA, RI	2
tetrachloroethane, 1,1,2,2-	GA, IL, RI	3
tetrahydrofuran	CT, MA, MD, MN, NH, TX	6
toluidine isomers	TN	1
treflan	IA, SD	2
trichlorofluoromethane, see fluorotrichloromethane		
trichloromethane, see chloroform		
trichlorotrifluoroethane, 1,1,2-	MN	1
trifluralin	IL, MO, NH, NJ	4
trimethyl benzene, 1,2,4-	CT	1
tungsten	CT	1
unsymmetrical dimethylhydrazine	CO	1