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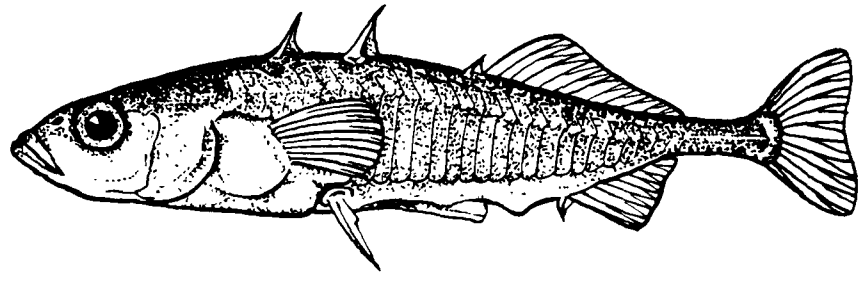
Fish Toxicity Screening Data

Part 1: Lethal Effects of 964 Chemicals Upon Steelhead Trout and Bridgelip Sucker

Part 2: Lethal Effects of 2,014 Chemicals Upon Sockeye Salmon, Steelhead Trout and Threespine Stickleback



PART 1. Lethal Effects of 964 Chemicals upon Steelhead Trout and Bridgelip Sucker

PART 2. Lethal Effects of 2,014 Chemicals upon Sockeye Salmon, Steelhead Trout and Threespine Stickleback

Craig MacPhee and Fred F. Cheng, 1974

Department of Wildlife and Fishery Resources
College of Forestry, Wildlife, and Range Sciences
University of Idaho
Moscow, ID

With a Preface by
Robert L. Lipnick
Office of Toxic Substances
U.S. Environmental Protection Agency
Washington, DC

ABSTRACT

Craig MacPhee and Fred F. Cheng, 1974
Robert L. Lipnick, 1989

Bridgelip sucker (Catastomus columbianus) and steelhead trout (Salmo gairdneri) were screened with 964 toxicants; threespine stickleback (Gasterosteus aculeatus), sockeye salmon (Oncorhynchus nerka), and steelhead were screened with 2,014 toxicants. Two salmonids were tested together for each chemical either with two suckers or two sticklebacks in 24-h static bioassays. The times at which the fish lost equilibrium and died are noted. A review is provided on additional sources of fish toxicity screening tests and how these data have been used in the development of quantitative structure-activity relationships.

PREFACE

Robert L. Lipnick

Office of Toxic Substances
U.S. Environmental Protection Agency
Washington, DC 20460

This report consists of two fish toxicity screening studies by MacPhee and Cheng completed in the mid-1970s at the University of Idaho, but not published at that time. These data, on the effect of over 2,000 organic chemicals to a variety of fish species, should prove of enormous value to scientists in academia, government and industry interested in the potential hazards posed by the release of chemicals into the environment. Although these studies were undertaken for an entirely different purpose, the data can be used to great advantage in estimating the potential aquatic toxicity of industrial organic chemicals for which no other test data are available.

The application of such screening methods for evaluating the toxicity of organic chemicals to fish can be traced to 1953 to the work of Wood (1953) at the U.S. Fish and Wildlife Service's Laboratory in Kearneysville, WV. Wood tested 3,400 chemicals obtained from a total of 67 contributors for their toxicity to trout (Salmo trutta), bluegill sunfish (Lepomis macrochirus), yellow perch (Perca flavescens), and goldfish (Carassius auratus). Wood's investigations were continued in the same laboratory and resulted in the screening of an additional 1,085 chemicals using the same fish species and experimental protocols (Hollis and Lennon

1954).

Several years later, most of these chemicals were transferred to Applegate and co-workers at the U.S. Fish and Wildlife Service Laboratory in Hammond Bay, Michigan, for use in a screening program to develop an agent selectively toxic to the sea lamprey (Petromyzon marinus) that had invaded the Great Lakes (Applegate et al., 1957). Tests were also made on rainbow trout (Salmo gairdneri), and bluegill sunfish (Lepomis macrochirus). This original group of chemicals was then transferred in the early 1960s to the Bureau of Commercial Fisheries Biological Laboratory in Galveston, Texas, where they were tested for toxicity to the "red tide" one-celled plankter Gymnodinium breve (Marvin and Proctor, 1964).

Finally, in 1962 they were sent to MacPhee at the Forest, Wildlife, and Range Experimental Station at the University of Idaho and were used in the search for an agent selective to the northern squawfish (Ptychocheilus oregonensis). MacPhee and his collaborator Ruelle (1969) also tested the chemicals for toxicity to chinook salmon (Oncorhynchus tshawytscha), coho salmon (Oncorhynchus kisutch), and steelhead (Salmo gairdneri). Many of the chemicals used in the two studies published in this report belong to the original collection assembled at Kearneysville. Therefore, even though the results of a single screening test are limited in being able to define the exact biological activity of a compound, the availability of data on a large number of different species and of tests at more than one concentration increases

considerably their value when taken together. The studies by MacPhee and Cheng (1975 and 1976) on sockeye salmon (Oncorhynchus nerka), steelhead (Salmo gairdnerii), threespine stickleback (Gasterosteus aculeatus), and bridgelip sucker (Catastomus columbianus) were performed using many of the same chemicals as employed in the earlier screening studies. As a result, some chemicals from the original Wood collection have been tested with as many as 13 different species of fish.

Screening data from the prior studies have been valuable to EPA in the assessment of potential risk posed by the release of new industrial chemicals into aquatic environments. Under section 5 of the Toxic Substances Control Act (TSCA 1976), EPA is responsible for assessing the potential adverse effects of new chemicals if released into the environment. While structure-activity relationships and quantitative structure-activity relationships have been applied successfully for some time in the design of new drugs, it is only recently that they have been proven valuable in the estimation of the potential toxicity of new industrial chemicals to fish (Lipnick 1985).

With the encouragement of James H. Gilford, Chief, Environmental Effects Branch, Office of Toxic Substances, we began using fish toxicity screening data in our program by comparing the screening results for 55 alcohols containing no additional heteroatom functional groups (Lipnick et al. 1985) with the predictions of a baseline narcosis mechanism QSAR model as reported by Konemann

Figure 66.

Sea lamprey
(Petromyzon marinus)

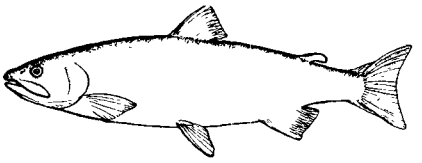


Figure 122

Sockeye salmon
(Oncorhynchus nerka)

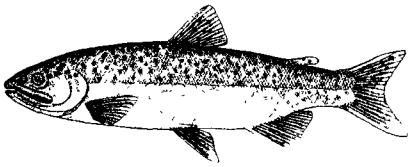


Figure 124

Coho salmon
(Oncorhynchus kisutch)

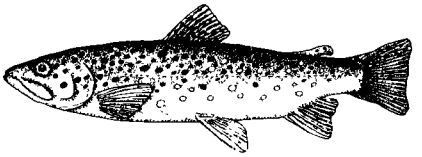


Figure 127.

Brown trout
(Salmo trutta)

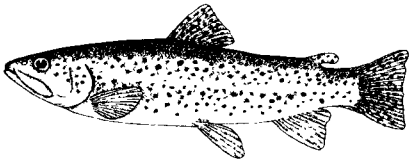


Figure 129.

Rainbow trout
(Salmo gairdneri)

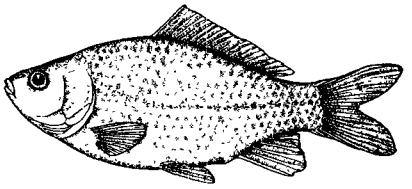


Figure 173.

Goldfish
(Carassius auratus)

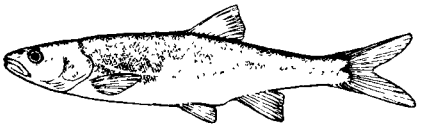


Figure 237

Northern squawfish
(Ptychocheilus oregonensis)

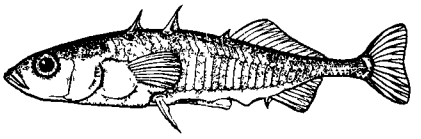


Figure 485.

Threespine stickleback
(Gasterosteus aculeatus)

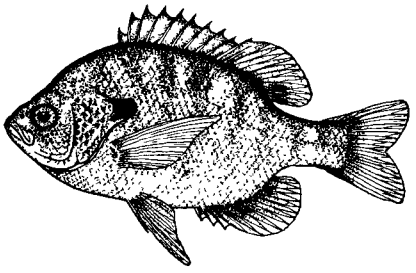


Figure 538

Bluegill
(Lepomis macrochirus)

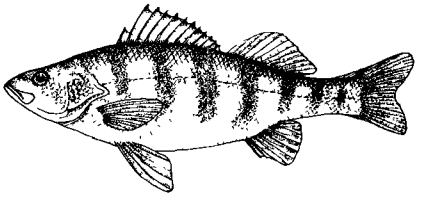


Figure 545.

Yellow perch
(Perca flavescens)

Test organisms studied in screening tests. From Samuel Eddy and James C. Underhill, HOW TO KNOW THE FRESHWATER FISHES, 3rd ed.

(1981) in the Netherlands,

$$\log (1/LC50) = 0.871 \log P - 4.87$$

where the LC50 is in micromoles per liter, and P is the n-octanol/water partition coefficient. Certain acetylenic alcohols were found to show toxicity in screening tests at concentrations much lower than predicted by this model, and this behavior was ascribed to a special "proelectrophile" mechanism by the fish. The special behavior of these alcohols was subsequently substantiated in the form of LC50 tests (Veith et al. 1989). These screening data have been used in QSAR studies for phenols, (Lipnick et al. 1985) anilines,(Newsome et al. 1987) alcohol/ethers, (Johnson et al. 1987) and esters (Johnson et al. 1988).

Data from the Applegate study have been added to the AQUIRE data base developed by the EPA Environmental Research Laboratory, Duluth, MN. AQUIRE currently resides as a component on the Chemical Information System (CIS), where the data can be searched by chemical structure. This can also provide a means of locating chemicals of interest common to those chemicals and the ones in these two new studies. In addition, the reader may find it helpful to consult an index in the original report of Wood for the same reason.

ACKNOWLEDGMENTS

We wish to express our appreciation to Norval Netsch, Director,

Division of Sport Fish, Department of Fish and Game, State of Alaska, for his encouragement in publishing these data in the form of an EPA Report.

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PART 1: LETHAL EFFECTS OF 964 CHEMICALS UPON STEELHEAD TROUT AND BRIDGELIP SUCKER

Special Project with the Forest, Wildlife,
and Range Experiment Station
University of Idaho
Moscow, ID

Project Period
October 30, 1973 to August 27, 1974

PART 2: LETHAL EFFECTS OF 2,014 CHEMICALS UPON SOCKEYE SALMON, STEELHEAD TROUT, AND THREESPINE STICKLEBACK

Special Services Contract with the State of Alaska
Department of Fish and Game
Division of Sport Fish and Division of Fish Rehabilitation and Enhancement

Project Period
August 1, 1974 to June 30, 1975

Craig MacPhee[1] and Fred F. Cheng[2]

Department of Wildlife and Fishery Resources
College of Forestry, Wildlife and Range Sciences
University of Idaho
Moscow, ID

[1]Current address: South 3845 Boothe Park Road, Coeur D'Alene, ID 83814.

[2]Current address: 1460 Dell Drive, Montery Park, CA 91754.

I. INTRODUCTION

This report examines the tolerance of the bridgelip sucker (Catastomus columbianus), and steelhead (Salmo gairdneri), an anadromous subspecies of rainbow trout, to 964 chemicals and the tolerance of the threespine stickleback (Gasterosteus aculeatus), sockeye salmon (Oncorhynchus nerka), and steelhead to 2,014 chemicals in 24-h static bioassays.

These two screening programs determined toxicants that are selectively lethal to the sucker (Cheng and MacPhee 1983)* and stickleback (MacPhee and Cheng 1980)**, and harmless to trout and salmon. The data presented in this paper resulted as a byproduct of the search for toxicants selective for these target coarse fishes. These data supplement and extend information on the biological activity of piscicides studied in chemical screening programs with the sea lamprey, Petromyzon marinus (Applegate et al. 1957) and the northern squawfish, Ptychocheilus oregonensis (MacPhee and Ruelle 1969a).**

II. METHODS

The preliminary screening of candidate chemicals was conducted

*Special Project with the Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, ID.
**Special Services Contract with the Division of Sport Fish and the Division of Fish Rehabilitation and Enhancement, Department of Fish and Game, State of Alaska.

in the Fish Bioassay Laboratory in the Small Animal Building at the University of Idaho. The laboratory contains a set of four deep vats for holding fish and a set of four watertables for holding bioassay aquaria (MacPhee and Ruelle 1969b). The vats and tables were insulated and independently temperature-controlled. For purposes of acclimation and screening, all temperatures were set at 15 ± 1 °C and fish were acclimated at least 60 h before testing.

About 20 years elapsed between the lamprey and stickleback preliminary screening programs. Because of this and the possibility of decomposition and contamination of chemicals, we tested only those chemicals which showed no visible deterioration.

Chemicals were dissolved in minimal amounts of water, ethanol, or in a few cases, acetone before application. The concentrations conformed roughly with the biological activity of the toxicants. Concentrations of the 964 chemicals tested in the sucker screening program ranged from 0.4 to 10 mg/L; concentrations of the 2,014 chemicals tested in the stickleback program ranged from 0.5 to 30 mg/L. The most common of the concentrations used in testing was 10 mg/L, and only a few chemicals were tested at concentrations less than 1 mg/L or greater than 10 mg/L. The 2,014 chemicals tested with stickleback included most of the 964 chemicals tested in the sucker study.

Standard bioassay techniques were used in sorting fish and

conducting tests. For the sucker bioassays each aquarium received two suckers and two steelheads; for the stickleback bioassays, two sticklebacks and two salmonids (mostly two steelheads or one steelhead and one sockeye depending on the species available). For the sucker screening study, the load ranged from 0.6-4.0 g and for the stickleback 0.7-2.9 g of fish per liter of water.

Fish were confined in the bioassay aquaria for about a 2-day period. The first day allowed time for the fish to digest food that might have been eaten in the acclimating vats prior to their transfer and time for fish to recover from stress due to handling. The second day allowed time to conduct 24-h bioassays. The 2-day schedule permitted about 40 candidate chemicals to be screened per day or a maximum of about 200 chemicals per 5 1/2-day week.

Observers recorded the time when aliquots were added to aquaria and noted any changes in the state of the test fish at approximately 1-, 2-, 3-, 4-, 6-, 8-, 12-, 16-, and 24-h intervals.

The Alaska Fish and Game Department air freighted 20-78 mm stickleback and 53-94 mm sockeye from southeast Alaska. The Dworshak Fish Hatchery (U.S. Fish and Wildlife Service), ID, provided 33-117 mm steelhead for the screening programs. Small hand seines captured 45-102 mm suckers in local drainages.

Except for the first 207 sucker bioassays which used water

transported from the Clearwater River in northern Idaho, the bioassays utilized water from an artesian well of the University of Idaho. The chemical characteristics of the Clearwater River were as follows: total hardness, 0-17 mg/L; methyl orange alkalinity, 14 mg/L; pH 7.6 (MacPhee and Ruelle 1969a). The chemical characteristics of the artesian well water ranged as follows: total hardness, 67-120 mg/L; methyl orange alkalinity, 151-183 mg/L; total dissolved solids, 160-175 mg/L; pH 7.1.

III. RESULTS

The results are compiled in Tables 1 and 2 at the end of this Report. The tables list the elapsed time in hours in which the pathological status of a fish obviously changed during the sucker and stickleback screening programs. The column heading "E" represents the time until that fish lost equilibrium, and the column heading "D" represents the time until death. The lower limit of the range of hours given under the headings "E" and "D" indicates the time that the last observation was made before loss of equilibrium or death, and the upper limit indicates the time that loss of equilibrium or death was noted. The average of the lower and upper limits gives the closest approximation of the time that the toxic effect to the fish actually occurred. A dash represents fish which neither lost equilibrium nor died within the 24-h test duration. The absence of a dash signifies that no fish was tested.

IV. DISCUSSION

Due to the small numbers of fish tested, difficulties arise in trying to compare the biological activity of a maximum of 964 chemicals common to the lamprey, squawfish, sucker, and stickleback screening programs. What the tests lack quantitatively in small sample size is somewhat remedied by the variety of species tested (eight different species representing six families). Moreover, the activity of a toxicant could vary with concentration, fish species, water temperature, water quality, and a number of biological factors related to the history and health of the test fish. The effects of biological factors on test fish are difficult to diagnose and analyze in 24-h tests.

For the highest concentration screened, 364 of 964 chemicals proved harmless to sucker and steelhead (Table 1) and 911 of 2,014 chemicals proved harmless to stickleback and steelhead and/or sockeye (Table 2). Thus, a large proportion of the bioassays required higher concentrations of chemical than those employed to affect the test fish. With some exceptions, screening at higher concentrations was not done because the first test run revealed chemicals remarkably selective to sucker and stickleback and because delineation of the biological activities of these selective chemicals required the use of all of the bioassay facilities.

Inspection of the tables shows that not all species were equally affected by specific chemicals. One can expect this as many species exhibit different degrees of tolerance to poisons such as antimycin (Burress 1969), rotenone (Wyatt and Zeller 1965) and squoxin (1,1-methylenedi-2-naphthol) (MacPhee and Cheng, 1974).

The metabolic rate of poikilotherms varies directly with temperature. Generally a rise in temperature increases the biological activity of a chemical. The 12.8 °C water temperature of the lamprey bioassays compares favorably with the generally lower temperatures of the squawfish bioassays which mostly ranged from 10 to 13 °C. The lamprey and squawfish water temperatures compare less favorably with the 15 °C temperature of the sucker and stickleback bioassays.

The biological activity of a chemical can also vary with water quality. For example, stickleback exposed to sodium azide survived longer in artesian well water than in river water and in water containing both azide and one or more equivalent weights of calcium (MacPhee and Cheng 1980). The addition of calcium to squoxin in delineating bioassays also prolonged the life of squawfish (MacPhee and Cheng 1974). The extent that artesian water might have affected the biological activity of the many chemicals screened in the sucker and stickleback bioassays is unknown.

As all aquaria contained 5 L of water, the bioassay loads varied with the weight of test fish. Suckers were generally larger than sticklebacks resulting in a greater maximum load for sucker bioassys than for the stickleback. In addition, the bioassay loads tended to increase with seasonal increases in the size of available juvenile salmonids. Although a load larger than 1.0 g/L is not considered desirable for delineating bioassays, preliminary screening within the 0.6-4.0 g/L load range did not appear to mask the identification of selective compounds and probably did not unduly distort the activity of the chemicals.

V. CONCLUSION

The data obtained from the sucker and steelhead screening programs should serve only as a guide to the actual biological activity of a specific chemical. Confirmation of results for specific chemicals requires detailed delineating bioassays.

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Table 1. The loss-of-equilibrium (E) and death intervals (D) in hours of bridgelip sucker and steelhead trout subjected to small concentrations of fish toxicants.

Rept. No.	Chemical	Conc. mg/l	Steelhead				Sucker			
			E		D		E		D	
1	Acetamide, N-benzyl-N-[(p-benzyloxy) phenyl]-	3	-	0-2	0-2	5-6	0-2	3-4	-	-
2	2-(2,4-dichlorophenoxy)-	3	11-20	-	-	-	-	-	-	11-20
3	di-(p-chlorophenyl)-	2	8-9	10-11	11-21	11-21	11-21	11-21	-	-
4	α,α,dimethylphenyl-	3	-	-	-	-	-	-	-	-
5	α-metcapto-α-2-benzothiazyl-	10	3-4	3-4	7-8	11-21	0-2	9-10	6-7	11-21
6	N-(2-methylallyl)-N-(1-naphthyl)-	10	3-4	3-4	4-5	8-9	3-4	-	-	-
7	N-methyl phenyl-	2	-	-	-	-	-	-	-	-
8	N-(1-nitro-2-naphthyl)-	5	0-2	0-2	5-6	7-8	3-4	8-9	9-10	11-21
9	N,N'-(p-phenylene) bis [N-2-methyl-allyl]-	0.5	-	-	-	-	-	-	-	-
10	Acetanilide,	10	-	-	-	-	-	-	-	-
11	4'-chloro-N-(2-methylallyl)-	2	-	-	-	-	-	-	-	-
12	2,4'-dichloro-	10	9-10	-	11-21	11-21	-	-	11-21	11-21
13	4'-thiocyano-	5	0-2	0-2	2-3	2-3	2-3	3-4	3-4	-
14	Acetic acid, allylidene ester	5	-	-	0-2	2-3	4-5	-	4-5	6-7
15	ethyl dibromo-ester	5	-	-	0-2	0-2	0-2	3-4	2-3	4-5
16	p-propylphenyl ester	10	9-10	9-10	11-21	11-21	4-5	-	-	-
17	(ethylenediamine) tetra- disodium salt	10	-	-	-	-	-	-	-	-
18	bis(4-chlorophenyl)- ester with β,β,β-trichlorolactonitrile	5	-	-	-	-	-	-	-	-
19	x-bromo-2-(1-methylheptyl) phenoxy- ester with 2-bromo-4-tert-butyl-6-nitrophenol	0.5	-	-	-	-	2-3	-	11-21	-
20	chloro- methyl ester	10	-	-	11-21	11-21	-	-	11-21	-
21	pentachlorophenyl ester	1	-	-	0-2	0-2	0-2	-	0-2	2-3
22	2,4-dichlorophenox-	10	-	-	-	-	-	-	-	-
23	3,4-dihydroxyphenyl-	10	-	-	-	-	-	-	-	-
24	1,3-dioxo-2-isoindoline-	10	-	-	-	-	-	-	-	-
25	indole-3-	10	-	-	-	-	-	-	-	-
26	iodo-	10	-	-	-	-	-	-	-	-
27	isobornyl thiocyano- ester ("THANISOL 85")	2	-	-	0-2	0-2	0-2	0-2	2-3	2-3
28	2-methyl-4,6-dinitrophenyl ester	3	-	-	0-2	0-2	-	-	0-2	0-2
29	β-naphthoxy-	10	-	-	-	-	3-4	-	-	-
30	5-nitro-2-furfuryl iodo- ester	1	-	-	2-3	2-3	-	-	2-3	2-3
31	phenylmercuric- ester	2	-	-	0-2	0-2	-	-	0-2	0-2

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
32	phenylmercuric ("PMAS" 10% water soln.)	0.5	-	-	-	-	-	-	11-21	11-21
33	Acetone, (2-cyclopenten-1-yl)-	4	-	-	-	-	-	-	-	-
34	Acetone cyanohydrin	2	-	-	0-2	0-2	-	-	0-2	0-2
35	Acetonitrile, bis(4-chlorophenyl)-	5	-	-	-	-	-	-	-	-
36	p-chloroanilino-	1	-	-	-	-	-	-	11-21	-
37	diethylamino- -methyl-	1	-	-	0-2	0-2	0-2	3-4	4-5	4-5
38	dodecylamino- -methyl-	5	2-3	-	3-4	3-4	6-7	-	-	-
39	ethoxyethylamino- -methyl-	2	0-2	-	2-3	2-3	2-3	-	3-4	3-4
40	Acetophenone, p-bromo-	10	-	-	-	-	-	-	-	-
41	2-bromo-4'-hydroxy-; benzoate	1	-	-	0-2	0-2	-	-	2-3	2-3
42	α-bromo-p-nitro-	1	-	-	0-2	2-3	2-3	-	3-4	3-4
43	2-chloro-2-phenyl-	5	-	9-10	3-4	10-11	-	-	11-21	11-21
44	2,4'-dichloro-	1	3-4	3-4	6-7	6-7	7-8	7-8	8-9	8-9
45	2,5-dichloro-	10	-	3-4	0-2	-	-	3-4	2-3	-
46	3,4-dihydroxy chloro-	10	-	-	-	-	8-9	-	11-21	-
47	2-phenoxy-2-phenyl-	10	3-4	8-9	11-21	11-21	9-10	-	-	-
48	2,2,4'-trichloro-	2	7-8	-	7-8	9-10	-	-	-	-
49	Acrylic acid, benzoyl-; 2-ethylhexyl ester	3	7-8	-	11-21	11-21	-	-	-	-
50	3-benzoyl-; 2-ethylhexenyl ester	3	-	-	-	-	-	-	-	-
51	3-(p-chlorobenzoyl)-; butylcarbityl ester	2	-	-	2-3	2-3	-	-	2-3	4-5
52	isobutyl ester	2	-	-	2-3	3-4	3-4	-	3-4	4-5
53	3-(p-methoxybenzoyl)-; isobutyl ester	1	-	-	2-3	2-3	-	-	4-5	4-5
54	3-phenylmercapto-; copper salt	1	-	-	11-21	11-21	-	-	11-21	11-21
55	Aldrin, 2#	5	-	-	2-3	3-4	10-11	11-21	-	-
56	Alginic acid	10	-	-	-	-	-	-	-	-
57	Alloxan	5	-	-	-	-	-	-	-	-
58	Aluminum chloro-hydroxide complex	10	-	-	-	-	-	-	-	-
59	Amidophosphoric acid, N,N-diallyl-; diphenoxy ester	10	-	-	-	-	10-11	-	11-21	-
60	Amidophosphorous acid, N,N-dibutyl-; diphenyl ester	5	-	-	-	-	-	-	-	-
61	Ammonium; Antimony fluoride----sulphate	10	-	-	-	-	-	-	11-21	-
62	Ammonium compounds, substituted; alkyl-benzyldimethyl----chloride, 50% active ("BTC-824")	5	-	-	0-2	0-2	-	-	0-2	0-2

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
63	42% N-alkyl-dimethyl-benzyl---- chlorides 8% n-dialkyl methyl benzyl----chlorides, 50% inert ("BTC-776")	5	2-3	-	2-3	3-4	-	-	2-3	3-4
64	alkyltrimethyl----benzenesulfonate (alkyl- approx. $C_{12}H_{25}$)	1.2	-	-	-	-	-	-	-	-
65	benzyldimethyl----hexafluoro-arsenate	10	-	-	6-7	-	-	-	-	-
66	benzyldimethyldodecyl----chloride (15% active)	10	-	-	-	-	-	-	11-21	-
67	benzyldimethylphenyl----2-chloro-4,6-dinitro-phenoxide	10	-	-	-	-	-	-	-	-
68	benzyldimethylphenyl----4-chloro-2,6-dinitro-phenoxide	10	-	-	-	-	-	-	-	-
69	benzyldodecyltrimethyl----chloride	1	-	-	-	-	-	-	-	-
70	bis-2-ethylhexyl----hexafluoro-phosphate	1	-	-	-	-	-	-	-	-
71	substituted; cetyldimethylbenzyl---- monohydroxy pentafluoroarsenate	1	-	-	-	-	-	-	11-21	-
72	cetyltrimethyl----bromide (60% active in isopropanol)	0.8	-	-	2-3	3-4	-	5-6	3-4	6-7
73	cetyltrimethyl----salicylate	1	-	-	4-5	4-5	5-6	5-6	6-7	9-10
74	decylbenzyltrimethyl----chloride	10	-	-	-	-	-	-	0-9	0-10
75	di-N-butyl----tetrafluoroborate	10	-	-	-	-	-	-	-	-
76	dilauryldimethyl----bromide ("ISOTHAN DL-1", 75% active in isopropanol)	2	-	-	11-21	11-21	-	-	11-21	-
77	dimethylethylhexadecyl----bromide ("AMMONYX DME", 75% active)	1	-	9-10	8-9	10-11	-	-	9-10	11-21
78	dimethylethyloctadecenyl----bromide ("ONYXIDE", 75% active in isopro-panol)	1	-	-	3-4	3-4	-	-	3-4	5-6
79	dodecyltrimethyl----chloride ("ARQUAD 12")	2	-	-	-	-	-	-	-	-
80	substituted; hexadecyl trimethyl-benzyl----bromide	1.5	-	-	-	-	-	-	-	-
81	hexadecyldimethylbenzyl----tetra-fluoroborate	2	-	-	3-4	3-4	-	-	3-4	3-4
82	hexadecyltrimethyl----chloride ("ARQUAD 16")	1	-	-	1-2	1-2	-	-	1-2	1-2
83	methylmenaphthyl-dodecyl dimethyl---- chloride ("WARCOCIDE 1400") 50% active	1	-	-	-	-	3-4	-	4-5	4-5
84	(6-hydroxythymyl) trimethyl---- iodide	4	-	-	-	-	-	-	-	-
85	Ammonium fluorosilicate	10	-	-	-	-	-	-	-	-
86	Aniline; complex with trinitrobenzene	3	-	-	3-4	5-6	-	-	6-7	7-8
87	N-benzylidene-4-bromo-	5	-	-	0-1	0-1	0-1	2-3	5-6	9-10

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
88	m-bromo-	10	-	-	-	-	-	-	-	-
89	2-chloro-N-2-methylallyl-	10	-	-	8-9	-	-	-	-	-
90	2-chloro-4-nitro	5	-	-	-	-	-	-	-	-
91	3-chloro-4-thiocyano-	1	-	-	0-1	0-1	-	-	0-1	0-1
92	4-chloro-2-nitro-	5	0-1	1-2	-	-	0-1	0-1	12-24	12-24
93	2,5-dichloro-	2	0-1	-	0-1	4-5	6-7	-	-	-
94	3,4-dichloro-	10	0-1	0-1	5-6	5-6	0-1	4-5	-	-
95	N,N-dimethyl-; compd. with ferrocyanic acid	10	-	-	-	-	-	-	-	-
96	N,N-dimethyl-p-nitroso	1	3-4	-	4-5	4-5	-	-	6-7	6-7
97	N,N-dimethyl-p-thiocyano-; picrate	0.5	-	-	4-5	5-6	12-24	-	-	-
98	2,4-dinitro-	3	1-2	-	12-24	12-24	-	-	-	-
99	4,4'-dithiodi-2,2'-dichloro-N,N,N',N'-tetramethyl-	5	-	-	-	-	-	-	-	-
100	4,4'-dithiodi-2,2',6,6'-tetrachloro-N,N,N',N'-tetramethyl	5	-	-	-	-	-	-	-	-
101	hexafluorophosphate-	0.8	-	-	-	-	-	-	-	-
102	N-2-(2-o-nitro-p-tert-butylphenoxy-ethyoxy) ethyl-	10	7-8	7-8	12-24	-	2-3	-	8-9	-
103	Anisaldehyde	4	-	-	-	-	-	-	12-24	-
104	o-Anisidine; complex with trinitrobenzene	5	-	-	3-4	4-5	-	-	3-4	7-8
105	complex with 1 f. wt. 1,3,5-trinitrobenzene	1	-	-	-	-	-	12-24	-	-
106	p-Anisidine, 2-nitro-	7	-	-	-	-	-	-	-	-
107	Anisoin	10	-	-	-	-	-	-	-	-
108	Anisole, 6-tert-butyl-2,4-dinitro-3-methyl-	10	-	-	-	-	-	-	-	-
109	4-chloro-2,6-dinitro-	3	1-2	5-6	6-7	11-21	5-6	-	8-9	-
110	2-chloro-4-nitro	2	-	-	-	-	-	-	-	-
111	4-nitro-2,3,5,6-tetrachloro	7	2-3	2-3	6-7	8-9	0-1	3-4	3-4	5-6
112	p-tert-octyl-	5	-	-	-	-	-	-	-	-
113	Anthranilic acid; copper (11) salt	2	-	-	-	-	-	-	12-24	-
114	N-benzyl-	10	-	-	-	-	-	-	-	-
115	N-benzyl- copper (11) salt	5	8-9	9-10	11-12	11-21	10-11	10-11	11-12	11-12
116	N-(chloroacetyl)- copper (11) salt	5	-	-	6-7	7-8	7-8	9-10	8-9	10-11
117	N-2-methylallyl- copper (11) salt	3.5	-	-	7-8	12-24	-	-	7-8	12-24
118	N-tridecanoyl-	1	-	-	-	-	-	-	-	-
119	Anthraquinone	0.5	-	-	-	-	-	-	-	-
120	Anthraquinone, chloro-	5	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
121	1-chloro-	10	-	-	-	-	7-8	-	9-10	-
122	2-Anthroic acid, 3-hydroxy-	1.5	-	-	-	-	-	-	-	-
123	Antibiotics, antimycin	1	-	-	-	-	-	-	-	-
124	decoyinine	10	-	-	-	-	-	-	-	-
125	porfiromycin	2	-	-	-	-	-	-	-	-
126	psicofuranine	10	-	-	-	-	-	-	-	-
127	Astrazongelb 3G	5	-	-	1-2	2-3	11-12	-	-	-
128	Astrazongelb 5G	2	-	-	1-2	2-3	1-2	-	12-24	12-24
129	Astrazonorange G	3	3-4	-	4-5	4-5	-	-	-	-
130	Astrazonorange R	5	-	-	-	-	6-7	-	7-8	9-10
131	Barbituric acid, 5-allyl-1-methyl-5-(2-methylbutyl)-2-thio-	3	-	-	0-2	0-2	0-2	-	0-2	3-4
132	5-crotyl-5-isobutyl-	1	-	-	-	-	-	-	-	-
133	5-ethyl-5-(1-ethylpropyl)-1-methyl-2-thio-	1	0-2	2-3	-	-	2-3	8-9	-	-
134	Benzaldehyde, p-chloro-	10	3-4	5-6	9-10	9-10	11-12	-	-	-
135	3,4'-dichloro- oxime	0.5	3-5	5-6	9-10	9-10	11-12	-	-	-
136	4-ethoxy-3-methoxy-	10	-	-	-	-	-	-	-	-
137	o-hexyloxy-	5	4-5	-	-	-	-	-	-	-
138	m-hydroxy-	10	-	-	-	-	-	-	-	-
139	p-hydroxy-thiosemicarbazone	3.5	12-24	-	-	-	12-24	-	12-24	-
140	3-nitro-4-chloro-; oxime	10	-	-	0-2	0-2	0-2	0-2	2-3	8-9
141	Benzamide, 2-chloro-4-nitro-	10	10-11	-	-	-	-	-	-	-
142	3,5-dinitro-	10	-	-	-	-	-	-	1-2	-
143	Benzanilide, N-2-methylallyl-	5	3-5	7-8	-	-	10-11	10-11	-	-
144	Benzene, 1,2-bis(bromomethyl)	5	0-1	-	1-2	1-2	0-1	-	1-2	1-2
145	1,3-bis(chlorosulfonyl)-4-methoxy-	10	-	-	-	-	-	-	-	-
146	1,3-bis(2-phenoxyethoxy)-	5	-	-	-	-	4-6	8-9	5-6	-
147	1-bromo-2,4-dinitro-	5	-	-	1-2	2-3	1-2	1-2	2-3	2-3
148	p-chloronitro-	2	-	-	-	-	-	-	-	-
149	3-chloronitro-	4.5	-	-	-	-	-	-	-	-
150	p-dibromo-	5	-	-	-	-	12-24	-	-	-
151	(1,2-dibromoethyl)	10	-	-	-	-	-	-	-	-
152	o-dichloro-	5	-	-	-	-	-	-	-	-
153	x,x-dichloro-x-nitro-; mixture of isomers ("TAROPHEN CNB 33")	5	1-2	2-3	5-6	-	0-1	5-6	5-6	-
154	1,2-dichloro-4-nitro-	10	0-1	1-2	-	-	-	-	0-1	0-1
155	2,5-dichloro-1-nitro-	10	0-1	0-1	5-6	5-6	0-1	0-1	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
156	2,5-dichloronitro-	10	0-1	1-2	5-6	-	1-2	2-3	-	-
157	2,4-dinitrochloro-	4	1-2	1-2	2-3	2-3	2-3	2-3	5-6	7-8
158	1,3-dinitro-2,4,6-trichloro-; from dehydrochlorinated BHC isomers	5	2-3	2-3	3-4	3-4	1-2	-	1-2	2-3
159	4-nitro- (dibromomethyl)	1	0-2	0-2	12-24	12-24	11-12	12-24	12-24	-
160	p-nitrochloro-	10	5-6	8-9	6-7	14-16	-	-	-	-
161	octyl-	10	-	-	-	-	-	-	-	-
162	pentachloronitro-	10	-	-	-	-	-	-	-	-
163	1,2,4-trichloro-	7	-	-	-	-	-	-	-	-
164	Benzenemethanethiol, p-chloro-S-(4,5-dihydroimidazol-2-yl)-; hydrochloride	10	-	-	0-1	0-1	-	-	0-1	0-1
165	Benzenesulfonanilide, x,x-diisopropyl-4'-nitro-; sodium salt	0.5	-	-	-	-	-	-	-	-
166	Benzenesulfonic acid, cetylpyridinium salt	1	0-1	-	1-2	1-2	-	-	1-2	1-2
167	laurylpyridinium salt	2.5	-	-	-	-	-	-	-	-
168	x-sec-butyl-; butyl ester	7	0-1	-	-	-	-	-	1-2	-
169	isobutyl ester	3	-	-	-	-	-	-	-	-
170	phenyl ester	5	-	-	-	-	-	-	-	-
171	p-chloro-; alkyltrimethyl ammonium salt	5	1-2	-	2-3	2-3	1-2	-	2-3	2-3
172	dinitrocaprylphenyl ester	0.5	4-5	-	6-7	6-7	-	-	6-7	6-7
173	dinitrocyclohexylphenyl ester	1.5	-	-	-	-	-	-	5-6	-
174	dinitroisopropylphenyl ester	2.5	1-2	-	1-2	2-3	1-2	-	2-3	-
175	2,4-dinitrophenyl ester	0.5	-	-	6-7	6-7	9-14	-	-	-
176	p-methoxyphenyl ester	10	-	-	-	-	-	-	-	-
177	p-methylphenyl ester	10	-	-	-	-	-	-	-	-
178	p-chloro-; 6-phenyl-2,4-dinitrophenyl	5	-	-	-	-	-	-	-	-
179	p-chlorothiol-; trichloro methy-- ester	1	-	-	0-1	0-1	-	-	1-2	1-2
180	3,4-dichloro; dinitrocapylphenyl ester	5	7-8	-	8-9	9-14	14-16	16-18	18-20	-
181	3,4-dichlorothiol-; trichloromethyl ester	1	-	-	1-2	1-2	4-5	-	5-6	-
182	p-nitro-; dinitrocaprylphenyl ester	5	-	8-9	6-7	9-14	-	-	-	-
183	Benzenethiol, cyclohexylammonium salt	10	-	-	-	-	-	-	-	-
184	4-Benzodioxane, 2-(N-butylaminomethyl)-5-chloro-8-ethoxy-1-	7	-	-	0-1	0-1	0-1	1-2	1-2	2-3

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
185	4,3-Benzodioxathiepin-3-,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a,hexahydro-6,9-methano-2-; oxide ("THIODAN") Technical	2	-	-	1-2	1-2	0-1	0-1	1-2	2-3
186	Benzoic acid; 2-chlorophenyl ester	5	-	-	9-14	9-14	-	-	-	-
187	p-methoxyphenyl ester	4	9-14	-	14-16	-	-	-	-	-
188	methyl ester	5	14-16	-	-	-	-	-	-	-
189	p-acetamido-; copper (11) salt	6	-	-	9-14	9-14	-	-	4-5	14-16
190	p-chloromercuri-	10	-	-	1-2	1-2	5-6	-	6-8	6-8
191	3,5-diiodo-4-hydroxy-	3.5	-	-	-	-	-	-	-	-
192	methyl 4-acetamido-2-ethoxy ester ("ETHOPABATE"	10	-	-	-	-	-	-	-	-
193	m-nitro-β-thiocyanoethyl ester	5	1-2	-	1-2	2-3	1-2	1-2	2-3	3-4
194	p-nitro; p-(1-methylpropenyl) phenyl ester	2	-	-	16-18	-	-	-	-	-
195	Benzophenone, 4-benzylamino-	5	-	-	-	-	-	-	-	-
196	4-(2-bromoethyoxy)-	10	7-8	-	-	-	2-3	-	6-7	8-9
197	4-bromomethyl-	10	7-8	7-8	-	-	7-8	-	9-14	-
198	2,2'-dichloro-	7	-	-	9-14	-	18-20	-	-	-
199	2,4'-dichloro-	5	-	-	-	-	9-14	-	-	-
200	4-hydroxy-3-nitro	5	1-2	4-5	5-6	9-14	-	-	-	-
201	4-hydroxy-3-nitroacetate	5	0-1	0-1	1-2	1-2	0-1	6-8	1-2	-
202	4-methyl-	10	-	-	-	-	-	-	-	-
203	p-Benzoquinone pract.	1	-	-	1-2	1-2	-	-	1-2	1-2
204	p-Benzoquinone, (p-ethoxyphenyl)-	2	-	-	-	-	4-5	-	4-5	5-6
205	methyl-	1.5	1-2	-	1-2	2-3	1-2	1-2	2-3	2-3
206	tetrachloro-("SPERGON", wettable, 48% active)	2.5	-	-	6-8	6-8	-	-	-	-
207	Benzothiazole, 2-acetamido-7-benzoyl-	10	-	-	-	-	-	-	-	-
208	2-(2,4-dinitrophenylmercapto)-	3	6-8	6-8	14-16	14-16	-	-	-	-
209	lauryl pyridinium 5-chloro-2-mercapto- ("VANCIDE 26EC")	5	-	-	-	-	-	-	9-14	-
210	2-mercapto- 2.4% (and carbamic acid, dimethyldithio- sodium salts of 27.6%) ("VANCIDE 51")	10	6-8	-	8-10	9-14	-	-	5-6	9-14
211	2-mercapto- zinc salt ("ZETAX")	6	-	-	-	-	-	-	-	-
212	monoethanolammonium 2-mercapto- ("VANCIDE 20S")	2	-	-	-	-	-	-	-	-
213	sodium 5-chloro-2-mercapto- (sodium salt of chlorocaptax) ("VANCIDE 22")	5	-	-	9-14	-	-	-	9-14	14-16
214	sodium 2-mercapto- ("NACAP")	5	-	-	-	-	6-8	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
215	sodium 2-mercapto- with sequestering agents added ("VANZAK WL")	3.5	-	-	-	-	-	-	-	-
216	1H-Benzotriazole, 6-nitro-	5	-	-	-	-	-	-	-	-
217	Benzotrifluoride, 3-hydroxy-2,4,6-trinitro-	1.5	-	-	-	-	-	-	-	-
218	2,4,6-trinitro	3	1-2	-	2-3	2-3	-	-	1-2	2-3
219	2H-1,3-Benzoxazine, 6-tert-butyl-3-cyclo-hexyl-3,4-dihydro-	3	-	-	1-2	1-2	1-2	1-2	3-4	3-4
220	2H-1,3-Benzoxazine, 3,4-dihydro-3-(2-hydroxyethyl)-8-methyl-6-(1,1,3,3-tetramethylbutyl)-	3	2-3	2-3	4-5	4-5	3-4	6-7	4-5	8-10
221	Benzoyl chloride, 2,4,6-trinitro-	1	-	-	-	-	-	-	-	-
222	Benzylamine, N-p-chlorophenyl hydrochloride	5	-	-	-	-	-	-	-	-
223	N-(2-chlorophenyl)-p-nitro-	10	-	-	-	-	-	-	-	-
224	N-cyclohexyl-N-pentyl-	10	7-9	-	8-10	-	8-10	-	-	-
225	N-(2,5-dimethoxyphenyl)-dimethyl-	10	3-4	-	4-5	-	-	-	-	-
226	N-ethyl-p-nitroso-N-phenyl-	2	-	-	2-3	2-3	3-4	3-4	4-5	4-5
227	N-isopropyl-	10	9-14	-	-	-	-	-	-	-
228	N-methyl-N-(4-thiocyanophenyl)-	5	-	-	8-14	9-14	9-14	-	9-14	-
229	N-(2-methyl-4-thiocyanophenyl)-	1	4-5	-	5-6	6-8	7-9	-	8-10	14-16
230	N-(4-thiocyanophenyl)-	2	2-3	-	3-4	4-5	2-3	-	2-3	3-4
231	Benzylidenimine, N-diisobutyl-p-methoxy-	1	-	-	-	-	-	-	-	-
232	3-Benzylimidazolium, 1-methyl-2-undecyl-;	10	-	-	-	-	-	-	-	-
233	4,4'-Biacetophenone, difurfurylidene-	5	-	-	-	-	-	-	-	-
234	Bicarbamic acid; diethyl ester	10	-	-	-	-	-	-	-	-
235	Bicyclo [2.2.1] hept-5-ene-2,3-dicarboximide, 7,7-dimethoxy-N-isopropyl-1,4,5,6-tetrachloro	5	-	-	-	-	-	-	-	-
236	7,7-dimethoxy-1,4,5,6-tetrachloro-N-trichloro-methylsulfen-	5	-	-	-	-	-	-	-	-
237	[Bicyclohexyl]-2-diethylaminoethyl ester hydrochloride	5	0-1	0-1	0-2	1-3	0-1	0-1	-	-
238	Bicyclo [0.2.4] oct-3-ene, 2,5,7,8-tetrachloro-	1	9-10	-	9-12	-	4-6	-	5-7	-
239	Biguanide, 1-phenyl-; hydrochloride	10	-	-	-	-	-	-	-	-
240	Biphenyl, 4-chloromethyl-	10	-	-	-	-	-	-	-	-
241	x,x-diethyl-2-hydroxy	5	-	-	-	-	-	-	-	-
242	4-methoxy-	10	-	-	-	-	0-1	-	5-7	-
243	x-Biphenylsulfonamide, 2'-nitro-N,N-bis (2-cyanoethyl)-	5	-	-	9-10	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
244	Biurea, 2,5-dithio-	10	-	-	-	-	-	-	-	-
245	Biuret, 1-(2-biphenylyl)-2,4-dithio-	10	6-7	7-8	7-8	8-9	5-6	-	-	-
246	1-phenyl-2,4-dithio-; zinc salt	5	-	-	-	-	-	-	-	-
247	4-Bromophenacyl bromide	0.5	2-3	2-3	3-4	3-4	2-3	2-3	3-4	5-6
248	Brucine; salt with 1 f. wt. N-formyl-D-liucine	10	-	-	-	-	-	-	-	-
249	1,3-Butadiene, 2-chloro-3-(2,4-dinitrophenylsulfenyl)-	2	0-1	-	1-2	1-2	0-1	1-2	1-2	-
250	Butane, 1-(4-chlorophenyl)-1,3-dihydroxy-4,4,4-trichloro-	2	-	-	-	-	-	-	-	-
251	3,4-diphenyl-3-hydroxy-1-piperidino-; HCl	2	-	-	-	-	-	-	-	-
252	2-Butene, 1,4-dibromo-	0.4	-	-	-	-	-	-	-	-
253	2-phenyl-	10	-	-	-	-	-	-	-	-
254	1-Butene-1,3-diamine, N,N'-diphenyl-	5	3-4	-	-	-	-	-	-	-
255	2-Butene-1,4-dione, 1-cyclopropyl-2,4-diphenyl-	10	-	-	6-7	-	6-7	-	-	-
256	1,4-diphenyl-; trans	3	-	-	1-2	1-2	0-1	1-2	1-2	-
257	2-Butene-4-One, 1,1,1,3-tetrachloro-4-(p-chlorophenyl)-	3	-	-	1-2	1-2	2-3	4-5	3-4	5-6
258	Butylamine, myristyl-3-hydroxy-; hydrochloride	1	-	-	3-4	7-8	8-9	-	-	-
259	Butylidenimine, N-1,1,3,3-tetramethylbutyl-2,2,3,-trichloro	10	-	-	-	-	-	-	-	-
260	Butyne, 1,4-bis-N-nonylmethylamino-	5	-	-	-	-	-	-	-	-
261	2-Butyne, 1-di(3,5,5-trimethylhexyl) amino-4-[methyl (3,5,5-trimethylhexyl) amino]-	2	-	2-3	1-2	-	-	-	-	-
262	Butyraldehyde; polymer	2	-	-	-	-	-	-	-	-
263	Butyric acid, α,α,β-trichloro-; x-(1-methylheptyl)-x,x-dinitrophenyl ester	1	0-1	0-1	1-2	1-2	-	-	0-1	1-2
264	Butyronitrile, 2-hydroxy-2-methyl-3-oxo-; acetate	5	-	-	-	-	-	-	-	-
265	Butyrophenone, 2'-(2-chlorobenzyloxy)-5'-chloro-2-ethyl-	5	-	-	-	-	-	-	-	-
266	2,4,4,4,4'-pentachloro-3-hydroxy-	3	3-4	-	6-7	6-7	-	-	5-6	-
267	4,4,4,4'-tetrachloro-3-(p-chlorophenyl)-	1	2-3	-	2-3	3-4	-	-	3-4	8-9
268	Cadmium acetate, A. R.	10	-	-	-	-	-	-	-	-
269	Cadmium bromide, crystals	10	-	-	-	-	-	-	9-10	-
270	Cadmium chloride, A. R.	5	-	-	-	-	-	-	-	-
271	Calcium rosinate	5	-	-	-	-	-	-	-	-
272	Caproic acid, ethyl 2-cyano-3-methyl ester	1	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
273	Carbamic acid, bismuth dimethyl dithio ester- ("BISMATE")	10	-	-	-	-	-	-	-	-
274	dimethyl-; 1-allyl-3-methyl-5-pyrazolyl ester	10	-	-	-	-	-	-	5-6	-
275	dimethyl dithio ester, zinc salt 90% and zinc salt of 2-benzothiazolyl mercaptide 7.8% ("VANCIDE 51Z")	10	3-4	-	4-5	5-6	3-4	-	4-5	5-6
276	dimethyl-; 1-isopropyl-3-methyl-5-pyrazolyl ester	3	-	-	-	-	-	-	-	-
277	1-phenyl-3-methyl-5-pyrazolyl ester	10	-	-	-	-	-	-	-	-
278	ethyl ester	10	-	-	-	-	-	-	-	-
279	dithio-; pentamethylene, piperidinium salt	5	3-4	-	4-5	5-6	3-4	-	0-1	4-5
280	1-(2-hydroxynaphthyl) methyl ester	3	7-8	-	9-10	-	-	-	-	-
281	ethylenebis [dithio-	6	-	-	-	-	-	-	-	-
282	3-formylphenyl N-phenyl-	4	-	-	-	-	-	-	-	-
283	2-furyl-; ethyl ester	10	-	-	-	-	-	-	-	-
284	isopropyl N-2-(5-chloro) pyridyl-	10	-	-	-	-	-	-	-	-
285	isopropyl N-2-(3-methyl) pyridyl-	4	-	-	-	-	-	-	-	-
286	isopropyl N-2-(4-methyl) pyridyl-	10	-	-	-	-	4-5	-	10-11	-
287	methyl-; 6-chloro-3,4-xylyl ester	2	0-1	0-1	2-3	-	4-5	-	-	-
288	selenium dimethyl dithio ester- ("METHYL SELENAC")	5	6-7	-	4-5	-	6-7	-	4-5	-
289	sodium salt, mixed with the sodium salts of 2-thioazolethiol and chlorinated phenols, mainly pentachlorophenol ("VANCIDE 76")	1	-	-	-	-	-	-	-	-
290	Carbanilic acid; cyclohexyl ester	1	-	-	-	-	-	-	-	-
291	4-carboxy-; diethyl ester	10	-	-	-	-	-	-	-	-
292	4-chloro-; 2-chloroethyl ester	1	-	-	-	-	-	-	-	-
293	diethyleneglycol diester	1	5-6	-	6-7	-	-	-	-	-
294	4-chloro-N-cyanomethyl-; ethyl ester	10	9-10	-	-	-	11-12	-	10-11	-
295	3-chloro-6-methoxy-; isopropyl ester	10	2-3	-	-	-	-	-	-	-
296	N,4-dimethyl-; isopropyl ester	6	-	-	-	-	1-2	-	-	-
297	dithio-; allyl ester	10	9-10	-	-	-	7-8	9-10	-	-
298	methyl ester	2	6-7	10-11	7-8	11-12	11-12	-	-	-
299	Carbanilide, N-carbothoxythio-	5	0-1	2-3	-	-	2-3	4-5	-	-
300	4,4'-dinitro- and 2-hydroxy-4,6-dimethyl pyrimidine in Equimolar concentrations ("NICARB")	10	-	-	-	-	-	-	-	-
301	Carbazic acid, 2-methyl-2-phenyl-; isopropyl ester	3	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
302	Carbazole, 3-bromo-	10	-	-	-	-	-	-	-	-
303	N-2-chloroethyl-	10	-	-	-	-	-	-	-	-
304	N-2-thiocyanoethyl-	1	0-1	2-3	2-3	3-4	3-4	6-7	6-7	-
305	Carbinol, bis(p-chlorophenyl) ethynyl-	1	-	-	10-11	-	10-11	-	-	-
306	Carbonic acid; allyl 2-chloroethyl ester	10	-	-	10-11	10-11	-	-	-	-
307	allyl 4,6-dinitro-o-cresyl ester	0.5	-	-	0-1	0-1	-	-	4-5	8-9
308	4-chloro-2-methylphenyl ethyl ester	1	7-8	9-10	9-10	12-13	-	-	-	-
309	diphenyl ester	5	6-7	-	7-8	-	-	-	-	-
310	di-p-tolyl ester	8	-	-	-	-	-	-	-	-
311	isopropyl pentachlorophenyl ester	5	5-6	-	6-7	6-7	-	-	6-7	-
312	thio-; S-carbethoxy ethyl ester	5	6-7	-	6-7	7-8	10-11	-	12-13	-
313	Catechol; diester with benzoic acid	1	-	-	-	-	-	-	-	-
314	Cetyl alcohol, with 20 moles of ethylene oxide, condensation product	5	10-11	-	11-12	-	-	-	-	-
315	Chalcone	3	-	-	-	-	-	-	-	-
316	3,4-dimethoxy	3	6-7	7-8	-	-	-	-	-	-
317	Chloralammonia	2	-	-	-	-	-	-	-	-
318	Chloramine T	3	-	-	-	-	-	-	-	-
319	Chlorax spray powder	10	-	-	-	-	-	-	-	-
320	Chlordane (25% active)	5	-	-	-	-	-	-	-	-
321	Cholic acid triformate	3	-	-	-	-	-	-	-	-
322	Choline, 2-chloro-4-nitrophenoxide	3	-	-	-	-	-	-	-	-
323	x,x-dinitro-x-nonylphenoxide	1	-	-	-	-	7-8	-	10-11	1-2
324	6-Chromancarboxylic acid, 2,2-dimethyl-	10	-	-	-	-	-	-	-	-
325	Cinnamaldehyde, p-nitro-	1	5-6	-	6-7	-	-	-	9-10	-
326	Cinnamic acid; cyclohexanon-2-yl ester	10	-	-	-	-	-	-	-	-
327	propargyl ester	1	-	-	-	-	-	-	-	-
328	p-nitro-; ethyl ester	5	-	-	-	-	-	-	-	-
329	Cobalt salt of pine gum 50% and turpentine 50%	8	-	-	-	-	-	-	-	-
330	n-Cocoamine ("ARMEEN C")	1	8-9	-	9-10	12-18	12-18	12-18	-	-
331	Copper (11) chloride (purified crystals)	3	5-6	5-6	6-7	7-8	6-7	-	1-2	12-18
332	Copper (11) nitrate (purified)	2	-	-	6-7	7-8	-	-	3-4	-
333	Copper salt of Cr 976	5	6-7	11-12	8-9	-	-	-	-	-
334	Copper salt of pine gum 50%, and turpentine 50%	10	-	-	-	-	-	-	-	-
335	Creosote NF 1X	1	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
336	m-Cresol, 3',3",5',5"-tetrabromo---- sulfonephthalein	5	-	-	-	-	-	-	-	-
337	o-Cresol, 4,6-dinitro-	2	-	-	-	-	-	-	-	-
338	3,5-dinitro-	1	-	-	-	-	-	-	-	-
339	tetrabromo-	6	-	-	0-1	0-1	0-1	-	0-1	1-2
340	p-Cresol; crotonate	2.5	8-9	9-10	9-10	10-11	-	-	-	-
341	Crotonic acid; 3,4-dimethyl-7-hydroxy-hydrindone ester	3	-	-	-	-	-	-	-	-
342	mendelonitrile ester	6	-	-	0-1	0-1	1-2	1-2	2-3	8-9
343	3-benzoyl-4-(o-chlorophenyl)-2-(p-methyoxyphenyl)-	2	-	-	0-1	0-1	0-1	-	11-12	-
344	Cupferron	10	-	-	-	-	-	-	-	-
345	Cyanamide, cyanomethyl (1,1,3,3-tetramethylbutyl)-	1	-	-	0-2	0-2	0-2	0-2	12-18	12-18
346	Cyclohexane, γ-isomer ("LINDANE," 99% γBHC)	3	-	-	0-1	0-1	0-1	0-1	1-2	1-2
347	γ-isomer ("LINDANE," 100%)	10	-	-	0-2	0-2	-	-	0-2	0-2
348	γ-isomer ("LINDANE," 90% water-dispersible)	1	-	-	0-2	0-2	0-2	-	0-2	7-8
349	Δ-isomer	10	0-2	0-2	12-18	-	4-5	4-6	12-18	12-18
350	Cyclohexanone, 2-acetyl-5-hydroxy-3-phenyl-5-styryl	3	0-1	0-1	4-5	-	-	-	-	-
351	4-tert-butyl-	1	-	-	-	-	-	-	-	-
352	2-chloro-4-chloroacetyl-	10	-	-	-	-	-	-	-	-
353	4-Cyclohexene-1,2-dicarboxylic anhydride, 3-phenyl-	1	-	-	-	-	-	-	-	-
354	5-Cyclohexene-1,3-dione, 2,2,4,4,6-pentachloro	10	-	-	12-18	12-18	-	-	-	-
355	4-Cyclohexene-1; N-trichloromethylthio-; 2-dicarboximide ("VANCIDE 89")	1	1-2	-	1-2	2-3	4-5	-	5-6	-
356	2-Cyclohexene-1-one, 3-methyl-5-phenyl-	10	7-8	-	-	-	6-7	7-8	-	-
357	Cyclohexylamine; N-2-[2-(2-(o-1-methyl-heptylphenoxy] ethoxy) ethoxy] ethyl-	1	-	-	8-9	9-10	-	-	8-9	-
358	Cyclopentadiene; hexachloro-	3	-	-	0-2	0-2	-	-	0-2	0-2
359	1,2,3,4,5-pentachloro-5-(trichloro-methyl)-	5	-	-	-	-	-	-	-	-
360	Cyclopentadieneone, 2,3,4,5-tetra-chloro-; dimethyl acetal	4	8-9	-	12-18	12-18	2-3	9-10	12-18	-
361	Decanoic acid; 2-(2-thiocyanoethoxy) ethyl ester	5	1-2	2-3	2-3	3-4	6-7	8-9	8-9	12-18
362	2-thiocyanoethyl ester	10	1-2	-	1-2	2-3	1-2	6-7	2-3	12-18
363	crude, 2-(2-thiocyanoethoxy (ethyl ester) ("GERMAN ACID")	3	3-4	-	3-4	5-6	4-5	-	5-6	-
364	Diacetonnitrile, x,x'-dimethyl-1,4-piperazine	4	0-1	0-1	1-2	1-2	2-3	2-3	3-4	3-4

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
365	x,x,x',x',2-pentamethyl-1,4-piperazine-	1	-	-	0-1	0-1	0-1	1-2	2-3	3-4
366	Dibenzylamine	3	4-5	4-5	11-12	-	2-3	4-5	5-6	-
367	Dibenzylamine, N-2-chloroethyl-; hydrochloride	10	11-12	-	-	-	-	-	-	-
368	ethanol-	10	-	-	0-2	0-2	-	-	0-2	0-2
369	1,2-dicarboximide, N-trichloromethyl-mercapto-4-cyclohexene- 75% active and 25% inert 75% Captan ("VANCIDE P-75%)	1	-	-	1-2	1-2	3-5	-	4-5	-
370	Dicyclopentadiene; addition of chlorine to, in HAc	1	3-4	7-8	5-6	10-11	-	-	-	-
371	Dieldrin	3	-	-	2-3	3-4	1-2	5-6	3-4	-
372	Diethylamine, 2,2'-bis(nonylamino)-	10	-	-	0-1	0-1	0-1	-	0-1	2-3
373	Diglycolic acid diester with butyl lactate	6	-	-	-	-	-	-	-	-
374	Dimethylamine; picrate	10	-	-	-	-	-	-	-	-
375	Dinonylamine, N-methyl-	1	-	-	1-2	-	-	-	-	-
376	3-Dioxolan, 2-phenyl-2,5-dimethyl-1; -4-one	10	-	-	-	-	-	-	-	-
377	2,2,5,5-tetramethyl-1; -4-one	10	-	-	-	-	-	-	-	-
378	Diphenylamine, 4,4'diamino-	10	5-6	5-6	6-7	6-7	5-6	6-7	6-7	-
379	2,4-dinitro-	10	12-18	-	-	-	7-8	-	-	-
380	2,2',4,4',6,6'-hexanitro	5	-	-	-	-	1-2	-	2-3	3-5
381	Disodium 2,2' thiobis(4,6-dichlorophenate) ("VANCIDE BN")	1	0-1	-	0-1	1-2	-	-	2-3	-
382	Disulfide, bis(3,5-dichloro-2-hydroxyphenyl)	1	-	-	1-2	2-3	-	-	2-3	4-5
383	dimethyl carbamyl, dimethylthiocarbamyl- ("VANCIDE F-845")	2	-	-	-	-	-	-	11-12	-
384	dimethylthiocarbamoyl dimethylcarbamoyl- ("VANCIDE OD")	6	0-1	0-1	3-5	7-8	-	-	4-5	4-5
385	diphenyl	10	-	-	-	-	-	-	-	-
386	3-nitrophenyl-	3	-	-	-	-	11-12	-	12-18	-
387	Dithiooxamide	5	-	-	-	-	-	-	-	-
388	n-Dodecylamine ("ARMEEN 12")	1	-	-	3-4	3-4	-	-	6-7	11-12
389	tert-Dodecylamine, monocyanomethyl-	1	-	-	3-4	3-4	5-6	-	6-7	12-18
390	2-Dodecyne, 1-dimethylamino-4-hydroxy-	8	-	-	0-1	0-1	1-2	1-2	2-3	3-4
391	Dresinate X	7	-	-	-	-	-	-	-	-
392	"E" Cake	5	0-1	0-1	1-2	1-2	1-2	2-3	4-5	12-18
393	Ethane, 1-amino-2-bisulfate-	10	-	-	-	-	-	-	-	-
394	1-benzyl-2-(2,4-dinitrophenoxy)-	7	0-1	1-2	8-9	10-11	2-3	3-4	9-10	12-18

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
395	1,1-bis[p-(2-chloroethoxy) phenyl] -2,2,2-trichloro-	10	-	-	12-18	-	5-6	-	8-9	-
396	2,2-bis[p-(α-chloroethyl) phenyl] -2,2-dichloro-	7	-	-	-	-	-	-	-	-
397	1,1-bis(3'-chloro-4'-hydroxyphenyl)- 2,2-dichloro-	1	-	-	-	-	4-5	9-10	9-10	-
398	1,1-bis(chloro or methoxyphenyl)- 2,2-dichloro-	10	-	-	-	-	3-4	-	8-9	-
399	1,1-bis(4-chlorophenyl)-2,2,2-tri- chloro-	3	-	-	-	-	3-5	3-5	-	-
400	bis(3,3'-dichloro-4,4'-dihydroxy- diphenyl) dichloro-; monodioxane complex	1	-	-	-	-	6-7	-	-	-
401	1,1-bis(ethylphenyl)-2,2-dichloro- ("PERTHANE WP-50")	8	4-5	4-5	-	-	0-1	1-2	-	-
402	1,1-bis(p-ethylphenyl)-2,2-dichloro	10	7-10	-	7-8	8-9	0-1	-	11-12	-
403	1,1-bis(p-fluorophenyl)-2,2-dichloro	4	-	-	-	-	3-5	-	3-5	10-11
404	1,2-bis(p-formylphenoxy)	1	-	-	-	-	-	-	-	-
405	1,2-bis(2-hydroxy-4,5-dichloro- phenyl)-	1	-	-	0-1	0-1	-	-	1-2	1-2
406	1,1-bis(p-hydroxyphenyl)-2,2-di- chloro-	9	6-7	6-7	10-11	-	2-3	2-3	6-7	10-11
407	1,2-bis(3-hydroxy-2,4,5,6-tetra- chloro (?) phenyl)-	10	-	-	6-7	-	-	-	-	-
408	1,1-bis(4-iodophenyl)-2,2,2-tri- chloro-	5	-	-	-	-	-	-	-	-
409	1,1-bis(p-isopropylphenyl)-2,2- dichloro-	10	-	-	-	-	6-7	9-10	-	-
410	1,1-bis(p-methoxyphenyl)-2,2,2- trichloro-	5	3-5	3-5	5-6	5-6	1-2	1-2	2-3	11-12
411	1,1-bis(p-nitrophenyl)-2,2-dichloro-	5	-	-	-	-	2-3	6-7	3-5	-
412	1-(2-bromo-4-tert--6-nitrophenoxy)- 2-(2-chloroethoxy)-	3	-	-	-	-	8-9	-	-	-
413	1-[2-(p-tert-butyl-o-nitrophenoxy) ethoxy]-2-(2-chloroethoxy)-	10	3-5	-	-	-	5-6	-	-	-
414	1-[p-(chloro-tert-butyl)-o-nitro- phenoxy]-2-(2-chloroethoxy)-	1	3-5	3-5	-	-	-	-	-	-
415	1-(2-chloro-4-chloromethylphenoxy)- 2-(2-chloroethoxy)-	10	-	-	-	-	-	-	-	-
416	1-(2-chloroethoxy)-2-[o-(2-methyl- allyl) phenoxy]	3	-	-	-	-	-	-	-	-
417	1-(2-chloroethoxy)-2-[2-[p-[1-methyl- heptyl phenoxy) ethoxy]	10	-	-	-	-	-	-	-	-
418	1-(2-chloroethoxy)-2-(p-tert-pentyl- o-nitro- phenoxy)-	10	-	-	-	-	-	-	-	-
419	1-(4-chlorophenoxyo)-2-(2,4-dinitro- phenoxy)-	10	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
420	1-(p-chlorophenyl)-1-(o-chloro-p-tolyl)-2,2-dichloro-	10	-	-	-	-	-	-	-	-
421	1-(4-chlorophenyl)-2,2-dichloro-1-(3,4-dimethylphenyl)-	10	-	-	-	-	-	-	-	-
422	1-(p-chlorophenyl)-2,2-dichloro-1-(p-methoxyphenyl)-	5	-	-	-	-	6-7	-	-	-
423	1-(2,4-dibromophenoxy)-2-phenoxy-	10	-	-	-	-	-	-	-	-
424	1-(2,4-dinitrophenoxy)-2-(2-naphthyloxy)-	1	-	-	-	-	-	-	-	-
425	1-(2,4-dinitrophenoxy)-2-(4-nitrophenoxy)-	10	8-9	11-12	-	-	8-9	8-9	-	-
426	hexachloro-	3	-	-	-	-	-	-	-	-
427	1,1,1-trichloro-, 2,2-bis(p-chlorophenyl) tech.	5	-	-	-	-	6-7	-	6-7	-
428	1,2-Ethanedithiol; dixanthate	10	-	-	-	-	-	-	-	-
429	Ethanethiol; copper salt	7	8-9	9-10	-	-	-	-	9-10	-
430	1-Ethanol, 1-azaspiro (4.5) decane; -phenyl-2-cyclopentene 1-acetate (ester) hydrochloride	2	-	-	-	-	-	-	-	-
431	Ethanol, 1,1-bis(chlorophenyl) 2,2,2-trichloro- ("KELTHANE W")	10	-	-	-	-	-	-	-	-
432	1-(2-chlorophenyl)-2,2-dichloro-	9	0-1	0-1	9-10	-	0-1	2-3	10-11	-
433	2,2'-(dicamethylenedithio) di-	9	-	-	-	-	-	-	-	-
434	2-[4-(1,1-dimethylpropyl)-2-nitrophenoxy]-	10	1-2	5-6	-	-	1-2	5-6	-	-
435	2-(2-naphthyloxy)-; acetate	10	-	-	-	-	-	-	-	-
436	2-[2-o-nitro-p-(1,1,3,3-tetramethylbutyl) phenoxy ethoxy]-	8	3-5	-	-	-	5-6	-	-	-
437	2,2'-sulfinyldi-	10	-	-	-	-	-	-	-	-
438	Ether, allyl 3-bromobiphenylyl	3	-	-	-	-	-	-	-	-
439	benzyl 5-bromo-3-nitro-o-tolyl	10	-	-	-	-	-	-	7-8	-
440	benzyl 4-tert-butyl-2,6-dinitrophenyl	10	1-2	1-2	-	-	-	-	-	-
441	benzyl 2,3-dibromopropyl	2	-	-	-	-	-	-	-	-
442	benzyl 2,4-dinitrophenyl	10	-	-	-	-	-	-	-	-
443	benzyl x-(1-methylheptyl)-x-nitrophenyl	1	-	-	-	-	-	-	-	-
444	benzyl 2-methyl-(4- and 6-) nitrophenyl	3	5-6	8-9	6-7	9-10	-	-	5-7	-
445	benzyl 2-nitrophenyl	5	3-5	3-5	7-8	-	2-3	3-5	8-9	
446	x-bromophenyl phenyl	10	-	-	-	-	-	-	-	-
447	4-tert-butyl-2,6-dinitrophenyl 2-methylallyl	3	-	-	-	-	5-6	-	-	-
448	4-tert-butylphenyl 2-chloroallyl	3	1-2	1-2	2-3	2-3	1-2	-	5-6	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
449	4-chlorophenyl 2-methylallyl	5	-	-	-	-	-	-	-	-
450	2,4-dinitrophenyl ethyl	10	-	-	-	-	6-7	11-12	-	-
451	2,4-dinitrophenyl o-(2-methyl-allyl) phenyl	10	3-5	5-6	-	-	3-5	5-6	-	-
452	2,4-dinitrophenyl 2-nitrophenyl	3	10-11	-	-	-	-	-	-	
453	glycidyl 2,4,5-trichlorophenyl	10	0-1	0-1	-	-	1-2	1-2	-	-
454	hydroquinone monobenzyl- ("AGERITE ALBA")	10	2-3	3-5	10-11	10-11	2-3	2-3	-	-
455	α-Ethyldesoxyanisoin	1	-	-	-	-	-	-	-	-
456	Ethylene, 1-(2,4-6-trinitrophenyl)-2-furyl-	1	-	-	0-1	0-1	0-1	-	0-1	1-2
457	Ethylenediamine, N,N'-bis(2-ethylhexyl)-	3	-	-	1-2	2-3	-	-	2-3	3-5
458	N,N'-bis(2-ethylhexyl)-cobalt (11) chloride complex	3	0-1	1-2	-	-	-	-	2-3	-
459	N,N'-di(2-ethylhexyl)-; copper (11) acetate complex	3	2-3	2-3	3-5	3-5	-	-	-	-
460	N,N'-di(2-ethylhexyl)-; zinc chloride complex	8	-	-	0-1	-	-	-	1-2	1-2
461	N,N'-diisoctyl-; nickel chloride salt	1	-	-	-	-	-	-	2-3	-
462	N,N'-dinonyl-; copper (11) acetate complex	2	-	-	1-2	1-2	-	-	3-5	3-5
463	di-β-naphthalenesulfonic acid	10	0-1	-	0-1	1-2	-	-	2-3	2-3
464	di-p-toluenesulfonic acid salt	10	-	-	1-2	1-2	-	-	-	-
465	N,N,N',N'-tetrabutyl-; zinc chloride complex	10	0-1	-	0-1	1-2	2-3	-	2-3	3-5
466	Fluosilicic acid, copper salt ester	6	-	-	6-7	9-10	7-8	-	8-9	-
467	Fluphenazine dihydrochloride	1	-	-	-	-	-	-	-	-
468	2-Furaldehyde, azine	10	-	-	-	-	-	-	-	-
469	5-nitro-	2	6-7	7-8	7-8	9-10	-	-	-	-
470	oxime	10	-	-	-	-	-	-	-	-
471	semicarbazone	10	-	-	-	-	-	-	-	-
472	semioxamazone	5	-	-	-	-	-	-	-	-
473	Furan, 2-[(cinnamyloxy) methyl]-	10	10-11	-	-	-	-	-	-	-
474	methyl	10	-	-	-	-	-	-	-	-
475	2-Furanacrylic acid; benzyl ester	5	10-11	-	11-12	-	-	-	-	-
476	5-nitroethyl ester	1	-	-	13-21	-	-	-	13-21	-
477	2-Furanglyconitrile; crotonate	1	-	-	13-21	-	-	-	-	-
478	Furfural	2	-	-	-	-	-	-	-	-
479	Furfuryl alcohol, carbanilate	10	0-2	2-3	3-4	5-6	0-2	9-10	3-4	13-21

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
480	Gallamide	1	-	-	-	-	7-8	-	-	-
481	Glyoxal, (p-bromophenyl)-; hemihydrate	10	7-8	7-8	9-10	10-11	13-21	-	-	-
482	Guanidine, monohydrobromide	1	-	-	-	-	10-11	-	11-12	-
483	Heptachlor (technical)	3	-	-	13-21	-	8-9	-	10-11	-
484	2,4-Hexadiene, 3,4-bis(4-hydroxy-phenyl)- ("DIENESTROL")	10	6-7	7-8	13-21	13-21	8-9	-	13-21	-
485	1,4,7,13,16,19-Hexoxa-10-thianonadecane, 1,19-bis(p-chlorophenyl)-	5	-	-	0-2	0-2	0-2	-	13-21	-
486	Hexylamine, N,N-di(2-ethylhexylamino-ethyl)-2-ethyl	1	-	-	2-3	11-12	-	-	13-21	13-21
487	3-Hexyne, 2,5-dimethyl-2,5-di-carbanilino-	2	-	-	-	-	-	-	-	-
488	Hydratroponitrile, β, p-toluyl-	2	-	-	-	-	-	-	-	-
489	Hydrocinnamic acid α-cyano-; ethyl ester	5	3-4	4-5	5-6	5-6	8-9	-	13-21	-
490	Hydrogen peroxide 30%	5	-	-	-	-	-	-	-	-
491	Hydroquinone allyl-	10	-	-	0-2	0-2	-	-	0-2	0-2
492	Imidazolidine, 1,3-dinonyl-	1	-	-	0-2	0-2	-	-	3-4	4-5
493	2-Imidazoline, 1-(2-aminoethyl)-2-(8-heptadecenyl)-	1	-	-	2-3	2-3	3-4	-	4-5	5-6
494	2-(3,4-dichlorophenylmethyl-mercapto)-; hydrochloride	1	3-4	3-4	11-12	-	9-10	-	-	-
495	1,3-Indandione, 2-isovaleryl-	5	-	-	-	-	-	-	-	-
496	Indane, 2-hydroxy-8,8-dimethoxy-4, 7-endomethylene-1,4,5,6,7-penta-chloro-3a,4,7,7a-tetrahydro-	1	3-4	3-4	4-5	4-5	2-3	-	3-4	9-10
497	3-Indanione, sodium 2-isovaleryl-1,-	1	-	-	-	-	-	-	-	-
498	Indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano- ("HEPTACHLOR") technical 73%	3	-	-	-	-	-	-	-	-
499	Indole	10	-	-	0-2	0-2	0-2	0-2	12-13	13-21
500	Indole-3-carboxaldehyde	3	-	-	-	-	-	-	-	-
501	Iodonium compounds; bis(N-hexylphenyl) ----chloride	1	-	-	0-2	0-2	-	-	2-3	3-5
502	Iron salt of pine gum 65%, and turpentine 35%	10	-	-	-	-	-	-	-	-
503	Isobutylraldehyde, dimethylallyl acetal	2	-	-	-	-	-	-	-	-
504	Isobutyric acid, methyl α-benzoyl-ester	10	-	-	-	-	-	-	-	-
505	α-thiocyano-; ethyl ester	5	0-2	0-2	2-3	2-3	2-3	2-3	9-10	9-10
506	Isobutyronitrile, α-hydroxy-	10	-	-	0-2	0-2	0-2	-	0-2	3-4
507	benzoate	10	-	-	-	-	-	-	-	-
508	Isocyanic acid, 3-chlorophenyl ester	10	6-7	-	3-4	6-7	3-4	3-4	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
509	Isopropanol, dichloro-; (mixed isomers)	1	-	-	-	-	-	-	-	-
510	Isoquinolinium compounds; lauryl---- bromide ("ISOTHAN Q15," 20%)	10	-	-	5-6	6-7	-	-	4-5	6-7
511	d-tubocurarine chloride	10	-	-	-	-	-	-	-	-
512	Isothiocyanic acid, phenyl ester	10	-	-	-	-	-	-	-	-
513	Ketone, cyclopropyl furfurylidene-methyl	10	7-8	9-10	10-11	9-10	8-9	-	13-21	13-21
514	dichloromethyl trichloromethyl	2	-	-	-	-	-	-	-	-
515	methyl 3-thianaphthenyl	5	0-2	0-2	-	-	-	-	-	-
516	Lactic acid, allyl ester	10	-	-	13-21	-	13-21	-	-	-
517	butyl ester, m-cyanocarbanilate	5	-	-	-	-	-	-	-	-
518	3-chloroallyl ester	10	-	-	9-10	13-21	13-21	-	13-21	-
519	methyl ester	7	-	-	-	-	-	-	-	-
520	nickel (11) salt	10	-	-	-	-	-	-	-	-
521	Lactonitrile, 3,3,3-trichloro-	1	-	-	-	-	-	-	-	-
522	3,3,3-trichloro-p-chlorobenzoate	1	-	-	0-2	0-2	-	-	7-8	-
523	Lauric acid, γ-chloroallyl ester	3	-	-	-	-	-	-	-	-
524	Lead chloride, triphenyl-	5	-	-	-	-	-	-	-	-
525	Lead hexafluorostannate	10	-	-	-	-	-	-	-	-
526	Lead nitrate (technical)	10	-	-	-	-	-	-	-	-
527	Levulinic acid	10	-	-	-	-	-	-	-	-
528	allyl ester	10	7-8	-	7-8	8-9	-	-	13-21	13-21
529	Lithium chloride	10	-	-	-	-	-	-	-	-
530	Lithium hexafluorotitanate	7	-	-	-	-	-	-	-	-
531	Maleic acid; 2-chloroethyl 2-thio-cyano-ethyl ester	9	4-5	-	4-5	5-6	-	-	-	-
532	di(2-chloroethyl) ester	5	-	-	4-5	4-5	-	-	9-10	13-21
533	Malonic acid, benzylidene-; diethyl ester	8	2-3	2-3	4-5	4-5	9-10	11-12	10-11	13-21
534	(2-butenyl) butyl-; diethyl ester	1	-	-	-	-	-	-	-	-
535	diethyl dibromo- ester ("VANCIDE F-845")	1	-	-	2-3	2-3	4-5	-	5-6	-
536	diethylisoamylethyl ester	10	-	-	2-3	3-4	4-5	-	11-12	-
537	diethyl isobutylerotyl ester	2	-	-	-	-	-	-	-	-
538	ethylidene-; diethyl ester	4	-	-	5-6	12-13	8-9	11-12	10-11	13-21
539	Mandelonitrile, 3,4-methylenedioxy-; benzoate	4	-	-	-	-	-	-	13-21	-
540	Melicopidine	4	-	-	-	-	-	-	-	-
541	Mercuric borate, phenyl-	1	-	-	0-2	0-2	-	-	0-2	0-2

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
542	Mercury chloride	3	-	-	3-4	3-4	-	-	4-5	4-5
543	Mercury, phenyl-; nitrate	1	-	-	2-3	2-3	2-3	-	2-3	3-4
544	Methane, bis(5-chloro-2-hydroxy-phenyl)-; cetyldimethylamine mono salt	1	-	-	13-21	9-10	-	-	4-5	-
545	Methane, 2,2-dihydroxy-3-nitro-3',5,5'-trichlorodiphenyl-	1	-	-	0-2	0-2	-	-	2-3	2-3
546	(2'-hydroxy-3'-isopropyl-5'-chlorophenyl)- (2-isopropoxy-3-isopropyl-5-chlorophenyl)-	3	11-12	-	11-12	13-21	8-9	-	8-9	11-12
547	4,7-Methanoindene-1,8-dione, 2,3,3a,4,5,6,7,7a-octachloro-3a,4,7,7a-tetrahydro	3	9-10	-	5-6	10-11	-	-	-	-
548	4,7-Methanoindeneone, decachlorotetrahydro-	4	2-3	2-3	3-4	3-4	3-4	3-4	5-6	6-7
549	Methoxychlor (purified)	5	-	-	3-4	-	0-2	-	4-5	-
550	Methyleneimine, N-dodecyl-	8	-	-	0-2	0-2	-	-	0-2	0-2
551	Morpholine, N-(x-methylacetonitrile)	1	-	-	-	-	-	-	-	-
552	4-(2-naphthylthioacetyl)-	1	-	-	-	-	-	-	-	-
553	Mucochloric acid; 2-chloroethyl ester	7	0-2	-	0-2	2-3	-	-	2-3	3-4
554	Myristic acid; glycerol-1,3-dimethyl ether ester	5	-	-	-	-	7-8	-	-	-
555	Naphthalene, 1-(2-(bromoethoxy)-4-nitro-	10	0-1	1-2	-	-	-	-	-	-
556	1,2,3,4,10,10-hexachloro-6-7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4,5,8-dimethano- ("ENDRIN") tech. 94.5%	2	-	-	0-2	0-2	0-2	-	0-2	-
557	Naphthenic acid, mercury salt, 25% Hg ("NUODEX MERCURY 25%)	8	-	-	0-1	0-1	-	-	2-3	2-3
558	1-Naphthol, 2,4-dichloro-	1	-	-	4-5	-	5-6	-	4-5	6-7
559	1-Naphthol, 1,6-dibromo-	1	2-3	3-4	4-5	4-5	-	-	-	-
560	1-piperidinomethyl-	1	-	-	0-2	0-2	-	-	-	-
561	x,x-Naphthoquinone	1	-	-	0-2	0-2	-	-	0-2	0-2
562	2,3-dichloro-	2	-	-	0-2	0-2	-	-	0-2	0-2
563	1,2-Naphthquinone	3	-	-	0-2	0-2	-	-	0-2	0-2
564	1,2-Naphthoquinone	1	-	-	0-2	0-2	-	-	0-2	0-2
565	1,4-Naphthoquinone pract.	0.5	-	-	0-2	0-2	-	-	0-2	0-2
566	1,4-Naphthoquinone, 2,3-dichloro- ("PHYGON TECHNICAL," 95% active)	3	-	-	0-2	0-2	-	-	0-2	0-2
567	9,9-dimethoxy-5,8-endomethylene-5,6,7,8-tetrachloro-5,6,7,8-tetrahydro-	9	-	-	-	-	-	-	-	-
568	2-methyl	3	-	-	0-1	0-1	0-1	-	0-1	1-2
569	1-Nicotine	2	-	-	0-2	0-2	-	-	0-2	0-2

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
570	Nicotine; complex with ½ f. wt. of cadmium thiocyanate	4	-	-	0-2	0-2	-	-	0-2	0-2
571	complex with 1 f. wt. copper (1) thiocyanate	7	2-3	3-4	2-3	4-5	-	-	1-2	2-3
572	complex with 1 g. wt. of thiocyanic acid and 1 f. wt. of copper (11) thiocyanate	3	2-3	-	0-1	3-4	-	-	0-1	1-2
573	complex with 1 f. wt. of thiocyanic acid and ½ f. wt. of manganese (11) thiocyanate	1	-	-	-	-	-	-	-	-
574	Nicotinic acid	10	-	-	-	-	-	-	-	-
575	p-Nitrobenzyl bromide	2.5	1-2	-	2-3	2-3	2-3	3-4	3-4	4-5
576	Nonylamine, N-(1,1,3,3-tetramethyl-butyl)-; complex with ½ f. wt. fluosilicic acid	10	-	-	0-2	0-2	-	-	0-2	0-2
577	1-Nonyne, 3-dimethylamino-	1	0-1	1-2	0-1	6-7	2-3	3-4	6-7	6-7
578	Nordicyclopentane, x-bromo-x,x-dichloro-	5	12-20	-	-	-	0-2	-	2-3	-
579	9-Octadecenylamine, N,N-dimethyl-	1	-	-	-	-	-	-	-	-
580	Octane, 3,6-dibromo-	3	-	-	-	-	-	-	-	-
581	Octanoic acid; 2-cyano-2-propyl ester	8	-	-	0-1	0-1	0-1	0-1	6-7	12-20
582	2-(2-thiocyanoethoxy) ethyl ester	3	1-2	-	-	-	-	-	-	-
583	2-Octaneamine, N-(1,1,3,3-tetramethyl-butyl)-5,5,7,7-tetramethyl-	3	-	-	0-1	0-1	0-1	0-1	1-2	-
584	4-Octen-1-yne, 4-ethyl-3-sorboxy-	3	-	-	-	-	-	-	-	-
585	Octofolline	2	1-2	3-4	4-5	-	3-4	4-5	7-8	-
586	Octylphenol-formaldehyde polymer and cyclohexylamine	2	2-3	-	8-9	-	-	-	-	-
587	1-Octyne, 4-ethyl-3-hydroxy-	10	0-1	0-1	-	-	0-1	0-1	1-2	6-7
588	3-[methyl-(2-dimethylaminoethyl) amino]-6,7,7-trimethyl-	10	-	-	0-2	0-2	-	-	0-2	0-2
589	Oleic acid; 4-tert-butyl-2,6-dinitro-phenyl ester	1	-	-	-	-	-	-	-	-
590	phenylmercury salt, 10% Hg ("NUODEX PHO 10")	3	-	-	0-1	0-1	-	-	1-2	2-3
591	Oxamide, N,N'-diisopropyl-	10	-	-	-	-	-	-	-	-
592	Oxanilic acid, copper (11_ salt	8	1-2	-	3-4	4-5	-	-	-	-
593	1-Oxazolidinone, 5-morpholinomethyl-3-(5-nitro-furfurylidene-amino)- ("FURALTADONE")	10	-	-	-	-	-	-	-	-
594	Paraffin, nitro-; insecticide ("DILAN") (25% active)	10	-	-	-	-	-	-	-	-
595	2,4-Pentanedione, phenylmercurate	4	-	-	4-5	4-5	-	-	6-7	-
596	1-Pentene, 3-hydroxy-4-methyl-	2	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
597	3-Pentenenitrile, 2-hydroxy-; p-chlorobenzoate	3	0-1	0-1	1-2	2-3	-	-	1-2	4-5
598	3-Pentenenitrile,2-hydroxy-; crotonate	4	-	-	0-1	0-1	0-1	-	1-2	3-4
599	furoate	3	0-1	-	1-2	1-2	-	-	2-3	3-4
600	2-Pentenoic acid, ethyl 2-cyano-3-ethyl ester	3	-	-	-	-	-	-	-	-
601	Percarbamic acid, dimethyltrithio-; butyl ester	3	-	-	0-1	0-1	-	-	2-3	2-3
602	Phenanthronequinone	0.5	-	-	0-1	3-4	-	-	3-4	-
603	o-Phenanthroline	10	0-2	0-2	13-21	13-21	-	-	-	-
604	Phenazine	10	-	-	-	-	-	-	-	-
605	d-Phenethylamine, N,α-dimethyl-; hydrochloride (U.S.P.)	10	-	-	7-8	-	-	-	2-3	-
606	Phenetole, β-bromo-4-nitro-	10	4-5	7-8	-	-	7-8	-	-	-
607	β-chloro-2-methyl-	10	0-1	0-1	13-21	-	-	-	2-3	-
608	4,β-chloro-	10	1-2	-	-	-	-	-	2-3	-
609	Phenol; 4-amino-1-phenyl-	7	-	-	2-3	2-3	2-3	-	2-3	3-4
610	m-bromo-	1	4-5	4-5	5-6	6-7	-	-	-	-
611	4-bromo	1	-	-	-	-	-	-	-	-
612	4-bromo-2-chloro-6-nitro-	0.5	-	-	-	-	-	-	-	-
613	x-bromo-2-(1-methylheptyl)-x-nitro-; acetate	1	-	-	-	-	-	-	-	-
614	2-bromo-4-methyl-6-nitro-	0.5	-	-	-	-	3-4	-	-	-
615	2-bromo-4-nitro-	2	-	-	-	-	-	-	-	-
616	3-bromo-nitration of crude product from:	2	-	-	-	-	-	-	-	-
617	2-bromo-4-phenyl-; sodium derivative	3	1-2	1-2	-	-	10-11	13-21	-	-
618	4-(2-butenyl)-	1	-	-	-	-	-	-	-	-
619	4-sec-butyl-	1	1-2	-	0-1	-	-	-	13-21	-
620	acetate	1	13-21	-	-	-	-	-	-	-
621	4-tert-butyl-2-chloro-	2	1-2	1-2	-	-	4-5	-	-	-
622	4-tert-butyl-2,6-dichloro-	1	-	-	-	-	-	-	-	-
623	2-sec-butyl-x,x-dinitro- ("DOW GENERAL WEED KILLER")	1	-	-	5-6	-	-	-	-	-
624	4-tert-butyl-2,6-dinitro-	1	13-21	-	13-21	-	-	-	-	-
625	acetate	1	-	-	0-2	0-2	-	-	0-2	0-2
626	compound with pyridine	2	-	-	1-2	2-3	-	-	5-6	7-8
627	4-tert-butyl-2-nitro-	5	-	-	-	-	-	-	-	-
628	2-capryl-; salt with cetyldimethyl-amine	2	6-7	-	7-8	7-8	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
629	2-capryl-6-crotonyl-	5	6-7	-	13-21	13-21	6-7	-	5-6	13-21
630	x-capryl-x,x-dinitro; salt with cetylamine, N,N-dimethyl	1	-	-	1-2	4-5	-	-	8-9	-
631	4-chloro-	1	-	-	-	-	1-2	-	2-3	-
632	cetyldimethylamine salt	2	-	-	-	-	-	-	13-21	-
633	2-chloromercuri-	1	-	-	13-21	-	-	-	5-6	6-7
634	x-chloro-2-(1-methylheptyl)-	2	-	-	-	-	5-6	-	10-11	-
635	x-nitro	1	-	-	0-2	2-3	-	-	0-2	5-6
636	acetate	3	-	-	11-21	11-21	-	-	11-21	-
637	2-chloro-4-nitro-	2	-	-	-	-	-	-	-	-
638	3-chloro-4-nitro-	3	-	-	-	-	-	-	-	-
639	4-chloro-2-nitro-	4	-	-	-	-	-	-	-	-
640	5-chloro-2-nitro-	0.5	-	-	-	-	-	-	-	-
641	2-chloro-4-(1,1,3,3-tetramethylbutyl)-	1	-	-	-	-	-	-	5-6	-
642	2-cyclohexyl-x,x-dinitro (DN Dry Mix No. 1")	1	-	-	0-2	2-3	10-11	-	5-6	11-12
643	2-cyclohexyl-4,6-dinitro-	1	-	-	0-2	0-2	-	-	5-6	5-6
644	4-cyclohexyl-2,6-dinitro-	0.5	-	-	2-3	2-3	-	-	2-3	2-3
645	acetate	1	-	-	0-2	0-2	-	-	0-2	0-2
646	o-cyclopentenyl-	2	-	-	-	-	-	-	-	-
647	p-cyclopentenyl-	1	-	-	-	-	-	-	-	-
648	2,4-dichloro-	1	-	-	-	-	-	-	-	-
649	3,4-dichloro-	2	-	-	0-2	0-2	0-2	-	0-2	-
650	2,5-dichloro-4-nitro-	1	-	-	-	-	-	-	-	-
651	4,5-dichloro-2-nitro-	0.5	-	-	-	-	-	-	-	-
652	2,4-dinitro-	1	-	-	-	-	-	-	11-21	-
		6	-	-	-	-	-	-	-	-
653	2,5-dinitro-	1	-	-	-	-	-	-	-	-
654	2,6-dinitro-	10	-	-	-	-	-	-	-	-
655	p-(2,4-dinitroaniline)	7	-	-	5-6	-	-	-	11-21	11-21
656	2,6-dinitro-4-chloro-	5	-	-	-	-	-	-	-	-
657	2,4-dinitro-6-hexyl	1	-	-	2-3	2-3	2-3	-	2-3	5-6
658	2,6-dinitro-4-hexyl-; sodium derivative	2	-	-	0-2	0-2	0-2	-	0-2	2-3
659	x,x-dinitro-x-(1-methylheptyl)-; crotonate	1	-	-	0-2	2-3	-	-	5-6	5-6
660	2,4-dinitro-6-phenyl-	1	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
661	2,6-dinitro-4-(1,1,3,3-tetramethyl-butyl)-; copper (11) derivative	1	-	-	-	-	-	-	11-21	-
662	2,6-dinitro-4-(1,1,3,3-tetramethyl-butyl)-; sodium salt	3	-	-	0-2	-	11-21	-	-	-
663	3-isopropyl-	3	-	-	-	-	-	-	-	-
664	4-isopropyl-	1	-	-	-	-	-	-	-	-
665	N-lauryl p-amino- ("SUCONOX 12") tech.	10	-	-	-	-	-	-	-	-
666	2-(1-methylheptyl)-x-nitro-; acetate	1	-	-	-	-	-	-	-	-
667	4-(2-naphthlamino)-	3	1-2	1-2	5-6	5-6	5-6	5-6	6-7	8-9
668	m-nitro-	10	-	-	-	-	-	-	-	-
669	p-nitro-	10	-	-	-	-	-	-	-	-
670	2-nitro-4-phenylazo-	1	-	-	-	-	-	-	-	-
671	4-(4-nitrophenylazo)-	2	1-2	1-2	5-6	6-7	5-6	-	5-6	6-7
672	2-nitro-4-(1,1,3,3-tetramethyl-butyl)-; acetate	2	-	-	-	-	-	-	-	-
673	N-nonane-p-amino ("SUCONOX-9")	10	-	-	-	-	-	-	-	-
674	x-nonyl-	3	-	-	0-2	0-2	-	-	2-3	2-3
675	pentachloro	0.5	5-6	-	5-6	6-7	6-7	-	6-7	8-9
676	2-phenyl-; sodium salt ("DOWICIDE A")	10	0-2	0-2	5-6	5-6	0-2	-	0-2	2-3
677	N-Stearoyl p-amino- ("SUCONOX 18")	10	-	-	-	-	-	-	-	-
678	2,3,4,6-tetrachloro- ("DOWICIDE 6")	1	-	-	8-9	-	11-21	-	8-9	9-10
679	4-(1,1,3,3-tetramethylbutyl)-; *sodium derivative*	1	5-6	6-7	11-21	-	-	-	7-8	-
680	2,2'-thiobis [4-tert-butyl-	2	-	-	8-9	11-21	-	-	-	-
681	2,2'-thiobis [4,6-dichloro- ("ACTAMER")	2	-	-	0-2	0-2	-	-	0-2	0-2
682	2,4,6-tribromo-	0.5	-	-	-	-	-	-	-	-
683	trichloro	0.5	-	-	-	-	-	-	-	-
684	2,4,5-trichloro- ("DOWICIDE 2")	1	11-21	11-21	-	-	-	-	-	-
685	2,4,6-trichloro- ("DOWICIDE 2S")	1	-	-	-	-	-	-	-	-
686	2,3,6-trichloro-4-nitro-	4	-	-	-	-	-	-	-	-
687	2,4,6-triiodo-	2	0-1	0-1	5-6	-	0-1	0-1	2-3	6-7
688	Phenothiazine, 3-thiocyano-	2	-	-	0-1	0-1	1-2	1-2	4-5	4-5
689	5-Phenylhydantoin, 5-bromo	10	-	-	7-8	-	-	-	11-21	-
690	5-ethylmercapto-	3	-	-	-	-	-	-	-	-
691	4-Phenyl phenacyl bromide	2	-	-	0-1	0-1	0-1	-	0-1	1-2
692	Phosphoric acid; bis(2-butoxyethyl) 2,2-dichlorovinyl ester	5	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
693	bis(tetrahydrofurfuryl) 2,2-dichlorovinyl ester	7	-	-	-	-	-	-	-	-
694	p-chlorobenzene diazonium hexafluoro- ester ("PHOSFLUOROGEN A")	5	-	-	5-6	5-6	-	-	11-21	-
695	2,2-dibromoethyl diethyl ester	2	-	-	-	-	-	-	-	-
696	1,2-dichloroethyl diethyl ester	5	-	-	7-8	-	-	-	0-1	0-1
697	2,2-dichlorovinyl tetramethylene ester	1	-	-	5-6	5-6	-	-	1-2	5-6
698	O,O, dimethyl 2,2,2, trichloro-1-n-butyryl-oxyethyl- ester "Butonate" 25% emulsifiable concentrate	8	-	-	11-21	11-21	-	-	-	-
699	thiono; di(2-chloroethyl) p-nitrophenyl ester	7	1-2	8-9	11-21	11-21	1-2	1-2	5-6	6-7
700	Phosphorothioic acid; O,O-diethyl S-(2,2-dichlorovinyl) ester	4	-	-	5-6	5-6	-	-	0-2	0-2
701	O,O,O,O'-tetraethyl S,S' methylene bis- ester (DL-ETHIONINE")	10	-	-	-	-	-	-	-	-
702	Phthalic acid; 2-chloroethyl ester, copper (11) salt	5	7-8	-	4-5	8-9	-	-	1-2	8-9
703	2-Picolinium, 1-(4-amino-2-N-propyl-5-pyrimid-inylmethyl)-; chloride, hydrochloride (AM-PROL")	10	-	-	-	-	-	-	-	-
704	Piperidinium, (3-carbamoyl-3,3-diphenyl-propyl)-1,2,6-trimethyl-; bromide	10	-	-	-	-	7-8	-	-	-
705	Podophyllin	3	-	-	-	-	-	-	-	-
706	Polymeric compound, long chain cationic ("VANZAK RA")	4	-	-	-	-	-	-	-	-
707	Polysulfide, di(butylcarbityl)-	10	-	-	-	-	-	-	-	-
708	Potassium azide	10	-	-	-	-	-	-	-	-
709	Potassium fluorosulfinate	10	-	-	-	-	-	-	-	-
710	Potassium tetrafluoroarsenite	5	-	-	-	-	-	-	-	-
711	Potassium xanthogenate	10	-	-	-	-	-	-	-	-
712	Propane, 1-amino-1-phenyl-3-piperasino-	8	7-8	8-9	8-9	11-21	9-10	9-10	11-21	11-21
713	2-Propanol, 1-(p-cyclohexylphenoxy)-	10	12-16	-	16-24	16-24	-	-	-	-
714	Propanol, 2,3-dimercapto-	10	-	-	-	-	-	-	-	-
715	2-Propene-1-ol, 2-chloro-	10	-	-	-	-	-	-	16-24	16-24
716	β-Propiolactone modified rosin	10	-	-	48-52	-	-	-	-	-
717	Propionic acid; 3-chloro-4-(1,1-dimethylpropyl) phenyl ester	5	0-1	-	1-2	1-2	-	-	0-1	0-1
718	Propionphenone, 2,3-dibromo-3-phenyl-	10	-	-	-	-	-	-	-	-
719	4'-hydroxy- (pure)	10	-	-	-	-	-	-	-	-
720	3-piperidino-; hydrochloride	10	-	-	0-1	0-1	1-2	1-2	3-4	4-6

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
721	3-pyrrolidino-; hydrochloride	10	0-1	0-1	3-4	6-8	-	-	6-8	-
722	Pseudothiuronium compounds; S-(3,4-dichloro-benzyl)----chloride	10	0-1	0-1	1-2	1-2	2-3	2-3	3-4	3-4
723	Pseudourea, thiocyanate	10	-	-	0-1	0-1	-	-	0-1	0-1
724	hydrochloride	2	0-1	0-1	-	-	-	-	1-2	1-2
725	1,3-diethyl-2-dodecyl-2-thio-; hydrobromide	2	0-1	0-1	1-2	1-2	0-1	0-1	1-2	1-2
726	hydrochloride	2	-	-	12-16	16-24	-	-	16-24	16-24
727	1,3-dimethyl-2-dodecyl-2-thio-; hydrobromide	2	-	-	0-1	0-1	2-3	2-3	3-4	4-6
728	1,3-dimethyl-2-hexadecyl-2-thio-; hydroiodide	2	-	-	8-12	12-16	-	-	-	-
729	hydrobromide	2	-	-	8-10	-	-	-	8-10	-
730	hydrochloride	5	-	-	0-1	16-24	-	-	-	-
731	7-Pteridinediol, 2-mercapto-6-methyl-4	5	-	-	-	-	-	-	-	-
732	Pyrazine, 2-(n-phenyl-N-methylamino)-3-methyl-	10	-	-	-	-	-	-	-	-
733	5-Pyrazolol, 3-methyl-; ester with di (O-ethyl thiophosphoric acid)	10	-	-	-	-	-	-	-	-
734	Pyrazolone, 4,4'-methylenebis[1-phenyl-3-methyl-	5	-	-	-	-	-	-	-	-
735	Pyrene	8	-	-	-	-	-	-	-	-
736	Pyridine, [(9(or 10)-azaanthracene, dibenzo [b, e]- ("ACRIDINE")	5	0-1	0-1	1-2	1-2	0-1	0-1	6-8	6-8
737	2-(2-diallylaminoethyl)-	10	-	-	-	-	-	-	-	-
738	2,6-diamino-	10	1-3	-	3-4	3-4	6-8	6-8	6-8	8-12
739	2-styryl	10	0-1	0-1	12-16	12-16	0-1	0-1	8-12	12-16
740	2-Pyridinethiol-1-oxide-; sodium salt ("VANCIDE NP")	10	-	-	4-6	4-6	4-6	4-6	4-6	6-8
741	Pyridinium compounds; 1-allyl---- diisopropylbenzenesulfonate	5	-	-	-	-	-	-	-	-
742	dodecylbenzyl----chloride	2	-	-	4-6	8-12	-	-	4-6	8-12
743	kerylbenzyl----chloride	10	-	-	-	-	-	-	8-12	16-24
744	Pyrimidine, 2-chloro-4-dimethylamino-6-methyl-	5	-	-	-	-	-	-	-	-
745	5H-1-Pyrindin-2-ol, 4-acetamido-6,7-dihydro-; acetate	5	-	-	-	-	-	-	-	-
746	Pyronin Y	10	-	-	6-8	12-16	-	-	6-8	6-8
747	Pyrophosphoric acid; tetralead salt and dilead salt	10	-	-	-	-	-	-	-	-
748	monothiono-; tetrabutyl ester	10	-	-	-	-	-	-	-	-
749	Pyrrole, 5,5'-dithiobis [1-methyl-2-(3-pyridyl)]	5	4-6	4-6	6-8	6-8	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
750	N-(4-thiocyano)-	2	-	-	0-1	0-1	0-1	0-1	1-2	1-2
751	3-Pyrrolecarboxylic acid, 5,5'-,5''-methylidynetris (2,4-dimethyl); triethyl ester	2	-	-	-	-	-	-	-	-
752	2,4-Pyrroledicarboxylic acid, 3,5-dimethyl-; diethyl ester	8	0-1	0-1	-	-	-	-	-	-
753	Pyrrolidinium compoounds; 1-dodecyl-1-methyl-2-(3-pyridyl)----oleate	5	-	-	-	-	-	-	16-24	-
754	p-toluenesulfonate	2	-	-	3-4	-	2-3	2-3	2-3	3-4
755	2-Pyrrolidone, N-(nitro-2-furfuryl-idene)-1-amino-	10	-	-	24-48	-	-	-	-	-
756	Quinaldine	10	0-1	0-1	-	-	0-1	0-1	-	-
757	Quinoline, 5-amino-	10	-	-	-	-	-	-	-	-
758	7-chloro-4-(4-diethylamino-1-methyl-butyl-amino)-; diphosphate	4	-	-	-	-	-	-	-	-
759	8-chloro-5-nitro-	5	1-2	1-2	-	-	-	-	-	-
760	4,7-dichloro-	10	-	-	-	-	-	-	-	-
761	4,7-dichloro-2-phenyl-	10	-	-	-	-	-	-	8-11	-
762	8-hydroxy-	10	16-21	16-21	-	-	-	-	-	-
763	Quinolinium compounds; alkyl methyl isoquinolinium chloride (50% active) ("AMMONYX-781")	5	6-8	-	12-14	12-14	3-4	-	3-4	3-4
764	8-Quinolinol, 5-chloro-7-iodo-	5	-	-	6-8	8-12	0-1	-	2-3	-
765	Resorcinol, acetate laurate	10	-	-	3-4	-	-	-	-	-
766	4-chloro-	10	0-1	0-1	1-2	1-2	1-2	1-2	6-8	6-8
767	dihydrodimethyl-; dimethylcarbamate	10	-	-	-	-	-	-	16-23	-
768	tetrachloro- (crude)	2	-	-	-	-	-	-	-	-
769	2,4,6-tribromo-	8	-	-	-	-				
770	Rhodamine 6 GDN	10	-	-	12-16	-	-	-	-	-
771	Rhodanine, x-benzylidene-	2	-	-	8-12	-	-	-	16-22	-
772	5-cinnamylidene-	5	-	-	1-2	1-2	2-3	-	4-6	2-3
773	4-isobutylidene-	5	-	-	-	-	-	-	-	-
774	5-(1,1,3,3-tetramethylbutylamino-methylene)-	10	-	-	-	-	-	-	-	-
775	Ricinoleic acid; sodium salt	5	-	-	-	-	-	-	-	-
776	Rosin amine D, pentachlorophenate	2	-	-	0-1	0-1	0-1	0-1	1-2	1-2
777	Safranin light green	10	0-1	0-1	3-4	6-8	0-1	0-1	6-8	-
778	Safrole	5	-	-	-	-	-	-	-	-
779	Salicylanilide, 3'-bromo-3-nitro-	0.5	-	-	-	-	-	-	-	-
780	4'-bromo-3-nitro-	5	-	-	1-2	2-3	-	-	4-6	6-8
781	4'-chloro-3-acetylamino-	1	0-1	-	0-1	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
782	2'-chloro-3-nitro-	1	-	-	-	-	-	-	-	-
783	2'-chloro-5-nitro-	5	-	-	0-1	0-1	-	-	3-4	12-14
784	3'-chloro-3-nitro-	1	-	-	-	-	-	-	-	-
785	3'-chloro-5-nitro-	5	-	-	16-23	16-23	-	-	-	-
786	4'-chloro-3-nitro-	10	-	-	-	-	-	-	-	-
787	4'-chloro-5-nitro-	5	-	-	3-4	12-14	12-14	-	12-16	16-24
788	4'-chloro-5-nitro; 3'-chloro-5-nitro-; 4'-chloro-3-nitro; and 3'-chloro-3-nitro-; mixture ("SALCIDE")	2	-	-	-	-	-	-	-	-
		5	-	-	0-1	0-1	-	-	2-3	3-4
789	4'-fluoro-3-nitro-	5	-	-	12-14	12-16	-	-	12-14	12-16
790	4'-fluoro-5-nitro-	10	-	-	-	-	-	-	-	-
791	3'-iodo-3-nitro-	1	-	-	-	-	-	-	-	-
792	sodium 3,5,3',4'-tetrachloro- (Sodium salt of TCSA)	2	-	-	0-1	0-1	-	-	0-1	0-1
793	Salicylic acid, p-chlorophenyl ester	5	-	-	3-4	3-4	-	-	-	-
794	diisopropylbenzyl ester	5	-	-	-	-	-	-	-	-
795	ethylmercurithio ester sodium salt	3	-	-	-	-	-	-	15-22	15-22
		5	26-48	-	26-48	48-58	8-12	-	8-12	12-16
		7	22-26	-	16-22	22-16	-	-	8-12	8-12
		10	-	-	12-15	12-15	-	-	6-7	6-7
796	x-iodo-	5	-	-	-	-	-	-	-	-
797	5-isopropyl-; copper (11) derivative	5	-	-	12-14	12-16	-	-	12-14	12-16
798	Saponin	10	-	-	-	-	-	-	-	-
799	Sebacic acid; bis(cyclohexane-2-one-1-yl) ester	5	-	-	-	-	-	-	-	-
800	diallyl ester	5	-	-	6-8	8-12	-	-	3-4	8-12
801	diester with 2-hydroxy-2-methyl-propinonitrile	2	0-1	0-1	2-3	2-3	6-8	-	-	-
802	diester with 3,3,3-trichloroacto-nitrile	5	-	-	-	-	-	-	-	-
803	Selenocyanic acid, 2-phthalimidoethyl ester	2	-	-	0-1	0-1	0-1	-	0-1	0-1
804	Semicarbazide; thio-	5	-	-	-	-	-	-	-	-
805	Serjania glabrata, dried root, ground (water)	3	-	-	-	-	-	-	-	-
806	Sodium azide	1	-	-	-	-	-	-	-	-
807	Sodium ethyl xanthate	10	-	-	-	-	-	-	-	-
808	Sodium methallyl sulfonate	10	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
809	Sodium β-methyl-naphthalene sulfonate	10	-	-	-	-	-	-	-	-
810	Sodium phenanthrene sulfonate	10	-	-	-	-	-	-	-	-
811	Sodium rimocidin	10	-	-	-	-	-	-	-	-
812	Sodium rosinate 45%	10	-	-	-	-	-	-	-	-
813	Sodium salt of Cr 978	2	0-1	0-1	-	-	-	-	-	-
814	Sorbic acid; 2-ethyl-2-hexenyl ester	5	-	-	-	-	-	-	-	-
815	Stearamide, N,N'-m-phenyl enebis	10	-	-	-	-	-	-	-	-
816	Stilbene, trans 4,4'-dihydroxy- α,β-diethyl- (diethyl stilbestrol)	10	0-1	-	1-2	1-2	0-1	0-1	1-2	3-4
817	2,4,6-trinitro-	5	-	-	-	-	-	-	-	-
818	trinitro chloro-	8	-	-	-	-	-	-	-	-
819	x,x-Stilbenedisulfonic acid, tetrazo-	2	-	-	-	-	-	-	-	-
820	Strobane technical grade	5	1-2	-	1-2	2-3	8-11	-	2-3	16-21
		10	-	-	1-2	1-2	1-2	1-2	2-3	8-11
821	Strobane 50% wettable powder	10	-	-	2-3	2-3	3-4	2-3	4-6	16-21
822	Styrene, 4-chloro-β-nitro-	2	-	-	0-1	0-1	-	-	1-2	1-2
823	2,4-dichloro-β-nitro-	2	0-1	-	0-1	0-1	0-1	-	1-2	1-2
824	2,4-dimethoxy-β-nitro-	2	1-2	1-2	2-3	3-4	-	-	2-3	3-4
825	α-nitro-	2	-	-	0-1	0-1	0-1	0-1	1-2	1-2
826	Succinic acid, sulfa-dioctyl ester sodium salt	8	-	-	-	-	-	-	-	-
827	alkenyl-; amminecopper complex; alkenyl- C_8C_8	8	-	-	-	-	-	-	12-15	12-15
828	alkenyl-; amminecopper complex; alkenyl- C_8C_{10}	10	-	-	2-3	4-6	-	-	26-48	26-48
829	amminesilver complex	5	-	-	0-1	1-2	-	-	4-5	6-7
830	Sulfamic acid, ammonium salt	10	6-8	6-8	8-12	12-16	4-6	-	1-2	6-8
831	dimethyl-p-chlorophenyl ester	5	-	-	-	-	-	-	-	-
832	Sulfanilic acid; N-acetyl-	10	-	-	-	-	-	-	-	-
833	Sulfide, bis(5-benzyl-2-hydroxyphenyl)	2	-	-	16-23	-	-	-	-	-
834	bis(5-chloro-2-hydroxyphenyl); bis (dimethyl-amino butenyl) sulfide mono salt	2	-	-	0-1	0-1	0-1	-	0-1	0-1
835	2-methyl-2-pentenylamine salt	2	-	-	0-1	0-1	-	-	1-2	1-2
836	1,1,3,3-tetramethylbutylamine mono salt	2	-	-	0-1	0-1	1-2	-	0-1	2-3
837	3,5,5-trimethylhexylamine mono salt	2	-	-	0-1	0-1	0-1	-	1-2	2-3
838	bis(5-chloro-2-hydroxy-3-trichloro-methylmercapto aminophenyl)	8	-	-	-	-	-	-	-	-
839	bis(4-hydroxy-3-biphenylyl)	5	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
840	bis(4-hydroxyphenyl)	5	0-1	0-1	6-8	6-8	0-1	2-3	-	-
841	bis(p-4-nitrobenzyloxyphenyl)	10	-	-	-	-	-	-	-	-
842	bis[2-p-nitro benzyloxy-5-(1',1', 3',3'-tetramethylbutyl) phenyl]	10	-	-	-	-	-	-	-	-
843	bis(4-nitrophenyl)	10	-	-	-	-	-	-	-	-
844	2-chlorocyclohexyl 2,4-dinitrophenyl	2	-	-	-	-	-	-	-	-
845	4-chlorophenyl phenyl	3	-	-	-	-	-	-	-	-
846	2,4-dinitrophenyl ethyl	2	-	-	-	-	-	-	-	-
847	Sulfone, dioctyl (mixture of isomers)	10	-	-	-	-	-	-	-	-
848	Sulfoxide, bis(4-hydroxyphenyl)	10	-	-	-	-	-	-	-	-
849	bis 4-(2-methylallyloxy) phenyl	10	1-2	-	2-3	2-3	12-16	12-16	-	-
850	Sulfoxylic acid; anilinomethyl ester	10	-	-	-	-	-	-	6-12	-
851	anilinomethyl ester, zinc salt	4	-	-	-	-	-	-	-	-
852	Syringic acid, hydrazide	2	-	-	-	-	-	-	-	-
853	Tarter emetic	10	-	-	-	-	-	-	-	-
854	7-Tetradecyne, 2,2,4,11,13,13-hexa-methyl-6,9-bis- (dimethylamino)-	2	-	-	6-12	-	-	-	-	-
855	hydrochloride disalt	10	-	-	-	-	-	-	-	-
856	hydrochloride mono salt	5	-	-	-	-	-	-	-	-
857	laurylmonosulfate disalt	10	-	-	16-22	16-22	-	-	-	-
858	methanesulfonic acid mono salt	5	-	-	-	-	-	-	-	-
859	monochloroacetic acid disalt	10	-	-	-	-	-	-	-	-
860	2,2,4,11,13,13-hexamethyl-6-di-methylamino-9-dinonyl (D-1) amino-	10	-	-	1-2	1-2	1-2	2-3	2-3	3-5
861	2,2,4,11,13,13-hexamethyl-6-di-methylamino-9-morpholino-	10	-	-	-	-	-	-	-	-
862	2,2,4,11,13,13-hexamethyl-6,9-[methyl-(β-dimethylaminoethyl)]-	2	-	-	1-2	1-2	3-5	-	5-7	-
863	Tetraiodofluorescein	10	0-1	-	0-1	1-3	1-2	3-5	-	-
864	Tetramethylene-sulfo-tetramine	2	0-1	1-2	1-2	2-3	-	-	5-6	5-6
865	Tetrazolium compounds; 2-tetrazoline, 1-benzyl-5-imino-4-octyl-; ditartrate hydrate	2	0-1	1-2	1-2	1-2	2-3	-	3-5	3-5
866	1,2,4-thiadiazole, 3,5-dibenzylthio-	10	-	5-7	5-7	-	-	-	6-12	12-16
867	Thiocyanic acid; 4-acetamido-3-nitro-phenyl ester	2	2-3	2-3	3-5	3-5	2-3	-	5-7	6-12
868	4-acetamido-3-(2-phenoxyethoxy) phenyl ester	2	0-1	0-1	2-3	2-3	1-2	1-2	2-3	3-5
869	2-amino-5-biphenylyl ester	2	0-1	0-1	1-2	1-2	1-2	-	2-3	2-3
870	4-amino-3-hydroxyphenyl ester, p-toluenesulfonate	2	0-1	0-1	1-2	1-2	0-1	2-3	1-2	5-7

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
871	4-amino-3-nitrophenyl ester	2	0-1	0-1	0-1	0-1	0-1	-	1-2	1-2
872	4-aminophenyl ester	2	-	-	-	-	-	-	16-22	-
873	p-benzoylbenzyl ester	2	-	-	6-12	-	-	-	-	-
874	benzyl ester	2	1-2	1-2	2-3	2-3	2-3	-	3-5	5-6
875	4-benzylideneamino-3-methylphenyl ester	2	0-1	0-1	1-2	1-2	1-2	-	2-3	-
876	2-benzyloxy-5-tert-butyl-3-nitro-benzyl ester	2	2-3	2-3	3-5	-	-	-	-	-
877	2-(2-benzyloxyethoxy) ethyl ester	10	0-1	0-1	5-6	-	3-5	-	5-6	-
878	4-biphenylyl ester	2	0-1	0-1	0-1	0-1	0-1	1-2	2-3	2-3
879	2-(2-biphenylyloxy) ethyl ester	2	0-1	0-1	2-3	2-3	2-3	6-12	3-5	6-16
880	2-[2-(p-bromo-p-tert-butylphenoxy) ethoxy] ethyl ester	5	0-1	0-1	2-3	2-3	1-2	1-2	3-5	3-5
881	4-[2-(2-butoxyethoxy) ethylamino] phenyl ester	2	0-1	0-1	0-1	0-1	2-4	2-4	3-5	5-6
882	3-chloro-4-dimethylaminophenyl ester, 3-tert-butyl-6-hydroxy-benzenesulfonate	2	0-1	0-1	0-1	0-1	0-1	1-2	2-3	3-5
883	2-[2-(2-chloroethoxy) ethoxy] ethyl ester	10	-	-	-	-	-	-	-	-
884	3-(2-cyclohexylphenoxy) propyl ester	10	-	-	2-3	3-5	-	-	-	-
885	3,5-dichloro-4-dimethylaminophenyl ester	2	0-1	0-1	0-1	0-1	0-1	0-1	2-3	5-6
886	2-[2-(4-[1,1-dimethylpropyl]-2-nitro-phenoxy) ethoxy]ethyl ester	1	-	-	-	-	-	-	-	-
887	2-[4-(1,1-dimethylpropyl) phenoxy ethyl] ester	2	-	-	-	-	-	-	-	-
888	2,4-dinitrophenyl ester	2	-	-	-	-	-	-	-	-
889	2-ethoxyethyl ester	10	-	-	-	-	-	-	-	-
890	ethylene glycol diester	3	-	-	-	-	-	-	-	-
891	4-(2-hydroxyethylamino) phenyl ester	2	-	-	8-12	8-12	-	-	-	-
892	1-(2-hydroxy) naphthyl ester	3	0-1	0-1	-	-	0-1	0-1	-	-
893	1-(4-hydroxy) naphthyl ester	2	0-1	0-1	0-1	1-2	1-2	1-2	2-3	3-5
894	p,p'-iminodiphenyl diester	2	0-1	-	0-1	1-2	3-5	-	3-5	4-6
895	p-methoxybenzyl ester	10	-	-	-	-	-	-	-	-
896	6-(2-methylallylamino)-m-tolyl ester	2	0-1	0-1	1-2	2-3	-	-	6-8	8-12
897	2-(o-2-methylallylphenoxy) ethyl ester	3	0-1	0-1	1-2	1-2	3-4	3-4	4-6	4-6
898	2-[2-(2-p-nitrophenoxyethoxy) ethoxy] ethyl ester	2	-	-	0-1	0-1	12-16	-	-	-
899	2-(p-nitrophenoxy) ethyl ester	2	1-2	2-3	2-3	3-5	3-5	-	3-5	4-6
900	p-nitrophenyl ester	2	0-1	1-2	1-2	2-3	0-1	2-3	4-6	6-8

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
901	2-[2-(p-1,1,3,3-tetramethylbutyl-o-nitrophenoxy) ethoxy ethyl] ester	5	1-2	1-3	2-3	4-6	-	-	16-23	-
902	Thiolutin	2	-	-	8-12	8-12	-	-	8-12	8-12
		5	7-8	7-8	8-9	8-9	-	-	3-5	3-5
903	Thiourea, N-methyl-	10	-	-	-	-	-	-	-	-
904	trialkyl ("THIATE B")	10	-	-	6-8	8-12	-	-	-	-
905	*Thiuronium compounds*; S-decyl-N,N'-ethylene----bromide	2	0-1	0-1	1-2	1-2	4-6	4-6	6-8	8-12
906	S-(3,4-dichlorobenzyl)----iso-heptenate	10	0-1	0-1	1-2	2-3	3-4	3-4	4-6	4-6
907	S-(3,4-dichlorobenzyl)----thio-cyanate	10	0-1	-	0-1	1-2	2-3	-	3-4	6-8
908	S-dodecyl-N,N'-dimethyl----salt with salicylic acid	2	0-1	-	0-1	1-2	4-6	-	6-8	8-12
909	S-tetradecyl----bromide	2	-	-	-	-	-	-	-	-
910	S-tetradecyl-N,N'-dimethyl----bromide	2	-	-	1-2	1-2	-	-	6-8	-
911	S-1,1,3,3-tetramethylbutylcresoxy-ethoxyethyl-N,N'-dimethyl---- chloride	2	0-1	0-1	1-2	1-2	3-4	-	4-6	8-12
912	Thymol	5	0-1	0-1	4-6	8-12	6-8	6-8	-	-
913	2,6-dinitro-	2	-	-	-	-	-	-	-	-
914	Toluene, α-bromo-p-nitro	5	2-3	2-3	4-6	4-6	4-6	-	6-8	6-8
915	α-chloro-x-decyl-	5	-	-	-	-	-	-	-	-
916	α-chloro-3-nitro-4-methoxy-	10	3-4	6-8	-	-	8-12	-	-	-
917	α-chloro-x-triisopropyl-	10	8-12	8-12	12-16	-	8-12	-	-	-
918	2,6-dinitro-4-amino-	5	0-1	0-1	-	-	4-6	6-8	-	-
919	α-Toluenesulfonamide, p-chloro-N-(7-methloctyl)-	5	3-4	4-6	6-8	8-12	-	-	-	-
920	p-Toluenesulfonanilide	5	-	-	-	-	-	-	-	-
921	N-allyl-	5	0-1	0-1	1-2	1-2	8-12	-	-	-
922	p-Toluenesulfonic acid; alkyltrimethyl-ammonium salt (alkyl = $C_{18}H_{37}$)	2	-	-	1-2	1-2	-	-	3-4	4-6
923	o-Toluenesulfonic acid, 5-amino-	10	-	-	-	-	-	-	-	-
924	p-Toluenesulfonic acid; dinitrocapryl-phenyl ester	2	8-12	-	12-16	12-16	-	-	-	-
925	α-Toluenesulfonic acid, thiol-; benzyl ester	2	-	-	-	-	-	-	-	-
926	o-Toluidine; N-benzyl-	2	12-16	-	-	-	-	-	-	-
927	N-2-methylallyl-	10	8-12	8-12	-	-	-	-	-	-
928	Toxaphene	5	0-1	-	1-2	1-2	1-2	3-4	8-12	8-12
929	Toxaphene (25% active)	5	-	-	1-2	1-2	3-4	3-4	8-12	8-14

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead E		Steelhead D		Sucker E		Sucker D	
930	Toxaphene; 4#(4 lbs. per gal., emul. conc.)	5	0-1	0-1	1-2	1-2	2-3	2-3	8-12	8-12
931	6#(6 lbs. per gal., emul. conc.)	5	1-2	1-2	3-4	3-4	1-2	3-4	8-12	-
932	8#(8 lbs. per gal., emul. conc.)	5	1-2	-	1-2	3-4	1-2	-	1-2	6-8
933	Chipman 6# livestock spray (6 lbs. tech. toxaphene per gal. in mixed petrol. solv. with emuls. agt.)	5	1-2	-	1-2	3-4	1-2	4-6	4-6	8-12
934	Chipman, 20% dust	5	0-1	1-2	1-2	3-4	3-4	3-4	8-12	8-12
935	Chipman, 40% spray powder	5	-	-	1-2	1-2	-	-	8-12	8-12
936	6# gallon emulsion concentrate	5	0-1	0-1	1-2	1-2	-	-	3-4	8-12
937	s-Triazine-2-thione, 4,6-di(n-propyl)-hexahydro-3-phenyl-N-thiocarbamyl-	10	3-4	3-4	6-8	6-8	3-4	8-12	-	-
938	Tridecanoic acid; x-chloro-x-(1-methyl-heptyl)-x-nitrophenyl ester	5	-	-	0-1	0-1	-	-	1-2	3-4
939	4-octyl-2,6-dinitrophenyl ester	5	-	-	2-3	4-6	-	-	-	-
940	Triethylamine; 2-(2,2-bis-p-chloro-phenyl) vinylloxy	5	3-4	3-4	4-6	4-6	3-4	-	4-6	4-6
941	Trisulfide, bis(2-hydroxy-5-chloro-phenyl); mono cyclohexylamine salt	2	-	-	0-1	0-1	-	-	1-2	1-2
942	diphenyl	10	-	-	2-3	3-4	-	-	16-23	-
943	Trypan blue	10	-	-	-	-	-	-	-	-
944	4,6-Undecandione, 3-ethyl-	10	-	-	-	-	-	-	-	-
945	9-Undecanoic acid; 2-thiocyanoethyl ester	10	-	-	-	-	-	-	-	-
946	Urea, x-(3-chlorophenyl)-x-phenyl-	10	-	-	-	-	-	-	-	-
947	x,x-di-3-chlorophenyl-2-thio-	10	8-12	8-12	-	-	12-16	12-16	-	-
948	1,3-diethyl-1,3-diphenyl-	5	1-2	4-6	4-6	8-12	4-6	-	-	-
949	1-ethyl-3-(5-nitro-2-thiazolyl)-("NITHIAZIDE")	10	-	-	-	-	-	-	-	-
950	1-(p-toluenesulfonyl)-3-tridecyl-	10	-	-	1-2	3-4	-	6-8	8-12	8-12
951	Valeric acid, ethyl 2-cyano-2,3-diethyl- ester	10	-	-	-	-	-	-	-	-
952	4-methyl-4-nitro-; ester with 2-furaneglyconitrile	10	-	12-16	-	-	-	-	-	-
953	Valeronitrile, 2,2-diphenyl-4-di-methylamino-	10	-	-	0-1	0-1	0-1	0-1	1-2	1-2
954	Xanthic acid; butyl; carbethoxymethyl ester	2	-	-	1-2	1-2	4-6	4-6	8-12	8-12
955	crotonyl ester	10	-	-	-	-	-	-	-	-
956	pentyl-; ester with glycolamide	5	2-3	4-6	3-4	6-8	4-6	-	6-8	8-12
957	Xanthic anhydrosulfide	2	0-1	0-1	1-2	1-2	2-3	-	1-2	3-4
958	p-Xylene, , '-Dichloro-	2	0-1	-	3-4	3-4	8-12	12-16	12-16	16-24
959	nitro	2	-	-	-	-	-	-	-	-

Table 1. Continued

Rept. No.	Chemical	Conc. mg/l	Steelhead				Sucker			
			E		D		E		D	
960	x-Xylenesulfonic acid; phenyl ester	10	0-1	1-2	1-2	3-4	16-24	-	3-4	-
961	3,5-Xylenol	10	6-8	8-12	8-12	-	8-12	8-12	-	-
962	Yohimibine hydrochloride common name ester of monocarboxilic acids	10	6-8	4-6	12-16	-	1-2	4-6	3-4	6-8
963	Zinc salt of 2-pyridine-thio-1-oxide ("VANCIDE ZP")	10	-	-	6-8	6-8	-	-	8-12	16-24
964	Zinc 2,2'-thiobis(4,6-dichlorophenoxide) ("VANCIDE BZ")	10	0-1	0-1	1-2	1-2	-	-	3-4	8-12

Table 2. The loss-of-equilibrium (E) and death intervals (D) in hours of threespine stickleback, steelhead, trout and sockeye salmon subjected to small doses of fish toxicants.

Rept. No.	Chemical	Conc. mg/L	Stickleback				Steelhead				Sockeye	
			E		D		E		D		E	D
1	Acetaldehyde	30	3-4	-	4-6	-	-	-	-	-		
2	Acetamide, N-benzyl-N- [(p-benzyloxy) phenyl] -	3	2-3	2-3	12-16	12-16	0-1	0-1	1-2	3-4		
3	2-(2,4-dichlorophenoxy)-	7	4-6	4-6	6-8	6-8	1-2	1-2	6-8	6-8		
4	di-(p-chlorophenyl)-	3	6-8	6-8	-	16-24	4-6	6-8	-	16-24		
5	4,4,dimethylphenyl-	7	6-8	6-8	-	-	6-8	6-8	-	-		
6	Iodo	10	-	-	-	-	-	-	-	-		
7	4-mercapto-4-2-benzothiazyl-	10	-	-	16-24	16-24	16-24	-	-	-		
8	N-(2-methylallyl)-N-(1-naphthyl)-	10	1-2	1-2	16-24	12-16	1-2	1-2	-	12-16		
9	4-methyl phenyl-	5	-	-	-	-	-	-	-	-		
10	N-(1-metho-2-naphthyl)-	5	8-12	8-12	12-16	16-24	3-4	3-4	4-6	6-8		
11	N,N'-(p-phenylene) bis [N-2-methylallyl-	2	3-4	3-4	-	-		0-1	-			
12	Acetanilide,	10	-	-	-	-	-	-	-	-		
13	5-tert-butyl-2-hydroxy-	10	4-6	4-6	6-8	6-8		-	4-6			
14	4'-chloro-N-(2-methylallyl)-	5	1-2	1-2	-	-	1-2	1-2	-	-		
15	2,4'-dichloro-	10	-	6-8	6-8	12-16		6-8	12-16			
16	p-iodo	10	-	-	-	-	-	-	-	-		
17	4'-thiocyano	3	-	-	4-6	12-16	-	-	1-2	2-3		
18	Acethymide	30	-	-	-	-	-	-	-	-		

19	ACETIC ACID, ALLYLIDENE ESTER		3	-	8-12	8-12	12-16	-	-	6-8	6-8
20	ETHYL DIBROMO-ESTER		3	-	-	-	-	-	-	-	-
21	P-PROPYLPHENYL ESTER		10	-	-	-	-	12-16	-	12-16	-
22	(ETHYLENEDIAMINE) TETRA- DISODIUM SALT		10	-	-	-	-	-	-	-	-
23	BIS(4-CHLOROPHENYL)- ESTER WITH B,B,B-TRI-CHLOROLACTONITRILE		10	0-1	0-1	8-12	-	0-1	0-1	1-2	1-2
24	X-BROMO-2-(1-METHYLHEPTYL) PHENOXY- ESTER WITH 2-BROMO-4-TERT-BUTYL-6-NITROPHENOL		3	-	-	-	-	-	-	-	-
25	CHLORO- METHYL ESTER		10	-	-	-	-	-	-	-	-
26	PENTACHLOROPHENYL ESTER	A	0.5	-	-	-	-	-	-	8-12	8-12
		B	0.5	-	-	-	-	4-6	-	6-8	-
27	2,4-DICHLOROPHENOX-		10	-	-	-	-	-	-	-	-
28	3,4-DIHYDROXYPHENYL-		10	3-4	-	-	-	-	-	-	-
29	ETHYLENE DIAMINE TETR-		10	-	-	-	-	-	-	-	-
30	INDOLE-3-		10	-	-	-	-	-	-	-	-
31	IODO-		10	-	-	-	-	-	-	-	-
32	ISOBORNYL THIOCYANO- ESTER ("THANISOL 85")		1	0-1	0-1	1-2	4-6	0-1	0-1	1-2	1-2
33	2-METHYL-4,6-DINITROPHENYL ESTER		1	-	-	0-1	0-1	-	0-1	0-1	0-1
34	B-NAPHTHOXY-		10	-	-	-	-	-	-	-	-
35	5-NITRO-2-FURFURYL IODO- ESTER		0.5	-	-	-	-	-	-	-	-
36	B-PHENYL		10	-	-	-	-	-	-	-	-
37	PHENYLMERCURIC- ESTER		1	-	-	4-6	4-6	-	-	0-1	1-2
38	PHENYLMERCURIC ("PMAS" 10% WATER SOLN.)		1	-	-	-	-	-	-	3-4	3-4
39	ACETONE, (2-CYCLOPENTEN-1-YL)-		10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
40	Acetone cyanohydrin	1	-	0-1	0-1	3-4	0-1	0-1	0-1	0-1
41	Acetonitrile, bis(4-chlorophenyl)-	10	-	-	-	-	-	-	-	-
42	p-chloroanilino-	5	-	-	8-12	8-12	0-1	0-1	4-6	4-6
43	diethylamino- -methyl-	0.5	-	4-6	-	-	-	-	-	-
44	dodecylamino- -methyl-	3	-	-	-	-	8-13	-	-	-
45	ethoxyethylamino- -methyl-	1	-	-	-	-	-	-	8-12	8-12
46	Acetophenone, p-bromo-	10	-	-	-	-	-	-	-	-
47	4-bromo-p-nitro	1	-	-	-	-	-	-	0-1	1-2
48	2-chloro-2-phenyl-	3	2-3	4-6	3-4	6-8	1-2	1-2	1-2	2-3
49	Acetophenone, 2,4'-dichloro-	1	-	-	8-12	8-12	-	-	6-8	6-8
50	2,5-dichloro-	10	0-1	1-2	1-2	-	0-1	1-2	1-2	-
51	3,4-dihydroxy chloro-	10	1-2	1-2	-	-	1-2	-	-	-
52	gall-	5	-	-	-	-		-	-	
53	2-phenoxy-2-phenyl-	10	-	-	-	-	1-2	2-3	6-8	6-8
54	2,2,4'-trichloro-	2	-	-	-	-				
		10	-	-	0-1	-	0-1	-	1-2	-
55	2',4',6'-trimethyl-3',5'-dinitro	10	-	-	-	-	-	-	-	-
56	2',4',6'-trimethyl-2-phenyl-	2	-	-	-	-	-	-	-	-
57	Acetopropionic acid; 2-methylallyl ester	10	-	-	-	-	-	-	16-24	16-24
58	m-Acetotoluidide	10	-	-	-	-	-	-	-	-
59	o-Acetotoluidide	10	-	-	-	-	-	-	-	-

60	o-Acetotoluidide, N-2-methylallyl-	10	-	-	-	-	-	-	-	-
61	4'-nitro-	10	-	-	-	-	-	-	-	-
62	p-Acetotoluidide, a-(p-tert-butylphenoxy)-	10	-	-	-	-	-	-	-	-
63	N-2-methylallyl-	10	1-2	1-2	-	-	0-1	0-1	-	-
64	x',x'-Acetoxylidide, N-2-methylallyl-	10	-	-	-	-	16-24	-	-	-
65	Acetylene, diphenyl ("tolane")	10	-	-	-	-	-	-	-	-
66	Acetylsalicylic acid	30	-	-	-	-	-	-	-	-
67	Acid 136	10	-	-	-	-	-	-	-	-
68	Acridine Orange	5	4-6	4-6	6-8	6-8		-	4-6	
69	Acrolein	30	-	1-2	1-2	1-2	0-1	0-1	0-1	0-1
70	Acrylamide, N-isobutyl-3-phenylmercapto-	10	-	3-4	-	-	2-3	3-4	-	-
71	Acrylic acid, benzoyl-; 2-ethylhexyl ester	3	-	-	6-8	12-16	1-2	-	2-3	1-2
72	lauryl ester	10	-	-	-	-	-	-	-	-
73	3-benzoyl-; 2-ethylhexenyl ester	7	-	-	8-12	12-16	2-3	-	3-4	3-4
74	isobutyl ester	5	-	-	1-2	1-2	-	-	0-1	0-1
75	3-butylamino; ethyl ester	10	-	-	-	-	-	-	-	-
76	p-chlorobenzoyl-	10	-	-	-	-	-	-	-	-
77	nonyl ester	10	-	16-24	6-8	-	-	-	-	3-4
78	3-(p-chlorobenzoyl)-; butylcarbityl ester	10	-	-	-	-	-	-	6-8	6-8
79	Acrylic acid, isobutyl ester	1	-	-	-	-	-	-	2-3	3-4
80	2-chloro-3-ethoxy-; ethyl ester	10	-	-	-	-	8-12	-	16-24	16-24
81	3-(p-methoxybenzoyl)-; isobutyl ester	1	-	-	-	-	-	-	2-3	3-4
82	3-phenylmercapto-; copper salt	1	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
83	Acrylophenone, 3-(2-furyl)-	10	-	-	6-8	8-12	2-3	3-4	4-6	4-6	
84	2,3,3-Triphenyl-	10	-	-	-	-	-	-	-	-	
85	Adipic acid; diallyl ester	10	-	-	6-8	8-12	-	-	4-6	6-8	
86	β-Alanine, N-dodecyl-	10	-	-	1-2	1-2	-	-	0-1	0-1	
87	Aldrin, 2#	3	-	-	12-16	-	-	-	2-3	2-3	
88	Alginic acid	10	-	-	-	-	-	-	-	-	
89	Aliphat 44-8 (46% oleic, 39% linoleic, 3% linolenic, 12% rosin acids), condensation product with propylene glycol)	10	-	-	0-1	-	-	-	-	-	
90	Aliphat 45-8 (30% fatty acids, 70% rosin acids), and 15 moles ethylene oxide, condensation products	10	-	-	-	-	-	-	-	-	
91	Alloxan A	10	-	-	-	-	-	-	8-12	-	
	B	10	-	2-3	3-4	3-4	0-1	0-1	1-2	1-2	
92	Alloxantin	10	-	-	-	-	-	-	-	-	
93	Aludrine Hydrochloride (isopropylarterenol HCl)	10	-	-	-	-	-	-	-	-	
94	Aluminum chloro-hydroxide complex	10	-	-	-	-	-	-	-	-	
95	Aluminum fluosulfonate	10	-	-	-	-	-	-	-	-	
96	Aluminum rosinate	10	-	-	-	-	-	-	-	-	
97	Amidophosphoric acid, N,N-diallyl-; diphenoxy ester	10	-	-	-	-	-	-	-	-	
98	N-isobutyl-; di (β-chloroethyl) ester	10	-	16-24	0-1	-	-	-	-	-	
99	Amidophosphorous acid, N,N-dibutyl-; diphenyl ester	10	-	-	-	-	-	-	-	-	

100	AMINE OXIDE	10	-	-	-	-	-	-	8-12	12-16
101	9-AMINOACRIDINE	10	-	-	1-2	1-2	-	-	1-2	4-6
102	AMMONIUM; ANTIMONY FLUORIDE----SULPHATE	10	-	-	-	-	-	-	-	-
103	AMMONIUM COMPOUNDS, SUBSTITUTED; ALKYLBENZYLDIMETHYL----CHLORIDE, 50% ACTIVE ("BTC-824")	2	-	-	5-6	5-6	-	-	2-3	3-4
104	42% N-ALKYL-DIMETHYL-BENZYL----CHLORIDES 8% N-DIALKYL METHYL BENZYL----CHLORIDES, 50% INERT ("BTC-776")	3	-	-	4-6	4-6	-	-	3-4	3-4
105	ALKYLTRIMETHYL----BENZENESULFONATE	3	1-2	1-2	1-2	2-3	-	0-1	0-1	0-1
106	ALKYLTRIMETHYL----M-NITROBENZENE-SULFONATE (ALKYL-APPROX. $C_{12}H_{25}$)	10	-	-	-	-	-	-	-	-
107	BENZYLDIMETHYL----HEXAFLUOROARSENATE	7	-	-	-	-	-	-	-	-
108	BENZYLDIMETHYL----HEXAFLUOROARSENATE (DIETHYLCYCLOHEXYL AMMONIUM HEXAFLUOROARSENATE)	10	-	-	-	-	-	-	-	-
109	BENZYLDIMETHYLDODECYL----CHLORIDE (15% ACTIVE)	10	-	-	-	-	-	-	-	-
110	BENZYLDIMETHYLPHENYL----2-CHLORO-4,6-DINITRO-PHENOXIDE	10	-	-	-	-	-	-	-	-
111	BENZYLDIMETHYLPHENYL----4-CHLORO-2,6-DINITRO-PHENOXIDE	10	-	-	-	-	-	-	-	-
112	BENZYLDIMETHYLPHENYL----4,6-DINITRO-2-METHYL-PHENOXIDE	5	-	-	-	-	-	-	12-16	-
113	BENZYLDIMETHYLPHENYL----2,6-DINITRO-4-(1,1,3,3-TETRAMETHYLBUTYL) PHENOXIDE	5	-	-	6-8	8-12	-	-	4-6	4-6
114	BENZYLDODECYLTRIMETHYL----CHLORIDE	5	-	3-4	4-6	4-6	3-4	3-4	4-6	4-6
115	BENZYLTRIMETHYL----HEXAFLUOROANTIMONATE	10	-	-	-	-	-	-	-	-
116	BENZYLTRIMETHYL----HEXAFLUOROARSENATE	10	-	-	-	-	-	-	-	-
117	BENZYLTRIMETHYL----HEXAFLUOROPHOSPHATE	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
118	N-Benzyl N,N,N,-trimethyl----hexafluorophosphate	10	-	- -	- -	- -		
119	Benzyltrimethyl----hexafluorotitanate	10	-	- -	- -	- -		
120	Benzyltrimethyl----hydroxide (40% in methanol)	10	-	- -	- -	- -		
121	Benzyltrimethyl----methoxide (40% in methanol)	10	-	- -	- -	- -		
122	Bis-2-ethylhexyl----hexafluorophosphate	5	0-1	- 2-3	0-1 0-1	0-1 0-1		
123	(5-tert-butyl-4-hydroxy-o-tolyl) trimethyl----iodide	7.5	-	- 1-2	- -	- -		
124	Ammonium compounds, substituted; cetyldimethyl-benzyl----monohydroxy pentafluoroarsenate	5	-	0-1 1-2	1-2 -	- 0-1		0-1
125	Cetyltrimethyl----bromide (60% active in isopropanol)	0.5	-	- 16-24	16-24 -	- 16-24		16-24
126	Cetyltrimethyl----salicylate	0.5	12-16	- 16-24	- -	- 6-8		8-12
127	Decylbenzyltrimethyl----chloride	10	-	- -	- -	- 0-1		6-8
		30	-	- 6-8	0-1 -	- 0-1		-
128	Di-amyl----tetrafluoroborate	10	-	- -	- -	- -		
129	Di-N-butyl----tetrafluoroborate	10	-	- 16-24	-	- -	-	-
130	Dilauryldimethyl----bromide ("Isothan DL-1", 75% active in isopropanol)	5	-	- 0-1	0-1	- 0-1	-	0-1
131	Dimethylethylhexadecyl----bromide (Ammonyx DME", 75% active)	3	0-1	- 1-2	3-4	- 0-1	-	1-2
132	Dimethylethyloctadecenyl----bromide ("Onyxide", 75% active in isopropanol)	1	-	- 0-1	6-8	- 4-6	-	4-6

133	AMMONIUM COMPOUNDS, SUBSTITUTED; HEXADECYL TRIMETHYLBENZYL----BROMIDE	10	0-1	-	3-4	3-4		1-2	2-3			2-3	3-4
134	HEXADECYLDIMETHYLBENZYL----TETRAFLUOROBORATE	1	-	-	16-24	-		-	-			-	8-12
135	HEXADECYLTRIMETHYL----CHLORIDE ("ARQUAD 16")	0.1	-	-	-	-	-	-	-	-			
		0.3	-	-	15-23	-	-	-	-	-			
		0.5	-	-	-	-	-	-	-	-			
		5	-	0-2	0-2	2-3	-	-	2-3	2-3			
136	METHYLMENAPHTHYL-ALPHA (MIXED) DIMETHYLCHLORIDE (50% ACTIVE) ("WARCOCIDE 1300")	5	-	-	4-6	4-6		-	4-6			-	3-4
137	METHYLMENAPHTHYL-DODECYL DIMETHYL----CHLORIDE ("WARCOCIDE 1400") 50% ACTIVE	1	-	-	-	-	-	-	-	-			
138	TRIMETHYLBENZYL-DODECYL	10	1-2	1-2	2-3	2-3		0-1	1-2			-	1-2
139	TRIMETHYL----CHLORIDE (50% ACTIVE TALLOW) ("AMMONYX-27")	10	-	-	0-1	0-1		-	0-1			-	0-1
140	(METHYLTRI-ISOPROPYLBENZYL) TRIMETHYL----CHLORIDE	10	-	-	0-1	-		-	-			-	-
141	(TRI-ISOPROPYLBENZYL) TRIMETHYL----CHLORIDE	10	-	-	-	-		-	-			-	-
142	AMMONIUM FLUOPHOSPHATE	5	1-2	1-2	-	-		-	-				
		10	1-2	1-2	-	-		-	-			-	-
		15	0-1	0-1	16-24	16-24		0-1	-				
143	AMMONIUM FLUOROSILICATE	10	1-2	-	16-24	-		-	-			-	-
144	AMMONIUM FLUOROTITANATE	10	-	-	-	-		-	-			-	-
145	AMMONIUM SULFAMATE	10	-	-	0-1	-		-	-			-	-
146	ANILINE; COMPLEX WITH FERROCYANIC ACID	5	-	-	-	-		-	-				
		10	-	0-1	0-1	16-24		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
		15	-	5-7 -	-	-		
147	COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	10	-	16-24 -	-	-	-	-
148	p-ACETOXY- (PURE)	10	-	- -	-	-	-	-
149	N-BENZYL-p-BENZYLOXY-	10	-	- -			-	-
150	N-BENZYLIDENE-4-BROMO-	0.5	-	- -	-	-	-	-
		1	-	16-24 -	-	2-3	-	3-4
151	N,N-BIS [2-(2-p-CHLOROPHENOXYETHOXY) ETHYL]-	10	-	2-3 0-1 -	2-3	-	-	-
152	m-BROMO-	10	-	- -	-	-	-	-
153	4-BROMO-	10	-	- 16-24 -	-	-	-	-
154	4-BROMO-N,N-DIMETHYL -	10	-	- -	-	-	-	-
155	4-BROMO-N-2-METHYLALLYL-	10	1-2	4-6 - -	2-3	-	-	-
156	4-BROMO-N-2-METHYLALLYL-HYDROCHLORIDE	5	-	- - -	-	- -		
		10	-	- 0-1 0-1	2-3	-	-	-
		15	-	- 0-1 0-1	1-2	-		
157	3-CHLORO-	7	0-1	- 16-24 16-24	-	-	-	-
		10	2-3	8-12 8-12 12-16	1-2	-	-	-
158	3-CHLORO-N-(2,4-DICHLOROBENZYLIDENE)-	10	-	- 0-1 0-1	-	-	-	-
		5	0-1	0-1 1-2 -	-	-		
		15	0-1	0-1 - -	-	-		
159	ANILINE; o-CHLORO-N,N-DIMETHYL-	5	-	- - -	-	-		
		10	-	- - -	-	-	-	-

		15	1-2	1-2	-	-		1-2	-				
160	2-CHLORO-N-2-METHYLALLYL-	5	1-4	1-4	-	-		1-4	-				
		10	-	-	0-1	0-1		-	-			-	-
		15	-	-	-	-		-	-				
161	2-CHLORO-4-NITRO	10	6-8	-	16-24	16-24		-	2-3			2-3	-
162	3-CHLORO-4-THIOCYANO-	0.5	-	1-2	3-4	3-4	-	-	0-1	0-1			
		10	-	-	2-3	2-3		1-2	2-3			1-2	2-3
163	4-CHLORO-2-NITRO-	2	-	-	-	-		-	-				
		7	1-2	1-2	-	-		0-1	16-24				
		10	-	-	0-1	0-1		0-1	4-6			0-1	4-6
164	O-CHLORO-N-TRIPHENYLMETHYL-	10	6-8	6-8	-	-		-	-			-	-
165	2,5-DICHLORO-	10	-	-	0-1	-		-	6-8			-	-
166	2,6-DICHLORO-N,N-DIMETHYL-	10	2-3	2-3	-	-		2-3	-			-	-
167	DIETHYL-2,4-DINITRO-	10	2-3	-	8-12	-		0-1	16-24			1-2	16-24
168	DIETHYLSAFRANIN-AZO-DIETHYL-C.I. 11050 (JANAS GREEN)	7	-	-	6-8	6-8		1-2	1-2			-	1-2
169	N,N-DIMETHYL-; COMPD. WITH FERROCYANIC ACID	10	-	-	-	-		-	-			-	-
170	N,N-DIMETHYL-P-NITROSO	0.5	-	-	0-1	-		-	4-6			-	8-12
171	ANILINE, N,N-DIMETHYL-P-THIOCYANO-;PICRATE	0.5	-	-	-	-		-	6-8			-	-
172	2,4-DINITRO-	5	2-3	-	16-24	-		-	-			-	-
173	4,4'-DITHIODI-2,2'-DICHLORO-N,N,N',N'-TETRAMETHYL-	10	-	-	-	-		-	-			-	-
174	4,4'-DITHIODI-2,2',6,6'-TETRACHLORO-N,N,N',N'-TETRAMETHYL	10	2-3	-	-	-		-	6-8			-	8-12

Table 2. continued.

Rept. No.	Chemical	Conc mg/l	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
175	N-ETHOXYMETHYL-N-(2-METHYLALLYL)-	10	8-12	-	- -	-	-		-	-
176	HEXAFLUOROPHOSPHATE-	10	-	-	- -	-	-		-	-
177	N-2-METHYLALLYL-; HYDROCHLORIDE	10	-	-	- -	-	-		-	-
178	N-2-(2-O-NITRO-P-TERT-BUTYLPHENOXYETHOXY) ETHYL-	10	2-3	-	6-8 -	6-8	-		6-8	-
179	4,4'-OXYDI-	10	-	-	0-1 -	-	-		-	-
190	PENTACHLORO-	10	-	-	- -	-	-		-	-
181	2-(2-PHENOXYETHOXY)-	10	-	-	- -	-	-		-	-
182	P,P'-SULFONYLDI-N,N,N',N'-TETRAMETHYL	10	-	-	- -	-	-		-	-
183	ANILINE, N-TRIPHENYLMETHYL-	10	-	-	- -	-	-		-	-
184	P-ANISIC ACID, 3-ALLYL-	8.5	-	-	- -	-	-		-	-
185	ANISIB	10	-	-	- -	-	-		-	-
186	O-ANISIDINE; COMPLEX WITH TRINITROBENZENE	0.5	-	-	- -				-	-
		1	5-7	-	8-12 -				-	16-24
		3	-	-	0-1 4-6	-	4-6		-	6-8
187	COMPOUND WITH 1,3,5-TRINITROBENZENE	5	-	-	6-8 11-16	-	8-12			
		10	-	-	1-2 1-2	-	1-2		1-2	2-3
188	COMPLEX WITH 1 F. WT. 1,3,5-TRINITRO-BENZENE	4	-	2-3	2-3 4-6	-	4-6		-	3-4
189	5-ETHYLSULFONYL-	4	-	-	- -	-	-		-	-
190	P-ANISIDINE, 2-NITRO-	10	-	-	- -	-	-		-	-
191	ANISIL	10	-	-	8-12 8-12	-	-		-	-

		7	-	-	-	-		-	0-1				
		15	8-12	-	11-16	-		-	-				
192	ANISOIN	10	-	-	-	-		-	-			-	-
193	ANISOIN, DESOXY	10	-	-	2-3	-		-	-			-	-
194	ANISOLE, ACRYLYCARBYL-	10	-	-	-	-		-	-			-	-
195	6-TERT-BUTYL-2,4-DINITRO-3-METHYL-	4	3-4	-	6-8	6-8		-	-			-	-
		5	1-2	1-2	5-7	4-6		16-24	-				
		7	16-24	-	-	-		3-4	6-8			-	16-24
		10	-	-	0-1	4-6		-	6-8			-	-
		15	0-1	4-6	4-6	-		1-2	3-4				
196	P-CAMPHANYL-	10	-	-	-	-		-	-			-	-
197	4-CHLORO-2,6-DINITRO-	3	-	16-24	8-13	-		-	4-6			6-8	8-13
198	2-CHLORO-4-NITRO	3	13-16	-	-	-		-	-			13-16	-
199	P-TERT-OCTYL-	1.5	6-8	-	12-16	-		-	-			-	-
		2	-	-	-	-		-	-				
		5	-	-	1-2	6-8		-	-			-	-
		7	-	-	-	-		-	-			-	-
200	2,3,5,6-TETRACHLORO-	30	0-1	-	-	-	0-1	-	-	-			
201	2,4,5-TRICHLORO-	30	0-1	-	-	4-6	0-1	6-8	8-12	-			
202	ANTHRACENE	2	-	-	-	-		-	-			-	-
203	ANTHRANILIC ACID; COPPER (II) SALT	4	-	-	-	-	12-16	16-24	-	-			
		5	-	-	-	-		-	8-12				
		7	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D	
		10	-	-	0-1	6-8	-	-		-	-
204	N-acetyl-	10	-	-	-	-	-	-		-	-
205	N-acetyl-5-chloro-	10	-	-	-	-	-	4-6		-	-
206	N-acetyl-; copper (II) salt	10	-	-	8-12	8-12	1-2	2-3		3-4	4-6
207	N-benzoyl-	10	-	-	-	-	-	-		-	-
208	N-benzyl- copper (II) salt	5	-	-	-	-	-	-		-	-
		10	-	-	16-24	-	-	12-16		0-1	1-2
209	5-chloro-	6	-	-	8-13	-	-	-		-	-
210	N-(chloroacetyl)-	10	-	-	13-16	-	-	-		-	-
211	N-(chloroacetyl)- copper (II) salt	4	-	-	-	-	0-1	-		-	0-1
212	N-2-methylallyl	10	-	-	-	-	-	-		-	-
213	N-2-methylallyl- copper (II) salt	3	-	-	-	-	-	-		-	-
214	N,N'-methylenedi-	10	-	-	-	-	-	-		-	-
215	N,N'-methylenedi- copper(II) salt	10	-	-	-	-	-	-		-	-
216	N-tridecanoyl-	10	6-8	6-8	8-13	8-13	-	16-24		-	16-24
217	N-tridecanoyl- copper (II) salt	10	-	-	-	-	-	-		-	-
218	Anthraquinone, 2-amino-1,3-dibromo-	7	-	-	-	-	-	-		-	-
219	chloro-	10	-	-	-	-	-	-		-	-
220	1-chloro-	0.5	-	-	-	-	-	-		-	-
221	2-ethyl-	8.5	-	-	2-3	-	-	-		-	-
222	Antibiotics, antimycin	3.5	-	-	8-12	8-12	-	-		-	-

			7	-	-	-	-	-	-	-	-	
223	DECOYININE		10	-	-	-	-	-	-	-	-	
224	PSICOFURANINE		10	-	-	3-4	-	-	-	-	-	
225	ANTIMONY CHLORIDE, $SbCl_3$		10	-	-	-	-	-	-	-	-	
226	$SbCl_5$		10	-	-	-	-	-	-	-	-	
227	ANTIPYRINE, 4-AMINO-		7.5	-	-	-	-	-	-	-	-	
228	1-APOCAMPHANEETHANOL, 2-CHLORO-; ACETATE		5.5	1-2	-	-	-	-	-	-	-	
229	ARAMITE		10	-	-	-	-	-	-	-	-	
230	m-ARSANILIC ACID, 4-(2-HYDROXYPROPOXY)-	A	16	-	-	13-16	-	-	-	-	-	
		B	10	-	-	-	-	-	-	-	-	
231	ARSINE, TRI-p-TOLYL-		10	-	-	-	-	-	-	-	-	
232	ARSINIC ACID, PHENYL (p-SULFAMYLPHENYL)-		10	-	-	-	-	-	-	-	-	
233	PHENYL (p-SULFOPHENYL)-		1.5	-	-	16-24	-	-	-	-	-	
234	ARSONIC ACID, p-HYDROXYBENZENE-, DISODIUM SALT		10	-	-	-	-	-	-	-	-	
235	ASTRAZONBLAU B		10	-	-	3-4	3-4	-	3-4	-	3-4	
236	ASTRAZONGELB 3G		2	-	-	-	-	-	8-13	-	-	
237	ASTRAZONGELB 5G		1	-	-	-	-	-	-	-	-	
238	ASTRAZONORANGE G		2	-	-	-	-	3-4	4-6	3-4	4-6	
239	BARBITURIC ACID		1	-	-	-	-	-	-	-	-	
240	5-ALLYL-1-METHYL-5-(1-METHYLBUTYL)-2-THIO-		10	0-1	0-1	0-1	0-1	0-1	0-1	0-1	0-1	
241	5-CROTYL-5-ISOBUTYL-		10	-	-	0-1	-	-	-	-	-	
242	DIETHYL (AMOBARBITAL)		10	16-24	16-24	-	-	-	-	-	-	
243	DIETHYL (SECOBARBITAL)		10	6-8	6-6	-	-	-	-	-	-	

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
244	5-ethyl-5-(1-ethylpropyl)-1-methyl-2-thio-	10	0-1	0-1	- -	0-1	0-1	0-1	1-2
245	Barium chlorofluoride	10	-	-	2-3 -	-	-	-	-
246	Basic Fuchsin C. I. 677	10	-	-	16-24 -	-	-	0-1	1-2
247	Benzaldehyde, p-chloro-	7	-	-	- -	-	-	-	-
248	3,4'dichloro- oxime	10	-	-	- -	-	-	-	-
249	4-ethoxy-3-methoxy-	1	-	-	8-12 -	-	-		
		5	-	-	- -	-	-		
		10	-	-	0-1 0-1	0-1	1-2	0-1	1-2
250	o-hexyloxy-	10	-	-	1-2 -	-	-	-	-
251	m-hydroxy-	10	-	-	- -	-	-	-	-
252	o-hydroxy-; oxime	4	0-1	-	16-24 -	-	-	-	-
253	3-nitro-4-chloro-; oxime	3	-	-	- -	3-4	-	16-24	-
254	2,4,6-trimethyl-	10	-	-	- -	-	-	-	-
255	Benzamide, 2-chloro-4-nitro-	10	-	-	- -	-	-	-	-
256	3,5-dinitro-	10	-	-	- -	-	-	-	-
257	Benzanilide, N-2-methylallyl-	10	2-3	2-3	4-6 13-16	0-1	4-6	0-1	4-6
258	Benzene, 2-amino phenyl-	2	1-2	1-2	- -	-	-	-	-
		5	-	-	- -	-	-		
		7	-	-	- -	-	-	-	-
		10	-	-	0-1 0-1	1-2	-	4-6	-
		15	0-1	0-1	1-2 1-2	0-1	-		

259	1,2-BIS(BROMOMETHYL)		2	-	-	4-6	4-6		-	2-3		-	4-6
260	1,3-BIS(CHLOROSULFONYL)-4-METHOXY-		10	-	-	-	-		-	-		-	-
261	1,3-BIS(2-PHENOXYETHOXY)-		10	0-1	0-1	1-2	1-2		0-1	1-2		0-1	1-2
262	1-BROMO-2,4-DINITRO-		2	-	-	4-6	4-6		-	4-6		-	3-4
263	P-CHLORONITRO-		10	-	-	-	-		-	4-6		-	-
264	1,2-DIAMINO-		10	-	-	-	-		-	-		-	-
265	1,4-DIAMINO-		10	0-1	-	6-8	8-13		-	13-16		-	8-13
266	P-DIBROMO-		10	-	-	1-2	1-2		0-1	1-2		0-1	1-2
267	(1,2-DIBROMOETHYL)		8.5	-	-	-	-		-	-		1-2	-
268	O-DICHLORO-	A	10	-	-	3-4	3-4		4-6	-		-	16-24
		B	10	-	-	1-2	1-2		0-1	1-2		0-1	1-2
269	X,X-DICHLORO-X-NITRO-; MIXTURE OF ISOMERS ("TAROPHEN CNB 33")		10	-	-	-	-		0-1	2-3		0-1	2-3
270	1,2-DICHLORO-4-NITRO-		1.5	-	-	-	-	-	-	-	-		
			3	-	-	-	-	-	-	-	-		
			5	-	-	-	-	-	-	-	-		
			7	0-1	0-1	7-12	7-12	0-1	-	13-24	-		
			10	-	-	4-6	4-6		4-6	-		4-6	-
			15	-	-	0-2	0-2		0-1	1-4			
271	BENZENE, 1,4-DICHLORO-2-NITRO-		10	3-4	3-4	6-8	6-8		3-4	6-8		2-3	3-4
272	2,5-DICHLORO-1-NITRO -		7	12-16	12-16	-	-		1-2	8-12		1-2	2-3
273	2,5-DICHLORONITRO-		10	-	8-12	3-4	-		1-2	8-12		1-2	3-4
274	2,4-DINITROCHLORO-		2	-	-	4-6	4-6		-	6-8		-	2-3

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
275	1,3-dinitro-2,4,6-trichloro-; from dehydro-chlorinated BHC isomers	0.5	3-5	3-5	4-6	5-7		-	6-8		
		2	-	-	2-3	2-3		3-4	4-6	-	3-4
		10	-	-	1-2	1-2	0-1	0-1	0-1	1-2	
276	p-nitro- (dibromomethyl)	2	8-12	8-12	12-16	16-24		0-1	8-12	0-1	8-12
277	p-nitrochloro-	10	-	-	6-8	-		-	-	-	-
278	octyl-	10	-	-	-	-		-	-	-	-
279	pentachloro nitro	10	-	-	16-24	-		-	-	-	-
280	1,2,3,4-tetrachloro-	10	-	-	3-4	3-4		-	-	-	-
281	tetrachloro nitro-	10	0-1	-	16-24	-		0-1	-	-	-
282	Benzenearsonic acid, p-carbamido- ("carbarsone") U. S. P.	10	0-1	0-1	1-2	1-2		0-1	1-2	0-1	1-2
283	Benzenearsonic acid, 4-hydroxy-3-nitro-	7	-	-	-	-		-	-	-	-
		10	-	-	3-4	8-12		-	-	-	-
		15	-	-	-	-		-	-		
284	1,2-benzenediol ("catechol")	10	-	-	-	-		-	-	-	-
285	Benzenemethanethiol, p-chloro-s-(4,5-dihydro-imidazol-2-yl-; hydrochloride	3	2-3	3-4	4-6	4-6		1-2	1-2	-	0-1
286	Benzenesulfonanilide, x,x-diisopropyl-	10	-	-	3-4	4-6		3-4	16-24	3-4	8-12
287	x,x-diisopropyl-4'-nitro-;sodium salt	10	-	-	3-4	4-6		0-1	1-2	-	1-2
288	Benzenesulfonic acid; cetylpyridinium salt	0.5	-	-	12-16	-		-	8-12	-	8-12
289	laurylpyridinium salt	10	-	-	3-4	4-6		-	3-4	-	3-4

290	2-PHENOXYETHYL ESTER	10	-	12-16	2-3	-	-	-	-	-	
291	PHENYL ESTER	5	7-10	7-10	-	-	-	-			
		10	-	-	2-3	2-3	8-12	-	8-12	-	
		15	-	3-5	0-1	5-7	0-1	7-10			
292	x-SEC-BUTYL-; BUTYL ESTER	2	0-1	0-1	16-24	-	1-2	3-4			
		5	1-2	3-5	7-9	8-12	3-4	8-12			
		10	-	-	1-2	1-2	1-2	6-8	1-2	3-4	
293	ISOBUTYL ESTER	10	-	-	1-2	1-2	-	3-4	-	8-13	
294	BENZENESULFONIC ACID; PHENYL ESTER	8	7-12	-	-	-	-	-			
		10	-	-	4-6	8-13	-	13-16	-	-	
295	P-CHLORO-; ALKYLTRIMETHYL AMMONIUM SALT	0.5	-	-	-	-	-	-	-	-	
296	2,4-DICHLOROPHENYL ESTER	10	-	13-16	2-3	16-24	-	13-16	-	16-24	
297	DINITROCYCLOHEXYLPHENYL ESTER	10	-	-	-	-	-	-	-	-	
298	DINITROISOPROPYLPHENYL ESTER	2	-	-	1-2	2-3	-	0-1	-	0-1	
299	2,4-DINITROPHENYL ESTER	0.5	-	-	-	-	-	-	-	-	
300	P-METHOXYPHENYL ESTER	10	-	-	3-4	-	-	-	-	-	
301	P-METHYLPHENYL ESTER	10	-	-	0-1	-	-	-	-	-	
302	P-NITROPHENYL ESTER	10	-	-	-	-	-	-	-	-	
303	P-CHLORO-; 6-PHENYL-2,4-DINITROPHENYL	7	8-12	8-12	-	-	0-1	-	0-1	-	
		10	-	-	-	-	-	-	-	-	
304	P-CHLOROTHIOL-; TRICHLORO METHYL- ESTER	1	-	2-3	4-6	4-6	-	0-1	0-1	0-1	
305	3,4-DICHLORO; DINITROCAPRYLPHENYL ESTER	3	-	-	4-6	16-24	6-8	8-12	-	12-16	
		5	3-4	-	4-6	4-6	-	3-4			

Table 2. continued.

Rept No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
306	Benzenesulfonic acid, 3,4-dichlorothiol-; trichloromethyl ester	1	-	-	0-1	-	-	1-2	-	0-1
307	keryl-; ethanolamine salt	10	-	-	12-16	16-24	-	-	2-3	2-3
308	p-nitro-; dinitrocaprylphenyl ester	5	-	-	4-6	6-8	3-4	4-6	3-4	4-6
309	Benzene thiol, cyclohexylammonium salt	10	-	-	16-24	-	-	16-24	-	-
310	Benzhydrol, 4,4'-dichloro-a-methyl-	3	3-4	8-12	6-8	-	-	-		
		6	2-3	2-3	3-4	4-6	2-3	16-24		
311	4,4'-dichloro-a-vinyl	15	0-1	1-2	1-2	2-3	1-2	3-4		
312	Benzil	10	-	-	16-24	-	-	-	-	-
313	Benzimidazole, 2-(4'-thiazolyl)- ("thiabendazole")	10	-	-	-	-	-	-	-	16-24
314	1 H-benz [f] indend, 2,3-dihydro	4	0-1	0-1	2-3	2-3	0-1	-	0-1	-
315	11 H-Benzo [a] carbazole	10	-	16-24	3-4	-	16-24	-	-	-
316	4-benzodioxane, 2-(N-butylaminomethyl)-5-chloro-8-ethoxy-1-	3	-	-	0-1	0-1	0-1	1-2	-	0-1
317	1,3-Benzodioxane, 6-chloro-3(2-mercaptomethyl-imidazolyl-) hydrochloride	10		2-3	4-6		1-2	3-4	-	0-1
318	4,3-Benzodioxathiepin-3-,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a,hexahydro-6,9-methano-2-; oxide ("thiodan") technical	1	0-1	0-1	1-2	1-2	-	0-1	-	0-1
319	Benzoic acid; 2-chlorophenyl ester	5	-	-	4-6	4-6	0-1	2-3	0-1	1-2
320	Benzoic acid; 2,4-dinitro-6-cyclohexylphenyl ester	10	-	-	-	-	-	-		
321	p-methoxyphenyl ester	10	-	-	2-3	16-24	-	4-6	-	2-3

322	METHYL ESTER	10	0-1	0-1	2-3	6-8		0-1	6-8		0-1	2-3
323	P-ACETAMIDO-; COPPER (II) SALT	10	-	-	-	-		-	16-24		-	-
324	P-AMINO-	10	-	-	16-24	-		-	-		-	-
325	P-AMINO-; COPPER (II) SALT	10	-	-	-	-		-	8-12			
326	P-CHLOROMERCURI-	3	2-3	-	2-3	16-24		2-3	2-3		-	8-12
327	2-CHLORO-5-NITRO	7.5	-	-	-	-		-	-			
328	4-CHLORO-3-NITRO-	10	-	-	1-2	-		-	-		-	-
329	P-CYCLOHEXYLOXY-	10	-	-	16-24	-		-	-		-	-
330	3,5-DIIODO-2-HYDROXY-	10	-	-	-	-		-	-		-	-
331	3,5-DIIODO-4-HYDROXY-	10	-	-	-	-		-	-		-	-
332	2-(4-HYDROXYBENZOYL)-	10	-	-	1-2	-		-	-		-	-
333	IODO-	10	-	-	-	-		-	-		-	-
334	METHYL 4-ACETAMIDO-2-ETHOXY ESTER ("ETHOPABATE")	5	-	-	-	-		-	-		-	-
		10	-	-	-	-		-	-		-	-
335	M-NITRO-B-THIOCYANOETHYL ESTER	3	-	0-1	0-1	1-2		0-1	1-2		-	1-2
		10	6-8	8-12	-	-		-	-		8-12	-
336	BENZOIC ACID; P-(2-METHYLPROPENYL) PHENYL ESTER	10	-	-	8-12	16-24		-	4-6		-	1-2
337	2,2,3-TRICHLOROBUTYL ESTER	10	-	-	16-24	-		-	6-8		-	8-12
338	O-THIOCYANO-; IRON (FERRIC) SALT	10	-	-	8-12	-		-	-		-	-
339	BENZOPHENONE, 4-BENZYLAMINO-	10	-	-	-	-		-	-		-	-
340	4-(2-BROMOETHOXY)	10	-	0-1	1-2	1-2	0-1	0-1	1-2	3-4		
		15	0-2	0-2	-	-		1-4	-		0-1	-

Table 2. continued.

Rept No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
341	4-bromoethyl-	10	-	-	6-8	6-8	-	4-6	-	4-6
342	2,2'-dichloro-	10	0-1	1-2	1-2	4-6	-	6-8	-	16-24
343	2,4'-dichloro-	10	-	-	0-1	-	-	-	-	-
344	4,4'-dichloro-; oxime, N-ethyl ester	10	-	-	-	-	-	-	-	-
345	4-hydroxy-3-nitro	3	4-6	-	16-24	-	1-2	4-6	1-2	6-8
346	4-hydroxy-3-nitroacetate	2	0-1	0-1	1-2	1-2	0-1	0-1	0-1	0-1
347	4-methyl-	5	-	-	-	-	-	-	-	-
		10	1-2	1-2	4-6	4-6	1-2	-	2-3	-
		15	-	-	-	-	1-2	-		
348	[1] Benzopyran-5-one, 4,9-dimethoxy-7-methyl-5H-furo [3,2-g] ("khellin")	10	-	-	-	-	-	-	-	-
349	p-Benzoquinone pract.	0.5	-	-	4-6	4-6	-	2-3	4-6	6-8
350	p-benzoquinone, (p-ethoxyphenyl)-	10	-	-	0-1	1-2	-	1-2	0-1	0-1
351	methyl-	0.5	1-2	-	2-3	3-4	-	8-12	-	3-4
352	tetrachloro- ("spergon", wettable, 48% active)	1	-	-	-	-	-	-	-	-
353	Benzothiazole, 2-acetamido-7-benzoyl-	10	-	-	-	-	-	-	-	-
354	5-chloro-2-mercapto- ("vancide 22")	10	-	-	0-1	1-2	0-1	0-1	0-1	1-2
355	2-(2,4-dinitrophenylmercapto)-	3	-	-	-	-	-	-	-	-
356	lauryl pyridinium 5-chloro-2-mercapto- ("vancide 26EC")	7	-	-	-	-	-	-	-	-
357	2-mercapto- 2.4% (and carbamic acid, dimethyl-dithio- sodium salts of 27.6%) ("vancide 51")	7	5-8	-	7-12	11-16	-	7-12		

		10	-	-	8-12	8-12	-	8-12		-	2-3
358	BENZOTHIAZOLE, 2-MERCAPTO- ZINC SALT ("ZETAX")	10	-	-	0-1	-	-	-		-	-
359	MONOETHANOLAMMONIUM 2-MERCAPTO- ("VANCIDE 20S")	10	-	-	-	-	-	-		-	-
360	N-OXDIETHYLENE-; 2-SULFENAMIDE ("AMAX")	10	0-1	1-2	1-2	2-3	0-1	1-2		0-1	2-3
361	SODIUM 5-CHLORO-2-MERCAPTO- (SODIUM SALT OF CHLOROCAPTAX) ("VANCIDE 22")	10	-	-	6-8	-	-	-		-	-
362	SODIUM 2-MERCAPTO- ("NACAP")	10	-	-	0-1	12-16	-	1-2		-	2-3
363	SODIUM 2-MERCAPTO- WITH SEQUESTERING AGENTS ADDED ("VANZAK WL")	5	-	-	-	-	-	-		-	-
364	ZINC 5-CHLORO-2MERCAPTO- ("VANCIDE 30")	10	-	-	4-6	4-6	-	8-12		-	8-12
365	BENZOTRIAZOLE	10	-	-	-	-	-	-		-	-
366	1H-BENZOTRIAZOLE, 6-NITRO-	10	0-1	0-1	3-4	3-4	0-1	8-12		0-1	2-3
		15	0-1	-	5-8	7-12	-	11-16			
367	BENZOTRIFLUORIDE, 3-HYDROXY-2,4,6-TRINITRO-	10	8-12	-	12-16	12-16	-	8-12		-	8-12
368	2,4,6-TRINITRO	1	8-12	-	16-24	-	-	4-6		-	4-6
		15	-	-	-	-	8-12	12-16			
369	2H-1,3-BENZOXAZINE, 6-TERT-BUTYL-3-CYCLOHEXYL-3,4-DIHYDRO-	1	2-3	-	3-4	3-4	-	0-1		-	0-1
370	6-CHLORO-3-CYCLOHEXYL-3,4-DIHYDRO	10	0-1	-	0-1	0-1	0-1	0-1		0-1	0-1
371	3-(p-CHLOROPHENYL)-3,4-DIHYDRO-8-METHYL-6-	10	-	-	-	-	-	-		-	-
372	2H-1,3-BENZOXAZINE, 3,4-DIHYDRO-3-(2-HYDROXYETHYL)-8-METHYL-6-(1,1,3,3-TETRAMETHYLBUTYL-	2	3-4	-	6-8	8-12	2-3	6-8		2-3	3-4
373	2',4'-BENZOXYLIDIDE, 5'-AMINO-	10	-	-	-	-	-	-		-	-
374	BENZOYL CHLORIDE, 2,4,6-TRINITRO-	10	-	-	8-12	16-24	-	2-3		3-4	4-6

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
375	Benzyl alcohol, 3,4-dimethoxy-	10	-	-	- -	-	-	-	-
376	keryl-	10	-	-	- -	-	-	-	-
377	Benzylamine,	6	-	-	- -	-	6-8	-	-
378	p-chloro-N-(1,1,3,3-tetramethylbutyl)-; disalt with sebacic acid	10	-	-	3-4 3-4	0-1	0-1	-	0-1
379	N-p-chlorophenyl-	10	-	-	- -	-	-	-	-
380	hydrochloride	10	-	-	1-2 2-3	3-4	16-24	0-1	2-3
381	N-(2-chlorophenyl)-p-nitro-	10	-	-	6-8 -	12-16	-	-	-
382	N-cyclohexyl-; hydrochloride	10	-	-	2-3 -	1-2	2-3	-	1-2
383	N-cyclohexyl-N-pentyl-	10	-	-	- -	-	-	-	2-3
384	N,N-dialkyl-methyldodecyl-	10	-	-	- -	-	-	-	-
385	N,N-diallyl-p-hexyl-	10	-	-	- -	-	-	-	-
386	diethanol-	10	-	-	- -	-	8-12	-	-
387	N,N-diisopropyl-	10	1-2	1-2	3-4 4-6	0-1	1-2	0-1	1-2
388	N-(2,5-dimethoxyphenyl)-	10	-	-	- -	-	-	-	-
389	Benzylamine, dodecylmethyl- (mixture)	10	-	-	- -	-	-	-	-
390	N-ethyl-p-nitroso-N-phenyl-	1	-	-	3-4 6-8	-	1-2	0-1	1-2
391	N-Benzylamine, isopropyl-	10	-	-	- -	1-2	-	0-1	4-6
392	Benzylamine, N-isopropyl-	10	-	-	- -	-	3-4	1-2	-
393	keryl-	10	-	-	- -	-	-	-	-
394	N-Benzylamine, methyl-	10	-	-	- -	-	-	-	-

395	BENZYLAMINE, METHYL ETHANOL-	10	-	-	-	-	-	-	-	-	
396	N-METHYL-N-(4-THIOCYANOPHENYL)-	5	0-1	0-1	1-2	4-6	0-1	1-2	0-1	1-2	
397	N-(2-METHYL-4-THIOCYANOPHENYL)-	1	-	-	1-2	3-4	-	1-2	-	1-2	
398	N-(4-NITROPHENYL)-	10	-	-	-	-	-	-			
399	N-(4-THIOCYANOPHENYL)-	1	1-2	1-2	1-2	1-2	1-2	1-2	1-2	1-2	
400	BENZYLIDENIMINE, N-DIISOBUTYL-P-METHOXY	10	-	-	-	-	-	-	-	-	
401	3-BENZYLIMIDAZOLIUM, 1-METHYL-2-UNDECYL-;	10	-	-	8-12	8-12	-	4-6	-	12-16	
402	BENZYL SULFIDE	10	8-12	8-12	12-16	-	-	-	-	-	
		15	-	-	-	-	-	-	-	-	
		20	-	-	-	-	-	-	-	-	
403	BENZYLTHIOSULFONIC ACID, P-NITRO-; SODIUM SALT	10	-	-	-	-	-	-	-	-	
404	4,4'-BIACETOPHENONE, DIFURFURYLIDENE-	10	-	-	-	-	-	-	-	-	
405	9,9'-BIANTHRYL	10	-	-	-	-	-	-	-	-	
406	BIBENZYL, A,A'-DIBROMO-4,4'-DINITRO-	10	-	-	-	-	-	-	-	-	
407	BICARBAMIC ACID; DIETHYL ESTER	10	-	-	-	-	-	-	-	-	
408	4,4'-BICARBANILIC ACID; DIISOPROPYL ESTER	10	-	-	-	-	-	16-24	-	-	
409	BICYCLO [2.2.1] HEPT-5-ENE-2,3-DICARBOXAMIC ACID, N-(2-CYANOISOPROPYL)-7,7-DIMETHOXY-1,4,5,6-TETRACHLORO	10	-	-	8-12	8-12	-	6-8	-	8-12	
410	BICYCLO [2.2.1] HEPT-5-ENE-2,3-DICARBOXIMIDE, 7,7-DIMETHOXY-N-ISOPROPYL-1,4,5,6-TETRACHLORO	10	-	-	-	-	-	-	-	-	
411	7,7-DIMETHOXY-1,3,4,5-TETRACHLORO-; AMMONIUM SALT MONOHYDRATE	10	-	-	-	-	-	-	-	-	
412	7,7-DIMETHOXY-1,4,5,6-TETRACHLORO-N-TRICHLOROMETHYLSULFEN-	10	-	-	-	-	-	-	-	-	

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D			Steelhead E	Steelhead D			Sockeye E	Sockeye D		
413	DITETRADECYL ESTER	10	-	-	-	-	-	-			-	-		
414	7,7-DICHLORO-; DI-2-CHLOROETHYL ESTER	10	-	-	16-24	-	-	-			-	-		
415	1,4,5,6,7,7-HEXACHLORO-; MONO-2-CHLORO-ETHYL ESTER	10	-	-	-	-	-	-			-	-		
416	BICYCLO [2.2.1] HEPT-5-ENE 2,2-DICARBOXYLIC ANHYDRIDE, 7,7-DIMETHOXY-1,2,4,5,6-PENTA-CHLORO-	10	-	-	-	-	-	-			-	16-24		
417	7,7-DIMETHOXY-1,4,5,6-TETRACHLORO-	10	-	-	-	-	-	-			-	-		
418	BICYCLO [3,1,1] HEPT-2-ENE-2-ETHANOL, 6,6-DI-METHYL-	10	0-1	16-24	0-1	-	0-1	-			0-1	-		
419	[BICYCLOHEXYL]-1-CARBOXYLIC ACID	10	-	-	-	-	-	-			-	-		
420	[BICYCLOHEXYL]-2-DIETHYLAMINOETHYL ESTER HYDROCHLORIDE	2	-	-	-	-	3-4	-			-	-		
421	BICYCLO [0.2.4] OCT-3-ENE, 2,5,7,8-TETRACHLORO-	5	0-1	0-1	1-2	1-2	-	1-2			-	1-2		
422	BIGUANIDE, 1-(2-BIPHENYLYL)-	10	-	-	-	-	-	-			-	-		
423	MONOHYDROCHLORIDE	10	-	-	-	-	-	-			-	-		
424	1-[2-(p-BROMOPHENOXY) PHENYL]-	10	8-12	8-12	12-16	12-16	3-4	4-6			2-3	6-8		
425	MONOHYDROCHLORIDE	10	-	-	-	-	-	-			-	-		
426	1-PHENYL-; HYDROCHLORIDE	9	-	-	-	-	-	-			-	-		
427	1-o-TOLYL-; MONOHYDROCHLORIDE	10	-	-	-	-	-	-			-	-		
428	CHLORINATED ("AROCLOR 1248")	10	16-24	16-24	-	-	-	-			-	-		
429	CHLORINATED ("AROCLOR 1254")	10	-	-	-	-	-	-			-	-		
430	BIPHENYL, 4-CHLORO-	10	-	-	-	-	-	-			-	-		

431	4-CHLOROMETHYL-	10	-	-	0-1	-	-	-	-	-	
432	X,X-DIETHYL-2-HYDROXY	10	-	2-3	0-1	6-8	0-1	6-8	1-2	6-8	
433	HEXABROMO-	10	-	-	-	-	-	-	-	-	
434	4-METHOXY-	10	-	-	-	-	-	-	-	-	
435	2,2',3,3',4,4',6,6'-OCTAMETHYL-	10	-	-	-	-	-	-	-	-	
436	3,3',4,4'-TETRAMINO-	10	-	-	-	-	-	-	-	-	
437	2-BIPHENYLAMINE	5	4-6	-	-	-	-	-	-	-	
		10	-	-	0-1	2-3	1-2	-	2-3	-	
		20	-	0-1	0-1	1-2	-	-	0-1	8-12	
438	5-BROMO-	5	-	-	-	-	-	-			
439	4-BIPHENYLARSONIC ACID, 4'-SULFO-	9	-	-	-	-	-	-	-	-	
440	4-BIPHENYLARSONIC ACID, S-MONOSODIUM SALT	10	-	-	-	-	-	-	-	-	
441	X,X-BIPHENYLDISULFONAMIDE, N,N,N',N'-TETRACYANOETHYL-	10	-	-	-	-	-	-	-	-	
442	4-BIPHENYLMETHANOL,A-METHYL-	2	-	-	-	-	-	-	-	-	
443	4-BIPHENYLPROPANOL	10	-	-	-	-	-	-	-	-	
444	X-BIPHENYLSULFONAMIDE, 2'-NITRO-N,N-BIS (2-CYANOETHYL)-	10	-	-	-	-	0-1	-	0-1	-	
445	4-BIPHENYLSULFONIC ACID; SODIUM SALT	3	-	-	-	-	-	-	-	-	
446	4'-DIIODOARSINO-; SODIUM SALT	10	-	-	-	-	-	-	-	-	
447	BISMUTHINE TRIFLUORIDE	10	-	-	-	-	-	-	-	-	
448	4,4'-BI-O-STEARAMISIDIDE	10	-	-	-	-	-	-	-	-	
449	BIUREA, 2,5-DITHIO-	9	-	6-8	0-1	-	0-1	-	0-1	8-12	
450	BIURET, DITHIO-	10	-	-	-	-	-	-	-	-	

Table 2. continued.

Rept No.	Chemical	Conc. mg/l	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E		Sockeye D	
451	1-(2-biphenylyl)-2,4-dithio-	7	-	-	-	-		-	-			-	-	
452	1-p-phenoxyphenyl-2-4-dithio-	10	-	-	-	-		-	-			-	-	
453	1-phenyl-2,4-dithio-; zinc salt	10	-	-	-	-		-	-			-	-	
454	Bornylamine; hydrochloride	10	-	-	-	-		-	-			-	-	
455	Brucine; salt with 1 f. wt. N-formyl-D-leucine	10	-	-	-	-		-	-			-	-	
456	salt with 1 f. wt. N-formyl-D-methionine	6	-	-	12-16	-		-	-			-	-	
457	Brucine; salt with 1 f. wt. mono-sec-butyl phtha-late	10	-	-	-	-		-	-			-	-	
458	salt with 1 f. wt. D-a-(p-nitrophenyl)	10	-	-	-	-		-	-			-	-	
459	salt with 1 f. wt. l-a-(p-nitrophenyl)	10	-	-	-	-		-	-			-	-	
460	Brucine sulfate	30	8-12	-	-	-	6-8	-	0-1	-				
461	Bufotenine	8	-	-	-	-		-	-			-	-	
462	1,3-Butadiene, 2-chloro-3-(2,4-dinitrophenyl-sulfenyl)-	0.5	-	-	-	-		-	-			-	-	
463	Butane, 1-(4-chlorophenyl)-1,3-dihydroxy-4,4,4-trichloro-	10	-	-	0-1	6-8		-	6-8			-	8-12	
464	1-(4-chlorophenyl)-2-nitro-1-phenyl-; chlori-nated, Cl=39% (25% active)	10	-	-	-	-		-	-			-	-	
465	3,4-diphenyl-3-hydroxy-1-piperidino-; HCl	10	2-3	2-3	3-4	6-8		0-1	3-4			0-1	2-3	
466	1,2,3,4-tetrabromo-	8.5	-	-	-	-		-	-			-	-	
467	1,4-Butanediol 2,2,3,3-tetrachloro-; diacetate	10	-	-	-	-		-	-			-	-	
468	Butanedisulfonic acid, 1,4-dihydroxy-; sodium salt	10	-	-	-	-		-	-			-	-	

469	1-BUTANESULFONIC ACID; POTASSIUM SALT	30	-	-	-	-	-	-	-	-			
470	2-NITRO-; AMMONIUM SALT	10	-	-	-	-		-	-			-	-
471	1-BUTANOL, 2-AMINO-	10	-	-	16-24	-		-	-			-	-
472	2-BUTANONE, 4-PHENYL-	10	-	-	6-8	-		-	16-24			-	-
473	BUTENE, TETRACHLORO-	10	0-1	0-1	-	-		0-1	-			0-1	-
474	1-BUTENE, 4,4-BIS(p-CHLOROPHENYL)	10	-	-	-	-		-	-			-	-
475	2-BUTENE, 1,4-BIS(p-CHLOROPHENOXY)-	10	-	-	-	-		-	-			-	-
476	1-ETHOXYL-4-CHLORO-	30	-	-	-	-	0-1	-	12-16	-			
477	1,4-DIMETHOXY-2,3-DICHLORO-1,1,4,4-TETRAPHENYL-	10	-	-	-	-		-	-			-	-
478	2-PHENYL-	10	-	-	-	-		-	-			-	8-12
479	1-BUTENE-1,3-DIAMINE, N,N'-DIPHENYL-	10	-	-	-	-		-	4-6			-	4-6
480	2-BUTENE-1-4-DIOL	0.5	-	-	-	-	-	-	-	-			
481	2-BUTENE-1-4-DIOL 2,3-DICHLORO-; DIACETATE	30	-	-	-	-	-	-	-	-			
482	2-BUTENE-1,4-DIONE, 1-CYCLOPROPYL-2,4-DIPHENYL-	10	4-6	4-6	16-24	16-24		-	16-24			-	16-24
483	1,4-DIPHENYL-; TRANS	1	-	-	12-16	12-16		0-1	1-2			0-1	1-2
484	2-BUTENE-4-ONE, 1,1,1,3-TETRACHLORO-4-(p-CHLOROPHENYL)-	1	0-1	-	1-2	6-8		0-1	1-2			-	1-2
485	3-BUTEN-1-OL, 1-(3,4-DIMETHOXYPHENYL)-	10	-	-	-	-		-	-			2-3	-
486	3-BUTEN-2-OL, 1,1'-HYDRAZINODI-	10	-	-	-	-		-	-			-	-
487	BUTYLAMINE; COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	10	-	-	-	-		-	-			-	-
488	BUTYLAMINE, MYRISTYL-3-HYDROXY-; HYDROCHLORIDE	1	4-6	-	6-8	6-8		-	4-6			4-6	6-8
489	BUTYL BORATE, TRI-	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E		Sockeye D	
490	Butylidenimine, N-1,1,3,3-tetramethylbutyl-2,2,3,-trichloro	10	-	-	-	-		-	-			-		-
491	Butylxanthoacetic acid; calcium salt	10	-	-	-	-		-	-			-		-
492	Butyne, 1,4-bis-N-morylmethylamino-	10	-	-	-	-		-	-			-		-
493	2-Butyne, 1,4-bis(dimethylamino)-1,4-diphenyl-	10	2-3	2-3	4-6	4-6		0-1	3-4			0-1		4-6
494	1,4-dihydroxy-1,1,4,4-tetraphenyl-	10	-	-	-	-		-	-			-		-
495	1,4-dimethoxy-1,1,4,4-tetraphenyl-	30	-	-	-	-	-	-	-	-				
496	1-dimethylamino-4-diethanolamino-	10	-	-	-	-		-	-			-		-
497	1-di(3,5,5-trimethylhexyl) amino-4-[methyl (3,5,5-trimethylhexyl) amino]-	3	4-6	4-6	12-16	12-16		-	-					
		7		1-2	8-12			-	-					
		10	-	-	2-3	3-4		-	2-3			0-1		1-2
498	3-Butyne,1,4-dichloro-	10	-	-	-	-		-	-			-		-
499	2-Butyne-1,4-diol	6	-	-	-	-	-	4-6	4-6	6-8				
500	Butyraldehyde; polymer	10	-	-	-	-		-	-			-		-
501	Butyramide, N-B-(N-ethylenethioureido) ethyl-2,2,3-trichloro-	10	-	-	-	-		-	-			-		-
502	Butyric acid; diester with 2,2-dimethyl-1,3-propanediol	10	-	-	-	-		-	-			-		-
503	nickel (II) salt	10	-	-	-	-		-	-			-		-
504	DL-2-amino-	10	-	-	-	-		-	-			-		-
505	D-A-(p-nitrophenyl)-	10	-	-	-	-		-	-			-		-
506	DL-A-(pnitrophenyl)-	10	-	-	-	-		-	-			-		-

507	Y-OCTYLMERCAPTO-	17	-	-	-	-	3-4	4-6	4-6	8-12			
508	A,A,B-TRICHLORO-; X-(1-METHYLHEPTYL)-X, X-DINITROPHENYL ESTER	0.5	-	-	4-6	6-8	-	-	4-6	4-6			
509	PENTACHLOROPHENYL ESTER	10	-	-	-	-		-	-			-	-
510	BUTYRONITRILE, 2-HYDROXY-2-METHYL-3-OXO-; ACETATE	10	-	-	-	-		-	-			2-3	4-6
511	BUTYROPHENONE, 2'-(2-CHLOROBENZYLOXY)-5'-CHLORO-2-ETHYL-	10	-	-	-	-		-	-			2-3	8-12
512	2,4'-DIBROMO-3-(p-CHLOROPHENYL)-4-NITRO-4-PHENYL-	10	-	-	-	-		-	-			-	-
513	4'-METHOXY-	10	-	-	-	-		-	-			-	-
514	2,4,4,4,4'-PENTACHLORO-3-HYDROXY	2	-	16-24	1-2	-		-	2-3			3-4	4-6
515	4,4,4,4'-TETRACHLORO-3-(p-CHLOROPHENYL)-	0.5	-	-	-	-		-	4-6			4-6	6-8
516	CADMIUM ACETATE, A. R.	10	-	-	8-12	-		-	12-16			-	-
517	CADMIUM BROMIDE, CRYSTALS	10	-	-	16-24	-		-	6-8			-	-
518	CADMIUM CHLORIDE, A. R.	10	-	-	-	-		-	6-8			-	-
519	CAKE, A,B	10	-	-	-	-		-	-			-	-
520	CALCIUM ACRYLATE	10	-	-	-	-		-	-			-	-
521	CALCIUM ROSINATE	1.5	-	-	-	-		-	-			-	-
522	B-CAMPHORAMIC ACID	10	-	-	0-1	-		-	-			-	-
523	A-CAMPHORIC ACID	10	-	-	-	-		-	-			-	-
524	A-CAMPHORSULFONYL CHLORIDE, 3-BROMO	10	-	-	-	-		-	-			-	-
525	CANDICIDIN A	10	-	-	-	-		-	-			-	-
526	CAPROIC ACID, ETHYL 2-CYANO-3-METHYL ESTER	10	-	-	-	-		-	-			-	-
527	CAPRYLOPHENONE, 2'-BENZYLOXY-2,5'-DICHLORO-	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
528	Carbamic acid, bismuth dimethyl dithio ester- ("Bismate")	10	-	-	- -	-	12-16		-	6-8
529	methylal ester	10	-	-	- -	-	-		-	-
530	2-thiocyanoethyl ester	10	-	-	- -	-	-		-	-
531	acetyl-; butyl ester	10	-	-	- -	-	-		-	-
532	N,N-bis(2-hydroxyethyl) dithio-; potassium salt	10	4-6	-	6-8 -	-	-		-	-
533	Carbamic acid, copper dimethyl dithio ester- ("Cumate")	10	-	-	- -	-	-		-	-
534	cyclohexyl-dodecyl-; benzyl ester	5	-	-	- -	-	-		-	-
		10	-	-	0-1 6-8	-	-		-	-
		15	-	-	- -	-	-		-	-
535	(2,2-dichlorethylidene) di-; diethyl ester	10	-	-	- -	-	-		-	-
536	diethyldithio-carbamylmethyl ester	10	-	-	- -	-	-		-	-
537	ester sodium salt	10	-	-	6-8 12-16	-	3-4		-	1-2
538	dimethyl dithio ester, zinc salt 90% and zinc salt of 2-benzothiazolyl mercaptide 7.8% ("Vancide 51z")	7	-	-	- -	-	16-24		-	-
539	dimethyl-; 1-isopropyl-3-methyl-5-pyrazolyl ester	10	-	-	0-1 0-1	-	1-2		-	-
540	dimethyldithio-; carbamylmethyl ester	30	-	-	- -	- -	-	-		
541	diester with 1,2-ethanedithiol	10	-	-	- -	-	-		-	-
542	ethyl ester	10	-	-	6-8 -	-	-		-	-
543	dinonyldithio-; dinonylamine salt	10	0-1	0-1	1-2 1-2	-	0-1		0-1	0-1

544	DITHIO-; PENTAMETHYLENE, PIPERIDINIUM SALT	3	-	-	16-24	-	-	8-12	-	4-6
545	NONYL ESTER, MONO-ZINC SALT	10	-	-	0-1	-	-	-	-	-
546	1-(2-HYDROXYNAPHTHYL) METHYL ESTER	10	2-3	2-3	4-6	4-6	2-3	4-6	-	2-3
547	ETHYLENEBIS [DITHIO-	10	-	-	-	-	-	-	-	-
548	DI(3,4-DICHLOROBENZYL) ESTER	10	-	-	-	-	-	-	-	-
549	DI-4-HYDROXY-4-METHYL-2-PENTANONE ESTER	10	-	-	0-1	-	-	-	-	-
550	CARBAMIC ACID, ETHYL ESTER ("URETHANE")	10	-	-	-	-	-	-	-	-
551	N-ETHYL ETHYL ESTER (N-ETHYLURETHAN)	10	-	-	-	-	-	-	-	-
552	3-FORMYLPHENYL N-PHENYL-	10	-	-	-	-	-	-	-	-
553	2-FURYL-; ETHYL ESTER	10	-	-	-	-	-	-	-	-
554	(1-HYDROXY-2,2,2-TRICHLOROETHYL)-; CHLOROETHYL ESTER	10	-	-	-	-	-	-	-	-
555	ETHYL ESTER	10	-	-	-	-	-	-	-	-
556	X-(1-METHYL HEPTHYL) BENZYL-1,1,3,3-TETRAMETHYL BUTYL-; BENZYL ESTER	10	-	-	-	-	-	-	-	-
557	2,2,2-TRICHLOROETHYLIDENE-; 2-CHLOROETHYL ESTER	10	-	16-24	2-3	-	2-3	3-4	2-3	3-4
558	CARBAMIC ACID, ISOPROPYL N-2-(5-CHLORO) PYRIDYL-	10	-	-	12-16	-	-	-	-	-
559	ISOPROPYL N-2-(3-METHYL) PYRIDYL-	10	-	-	-	-	-	-	-	-
560	ISOPROPYL N-2-(4-METHYL) PYRIDYL-	10	-	-	-	-	-	-	-	-
561	ISOPROPYL N-2-(5-METHYL) PYRIDYL-	10	-	-	-	-	-	-	-	-
562	ISOPROPYL N-2-(6-METHYL) PYRIDYL-	10	-	-	-	-	-	-	-	-
563	METHYL-; 6-CHLORO-3,4-XYLYL ESTER	1	-	-	-	-	1-2	-	-	-
564	MORPHOLINODITHIO-; ALLYL ESTER	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
565	METHALLYL ESTER	10	-	-	-	-	-	-	-
566	N-PHENYL-; ISOPROPYL ESTER (40% ACTIVE)	10	-	-	1-2	1-2	-	0-1	-	0-1
567	CARBAMIC ACID, M-PHENYLENEDI-; DIISOPROPYL ESTER	10	1-2	1-2	6-8	-	1-2	-	1-2	-
568	SELENIUM DIMETHYL DITHIO ESTER- ("METHYL SELENAC")	10	-	-	4-6	4-6	-	2-3	-	2-3
569	SODIUM DIBUTYLDITHIO- ESTER, 47% AQUEOUS SOLUTION ("BUTYL NAMATE")	10	-	-	-	-	-	-	-	-
570	SODIUM SALT, MIXED WITH THE SODIUM SALTS OF 2-THIAZOLETHIOL AND CHLORINATED PHENOLS, MAINLY PENTACHLOROPHENOL ("VANCIDE 76")	10	12-16	12-16	16-24	16-24	-	1-2	-	1-2
571	2,2,2-TRICHLOROETHYLIDENE-; ETHYL ESTER	10	-	-	-	-	-	-	-	-
572	TRIETHYLENETETRAKIS DITHIO-; ZINC SALT	10	-	-	-	-	-	-	-	-
573	CARBANILIC ACID; CYCLOHEXYL ESTER	10	1-2	-	3-4	12-16	1-2	4-6	1-2	4-6
574	METHYL ESTER	10	-	-	-	-	-	-	-	-
575	4-CARBOXY-; DIETHYL ESTER	10	-	-	-	-	-	-	-	-
576	3-CHLORO-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-
577	4-CHLORO-; 2-CHLOROETHYL ESTER	10	0-1	2-3	6-8	6-8	0-1	3-4	0-1	1-2
578	DIETHYLENEGLYCOL DIESTER	0.5	-	-	2-3	4-6	0-1	1-2	-	4-6
579	THIOCYANOMETHYL ESTER	10	-	-	-	-	-	-	-	-
580	4-CHLORO-N-CYANOMETHYL-; ETHYL ESTER	10	-	-	4-6	4-6	-	4-6	-	4-6
581	3-CHLORO-6-METHOXY-; ISOPROPYL ESTER	10	16-24	-	-	-	0-1	-	0-1	-
582	3-CHLORO-2-METHYL-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-
583	CARBANILIC ACID; 2,3-DICHLORO-; ISOPROPYL ESTER	10	-	-	-	-	-	-	4-6	16-24

584	2,5-DICHLORO-; 2-CHLOROETHYL ESTER	10	-	-	-	-	-	-			
585	N,4-DIMETHYL-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
586	2,3-DIMETHYL-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
587	2,4-DIMETHYL-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
588	DITHIO-; ALLYL ESTER	10	-	-	6-8	16-24	-	16-24	-	16-24	
589	METHYL ESTER	2	4-6	-	6-8	12-16	-	16-24	-	-	
590	4-ETHOXY-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
591	4-METHOXY-; ISOPROPYL ESTER	10	-	-	-	-	1-2	-	-	-	
592	2-METHOXY-5-NITRO-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
593	2-METHYL-5-CHLORO-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
594	CARBANILIDE, N-CARBETHOXYTHIO-	10	0-1	1-2	-	-	0-1	-	1-2	-	
595	4,4'-DINITRO- AND 2-HYDROXY-4,6-DIMETHYL PYRIMIDINE IN EQUIMOLAR CONCENTRATIONS ("NICARB")	10	-	-	-	-	-	-	-	-	
596	CARBAZIC ACID, 2-(2,5-DICHLOROPHENYL)-; ISOPROPYL ESTER	10	-	-	-	-	-	-	-	-	
597	CARBAZIC ACID, 2-METHYL-2-PHENYL-; ISOPROPYL ESTER	10	1-2	-	-	-	-	-	4-6	16-24	
598	3-PHENYL-; 2-CHLOROETHYL ESTER	10	-	-	12-16	12-16	-	4-6	-	4-6	
599	CARBAZOLE, 3-BROMO-	10	4-6	12-16	-	-	6-8	-	12-16	-	
600	N-2-CHLOROETHYL-	10	-	-	-	-	-	-	-	-	
601	N-2-THIOCYANOETHYL-	0.5	-	-	2-3	-	4-6	8-13	-	2-3	
602	CARBINOL, BIS(p-CHLOROPHENYL) ETHYNYL-	10	1-2	-	2-3	2-3	-	1-2	1-2	2-3	
603	CARBONIC ACID; ALLYL 2-CHLOROETHYL ESTER	10	-	-	-	-	-	8-13	-	16-24	
604	ALLYL 4,6-DINITRO-o-CRESYL ESTER	0.5	-	-	3-4	4-6	-	0-1	-	0-1	

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Cockeye E	Cockeye D
605	S-allyl pentachlorophenyl thio- ester	10	- -	- -	-	-	-	-
606	4-chloro-2-methylphenyl ethyl ester	1	- -	8-16 -	-	6-8	-	6-6
607	Biphenyl ester	10	0-1 0-1	2-3 -	0-1	3-4	0-1	2-3
608	Bi-p-tolyl ester	10	- -	- -	3-4	-	-	8-13
609	Ethylene (cyclic) ester	10	- -	- -	-	-	-	-
610	Isopropyl pentachlorophenyl ester	3	6-8 -	8-13 -	-	3-4	-	3-4
		10	1-2 1-2	1-2 2-3	0-1	2-3	1-2	1-2
611	Monopentyl ester, diester with N-2-hydroxy-propyl- lactamide	6	- -	- -	-	-	-	-
		10	2-3 2-3	6-8 6-8	4-6	8-12	4-6	8-12
612	Carbonic acid; mono (2,4,5-trichlorophenyl) ester diester with diethylene glycol	7	- -	- -	-	-	-	-
613	Thio-; S-carbethoxy ethyl ester	3	- -	- -	-	-	-	-
		10	- -	8-12 8-12	8-12	-	8-12	-
614	Catechol; diester with benzoic acid	10	- -	13-16 -	-	-	-	-
615	Cellobiose	10	- -	- -	-	-	-	-
616	Cetyl alcohol, with 20 moles of ethylene oxide, condensation product	10	- -	8-13 8-13	-	1-2	-	1-2
617	Chalcone	10	- -	0-1 1-2	-	0-1	-	0-1
618	3,4-dimethoxy	10	- -	1-2 1-2	0-1	1-2	0-1	1-2
619	4,4'-dimethyl-a-ethyl-	10	1-2 1-2	2-3 3-4	1-2	1-2		
620	Chloralammonia	10	- -	- -	-	-	-	-

621	A-CHLORALOSE	10	-	-	-	-		-	-		-	-
622	CHLORAMINE B; SESQUIHYDRATE	10	-	-	-	-		-	16-24		-	-
623	CHLORAMINE T	10	-	-	4-6	4-6		-	1-2		-	1-2
624	CHLORAX SPRAY POWDER	10	-	-	-	-		-	-		-	-
625	CHLORDANE (25% ACTIVE)	10	-	-	4-6	6-8		-	2-3		-	1-2
626	CHLORDANE, GAMMA ISOMER	10	-	8-13	-	-		-	4-6		-	4-6
627	8-CHLOROXANTHINE	10	-	-	-	-		-	16-24		-	-
628	CHOLIC ACID TRIFORMATE	10	-	-	-	-		-	-		-	-
629	CHOLINE CHLORIDE	10	-	-	-	-		-	-		-	-
630	CHOLINE, 2-CHLORO-4-NITROPHENOXIDE	10	-	-	-	-		-	-		-	-
631	X,X-DINITRO-X-NONYLPHENOXIDE	1	4-6	8-12	8-12	12-16	-	-	3-4	4-6		
		10	-	-	1-2	2-3		0-1	1-2		0-1	1-2
632	6-CHROMANCARBOXYLIC ACID, 2,2-DIMETHYL-	10	-	-	-	-		-	-		-	-
633	CHROMIUM DIBORIDE	10	-	-	-	-		-	-		-	-
634	CHROMIUM SALT OF PINE GUM 35%, AND TURPENTINE 65%	10	-	-	-	-		-	-		-	-
635	CHRYSENE	10	-	-	-	-		-	-		-	-
636	CINCHOMERONIC ACID; 4-ETHYL ESTER	10	-	-	-	-		-	-		-	-
637	CINCHOPHEN, 7-CHLORO	5	-	-	-	-		-	-		-	-
638	CINNAMALDEHYDE, P-NITRO-	10	-	-	2-3	4-6		1-2	2-3		1-2	2-3
639	CINNAMIC ACID; CYCLOHEXANON-2-YL ESTER	10	-	-	-	-		-	-		-	-
640	POTASSIUM SALT	5	3-5	3-5	5-7	10-14		-	-			
		10	0-1	-	1-2	-		-	-		-	-
		15	-	-	-	-		-	-			

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
641	PROPARGYL ESTER	10	-	8-12	8-12 12-16	-	6-8	8-12	12-16
642	M-AMINO-; ETHYL ESTER, HYDROCHLORIDE	10	-	-	- -	-	-	-	-
643	CINNAMIC ACID; P-BUTOXY-; 2-ETHYL-N-HEXYL ESTER	10	-	-	- -	-	-	-	-
644	A-CYANO-	10	-	-	- -	-	-	-	-
645	CITRIC ACID; NICKEL (II) SALT	10	-	-	- -	-	-	-	-
646	COBALT SALT OF PINE GUM 50% AND TURPENTINE 50%	10	-	-	- -	-	-	-	-
647	N-COCOAMINE ("ARMEEN C")	1	-	-	- -	-	-	-	-
648	COPPER (II) CHLORIDE (PURIFIED CRYSTALS)	2	-	-	16-24 -	-	12-16	-	12-16
649	COPPER (II) NITRATE (PURIFIED)	2	-	-	- -	-	16-24	-	16-24
650	COPPER SALT OF CR 976	10	-	-	- -	-	8-12	-	-
651	COPPER SULFATE; MONOHYDRATED	10	-	-	16-24 -	-	-	-	-
652	COTARNINE; HYDROCHLORIDE	10	-	-	- -	-	-	-	-
653	COUMARILIC ACID	10	-	-	- -	-	-	-	-
654	COUMARIN	10	-	-	- -	-	-	-	-
655	3(A-ACETONYLBENZYL)-4-HYDROXY- ("WARFARIN")	10	-	-	- -	-	-	-	-
656	3-BENZOYL-	10	-	-	- -	-	-	-	-
657	3-BENZYL-4-METHYL-7-HYDROXY-	10	1-2	8-12	3-4 12-16	1-2	4-6		
658	5,7-DIHYDROXY-4-METHYL-	10	-	-	- -	-	-	-	-
659	HYDROXY-	10	-	-	- -	-	-		
660	CREOSOTE NF IX	10	-	-	- -	-	-	-	-
661	M-CRESOL, 3',3'',5',5''-TETRABROMO---- SULFONEPHTHALEIN	10	-	-	- -	-	-	-	-

662	o-Cresol, 4,6-dinitro-		10	-	-	4-6	6-8	-	3-4	-	4-6
663	3,5-dinitro-		10	-	-	6-8	6-8	-	3-4	-	6-8
664	o-Cresol, tetrabromo-		2	-	-	2-3	4-6	-	2-3	-	2-3
665	p-Cresol; crotonate		2	-	-	6-8	6-8	-	8-12	3-4	6-8
666	2,6-dibromo-a,a,a-triphenyl-		10	-	-	6-8	-	-	-	-	-
667	2,4-Cresotic acid, 5-anilino-; ethyl ester		10	-	-	-	-	-	-	-	-
668	Crotonic acid; 3,4-dimethyl-7-hydroxyhydrindone ester		10	3-4	3-4	4-6	4-6	0-1	4-6	0-1	4-6
669	mandelonitrile ester		2	2-3	-	6-8	2-3	2-3	6-8	-	6-8
670	3-Benzoyl-4-(o-chlorophenyl)-2-(p-methoxyphenyl)-	A	0.5	8-12	-	12-16	12-16	-	4-6	-	4-6
		B	0.5	-	-	-	-	-	-	-	-
671	3-ethoxy-; ethyl ester		10	-	-	-	-	-	-	-	-
672	Cumene, trichloro		10	-	-	-	-	-	-	-	-
673	Cupferron		10	-	-	-	16-24	-	-	-	-
674	Cyanamide, cyanomethyl (1,1,3,3-tetramethylbutyl)-		0.5	-	-	-	-	-	-	-	-
675	Cyclohexane, 1,2,3,4,5,6-hexachloro		10	-	-	-	-	-	-	-	-
676	Cyclohexane, 1,2,3,4,5,6-hexachloro-; B isomer		10	-	-	-	-	-	-	-	-
677	γ isomer ("LINDANE", 25% active)		10	-	-	8-16	-			-	-
678	γ isomer ("LINDANE", γ99% BHC)		0.5	-	-	1-2	1-2	-	0-1	-	0-1
679	γ isomer ("LINDANE", 100%)		3	0-1	0-1	1-2	1-2	0-1	1-2	0-1	1-2
680	γ isomer ("LINDANE", 90% water-dispersible)		0.5	-	-	8-12	8-12	0-1	0-1	0-1	0-1
681	Δ isomer		10	-	-	0-1	0-1	0-1	4-6	0-1	4-6

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Sticklebacks E		D		Steelhead E		D		Sockeye E		D
682	hexamethyl-	10	-	-	-	-		-	-			-	-
683	Cyclohexaneacetic acid	10	-	-	-	-		-	-				
684	Cyclohexaneacetic acid, a-butyl-	10	-	-	-	-		-	-			-	-
685	Cyclohexanebutyric acid, nickel (II) salt	10	-	-	-	-		-	-			-	-
686	Cyclohexanecaproic acid; nickel (II) salt	24	-	-	-	-	0-1	-	1-2	-			
687	Cyclohexanecarboxylic acid, 2-thiocyanoethyl ester	10	-	-	-	-		-	8-12			-	-
688	1-methyl-2-oxo; ethyl ester	10	-	-	-	-		-	-			-	-
689	1,3-Cyclohexanedione, 5-phenyl-	10	-	-	-	-		-	-			-	-
690	Cyclohexanemethylamine, N-2-chloroethyl-N-ethyl-; hydrochloride	15	-	-	-	-	3-4	-	4-6	4-6			
691	Cyclohexanesulfonamide	30	-	-	-	-	-	-	2-3	-			
692	N,N-dicyanoethyl-	10	-	-	-	-		-	-			-	-
693	Cyclohexanol, 1-ethynyl-2-methyl-	10	-	-	-	-		-	-			-	-
694	2,2,6,6-tetramethylol-	10	-	-	-	-		-	-			-	-
695	Cyclohexanone, semicarbazone	10	-	-	-	-		-	-			-	-
		30	-	-	16-24	16-24	1-2	-	4-6	16-24			
696	2-acetyl-5-hydroxy-3-phenyl-5-styryl	10	-	-	-	-		-	-			-	-
697	Cyclohexanone, 2,6-bis(p-methoxybenzylidene)-	9	-	-	-	-		-	-			-	-
698	4-tert-butyl-	10	0-1	0-1	1-2	6-8		0-1	0-1		0-1		0-1
699	2-carbethoxy-5-hydroxy-3-phenyl-5-styryl-	30	-	-	-	-	-	-	6-8	8-12			
700	2-chloro-4-chloroacetyl-	10	4-6	4-6	16-24	-		-	-			-	6-8

701	BIPIPERONAL-	30	-	-	-	-	-	-	-	-		
702	BIVANILLYLIDENE-	10	-	-	-	-		-	-			
703	5-(1'-HYDROXY-2',2',2'-TRICHLOROETHYL)-2,3,3-TRIMETHYL-	10	-	-	8-12	-		-	-		-	-
704	2,2,6,6-TETRAMETHYLOL-	10	-	-	-	-		-	-		-	-
705	CYCLOHEXENE, 4,5-DIBENZOYL-	1	2-3	3-4	4-6	1-2	1-2	1-2	4-6	4-6		
		2	1-2	-	1-2	3-4	1-2	2-3	-	4-6		
706	4-CYCLOHEXENE-1,2-DICARBOXYLIC ANHYDRIDE, 3-PHENYL-	10	-	-	-	-		-	-		-	-
707	5-CYCLOHEXENE-1,3-DIONE,2,2,4,4,6-PENTACHLORO	10	-	-	-	-		-	6-8		-	-
708	4-CYCLOHEXENE-1; N-TRICHLOROMETHYLTHIO-; 2-DICARBOXIMIDE ("VANCIDE 89")	0.5	-	-	2-3	4-6		-	2-3		-	2-3
709	2-CYCLOHEXEN-1-ONE, 4-CARBETHOXY-3-METHYL-5-PROPENYL	10	-	-	-	-		-	0-1		-	-
710	4-CARBETHOXY-3-METHYL-5-PROPYL-	10	-	-	-	-		-	-		-	-
711	4,6-DICARBETHOXY-3-METHYL-5-PHENYL	10	-	-	0-1	-		-	4-6		-	-
712	3-METHYL-5-PHENYL-	10	-	-	-	-		6-8	-		-	-
713	CYCLOHEXENONE, PIPERONYL-	7	0-1	0-1	3-4	4-6		2-3	-			
		15	0-1	0-1	1-2	2-3		1-2	-			
714	2-CYCLOHEXEN-1-ONE, 3-METHYL-5-PROPYL-	30	6-8	-	6-8	12-16	2-3	3-4	3-4	4-6		
715	3,5,5-TRIMETHYL-; SEMICARBAZONE	30	8-12	-	12-16	-	-	-	8-12	-		
716	CYCLOHEXYLAMINE; COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	30	-	-	-	-	-	-	-	-		
717	N-2-METHYLALLYL-	30	-	-	-	-	0-1	-	0-1	1-2		
718	N-2-[2-(2-[o-1-METHYLHEPTYLPHENOXY] ETHOXY) ETHOXY] ETHYL-	1	-	-	8-12	8-12		-	2-3		-	2-3

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback				Steelhead				Sockeye	
			E		D		E		D		E	D
719	Cyclooctane	10	-	-	-	-		-	-		-	-
720	Cyclopentadiene; (product with methacrolein dimer)	30	1-2	-	-	-	0-1	-	0-1	0-1		
721	hexachloro-	0.5	-	-	-	-		-	16-24		-	-
722	1,2,3,4,5-pentachloro-5-(trichloromethyl)-	10	-	-	-	-		-	3-4		3-4	16-24
723	Cyclopentadienone, 2,3,4,5-tetrachloro-; dimethyl acetal	4	-	-	-	-		-	-		-	-
724	1,3-Cyclopentanedicarboxylic acid, 4,5-dioxo-; mixed ester (diethyl and ethyl methyl esters)	30	-	-	-	-	-	-	4-6	-		
725	Cyclopentanone; oxime	30	-	-	-	-	-	-	-	-		
726	Cyclopentene-3,5-dione, 4-isovaleryl	30	-	-	-	-	-	-	-	-		
727	p-Cymenesulfonic acid; sodium salt	30	-	-	-	-	-	-	-	-		
728	Decanoic acid; 2-[2-(2-thiocyanoethoxy) ethoxy] ethyl ester	10	1-2	-	2-3	1-2		-	0-1		-	1-2
729	2-(2-thiocyanoethoxy) ethyl ester	3	-	-	-	-		1-2	4-6		1-2	6-8
730	2-thiocyanoethyl ester	5	-	-	1-2	-		-	-		-	4-6
731	crude, 2-(2-thiocyanoethoxy (ethyl ester ("German acid")	2	-	-	-	-		-	-		-	-
732	2-thiocyanoethyl ester ("German acid"- distilled fraction)	10	6-8	6-8	8-12	8-12		-	6-8		-	2-3
733	D-40; (detergent)	10	-	-	-	-		-	-		-	-
734	Diacetonnitrile, x,x'-dimethyl-1,4-piperazine	1	-	-	6-8	6-8		-	3-4		-	3-4
735	x,x,x',x', 2-pentamethyl-1,4-piperazine-	0.5	-	-	-	-		-	-		-	3-4
736	Diamylamine	10	-	-	8-12	-		-	0-1		-	0-1

737	DIAZO BLUE B		30	-	-	8-12	0-1	6-8	-	8-12	8-12			
738	DIBENZOFURAN, 3-NITRO-		10	-	-	-	-		-	-			-	-
			30	12-16	-	16-24	-		1-2	-				
739	DIBENZYLAMINE		5	-	-	0-1	0-1		-	0-1			-	0-1
			10	0-1	-	2-3	6-8		-	2-3			-	2-3
740	DIBENZYLAMINE, N-2-CHLOROETHYL-; HYDROCHLORIDE		2	-	-	-	-		-	16-24			-	-
741	ETHANOL-		3	-	-	-	-		16-24	-			-	-
742	N,N-DIBENZYLAMINE, METHYL		10	-	-	0-1	0-1		-	0-1			-	0-1
743	1,2-DICARBOXIMIDE, N-TRICHLOROMETHYLMERCAPTO-4-CYCLOHEXENE- 75% ACTIVE AND 25% INERT 75% CAPTAN ("VANCIDE P-75")		0.5	-	-	-	-		-	-			-	-
744	DICHLORAMINE B		10	-	-	-	-		-	-			-	-
745	DICYCLOPENTADIENE; ADDITION OF CHLORINE TO, IN HAC		1	-	-	1-2	-		-	-			-	-
746	DIELDRIN	A	1	-	-	-	-		-	4-6			-	-
		B	1	-	-	2-3	4-6		-	1-2			-	1-2
747	DIETHYLAMINE, 2,2'-BIS(NONYLAMINO)-		3	2-3	2-3	3-4	3-4						-	0-1
748	DIMETHYLAMINE; PICRATE		10	-	-	16-24	-		-	-			-	-
749	DINONYLAMINE, N-METHYL-		10	1-2	-	2-3	4-6		-	0-1			0-1	1-2
750	1,3-DIOXA-6-THIACYCLOOCTANE, 2-ISOPROPYL-		10	-	-	-	-		-	-			-	-
751	2-N-PROPYL-		10	-	-	-	-		-	-			-	-
752	3-DIOXOLAN, 2-PHENYL-2,5-DIMETHYL-1; -4-ONE		10	-	-	-	-		-	-			-	-
753	2,2,5,5-TETRAMETHYL-1; -4-ONE		10	-	-	-	-		-	-			-	-
754	DIPHENYLAMINE, 4,4'-DIAMINO		10	-	-	6-8	6-8		4-6	6-8			4-6	6-8
755	2,4-DINITRO-		15	-	-	-	-	-	-	-	-			

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
756	4,4'-dioctyl- ("Vanlube 81")	10	-	-	- -	-	-		-	-
757	2,2',4,4',6,6'-hexanitro	5	1-2	1-2	2-3 2-3	-	-	0-1 0-1		
		10	-	-	0-1 0-1		-	0-1	-	0-1
758	Dipropylamine, 3,3'-bis(laurylamino)-	10	-	-	1-2 2-3		-	0-1	0-1	0-1
759	Disodium 2,2'-thiobis(4,6-dichlorophenate) ("Vancide BN")	0.5	-	-	4-6 12-16		-	2-3	-	2-3
760	Disulfide, benzothiazyl ("Altax")	10	-	-	- -	-	-		-	-
761	bis(3,5-dichloro-2-hydroxyphenyl)	0.5	-	-	6-8 -		-	6-8	-	6-8
762	dimethyldithiocarbamoyl dimethylcarbamoyl- ("Vancide OD")	5	-	-	- -		-	-	-	6-8
763	Diphenyl	10	-	-	12-16 12-16		-	16-24	-	8-12
764	3-nitrophenyl-	5	-	-	- -	-	-	- -		
		10	-	-	4-6 -		2-3	-	-	3-4
765	Dithiooxamide	10	-	-	- -		-	6-8	-	-
766	n-Dodecylamine ("Armeen 12")	1	-	-	4-6 4-6		2-3	4-6	2-3	6-8
767	tert-Dodecylamine, monocyanomethyl-	1	-	-	8-12 8-12		-	4-6	-	6-8
768	2-Dodecyne, 1-dimethylamino-4-hydroxy-	3	-	-	- -		2-3	-	2-3	3-4
769	Dresinate X	10	-	-	- -		-	-	-	-
770	"E" Cake	2	-	-	- -		-	1-2	-	-
771	A-chymotrypsin 3x cryst	10	-	-	- -		-	-	-	-
772	Ethane, 1-amino-2-bisulfate-	7	-	-	- -		-	-	-	-
773	1-benzyl-2-(2,4-dinitrophenoxy)-	10	2-3	2-3	2-3 2-3		0-1	1-2	0-1	1-2

774	1,1-BIS[*-(2-CHLOROETHOXY) PHENYL]-2,2,2-TRICHLORO-	10	-	-	-	-		-	-			-	-
775	1,1-BIS[*-(A-CHLOROETHYL) PHENYL]-2,2-DICHLORO-	10	-	-	16-24	16-24		-	16-24			-	8-12
776	1,1-BIS(3'-CHLORO-4'-HYDROXYPHENYL)-2,2-DICHLORO-	10	-	-	1-2	6-8		2-3	4-6			-	4-6
777	(1,1-BIS[CHLOROPHENYL] -2,2-DICHLORO- ("ROTHANE WP-50")	10	-	-	-	-		-	-			8-12	-
778	1,1-BIS(CHLORO OR METHOXYPHENYL)-2,2-DICHLORO-	7	4-6	-	5-8	-		-	5-8				
		10	-	-	12-16	12-16		-	-			-	-
		15	3-4	-	4-6	4-6		4-6	5-8				
779	1,1-BIS(4-CHLOROPHENYL)-2,2,2-TRICHLORO-	10	-	-	6-8	-		-	6-8			-	6-8
780	1,2-BIS(*-CYCLOHEXYLPHENOXY)-	10	-	-	-	-		-	-			-	-
781	1,2-BIS(2,4-DIBROMOPHENOXY)-	10	-	-	-	-		-	-			-	-
782	1,1-BIS [*-(1,1-DICHLOROETHYL) PHENYL] -2 2,2-TRICHLORO	10	-	-	-	-		-	-			-	-
783	1,1-BIS(3,4-DIMETHYLPHENYL)-2,2-DICHLORO-	10	-	-	-	-		-	-			-	-
784	BIS(TERT-DODECYLMERCAPTOMETHYL)-	10	-	-	-	-		-	-			-	-
785	1,1-BIS(ETHYLPHENYL)-2,2-DICHLORO- ("PERTHANE WP-50")	10	-	-	8-12	-		2-3	8-12			2-3	-
786	1,1-BIS(*-ETHYLPHENYL)-2,2-DICHLORO	10	-	-	-	-		-	4-6			-	8-12
787	ETHANE, 1,1-BIS(*-FLUOROPHENYL)-2,2-DICHLORO	5	1-2	3-4	2-3	6-8	0-1	0-1	1-2	1-2			
		10	-	-	6-8	6-8		2-3	6-8			2-3	4-6
788	1,2-BIS(*-FORMYLPHENOXY)	10	-	-	-	-		-	-			-	-
789	1,2-BIS(2-HYDROXY-4,5-DICHLOROPHENYL)-	0.5	-	-	6-8	6-8		-	1-2			-	1-2

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
790	Ethane, 1,1-bis(p-hydroxyphenyl)-2,2-dichloro-	10	8-12	8-12	- -	8-12	12-16	-	8-12
791	1,1-bis(p-hydroxyphenyl)-2,2,2-trichloro-	10	2-3	3-4	6-8	8-12	8-12	16-24	
792	1,1-bis(4-iodophenyl)-2,2,2-trichloro-	10	-	-	- -	-	-	-	-
793	1,1-bis(p-isopropylphenyl)-2,2-dichloro-	10	-	-	- -	-	-	-	-
794	1,1-bis(p-methoxyphenyl)-2,2,2-trichloro-	3	-	-	2-3	12-16	-	1-2	1-2	2-3
795	1,2-bis(o-nitrophenoxy)-	10	-	-	- -	-	-	-	-
796	1,2-bis(p-nitrophenoxy)-	10	-	-	- -	-	-	8-12	-
797	1,1-bis(p-nitrophenyl)-2,2-dichloro-	10	8-12	-	8-16	-	-	-	-
798	1,1-bis(p-octylphenyl)-2,2-dichloro-	10	-	-	- -	-	-	-	-
799	1,1-bis(p-sec-pentylphenyl)-2,2-dichloro-	10	-	-	- -	-	-	16-24	-
800	1,2-bis(2-phenoxyethoxy)-	10	-	-	- -	-	-	-	-
801	1,1-bis(p-phenoxyphenyl)-2,2-dichloro-	10	-	-	- -	-	-	-	-
802	1,2-bis[2-(o-tolyloxy) ethoxy]-	10	-	-	2-3	2-3	0-1	0-1	0-1	0-1
803	1-(2-bromo-4-tert-6-nitrophenoxy)-2-(2-chloroethoxy)-	10	-	-	- -	-	-	-	-
804	Ethane, 1-(2-bromo-4-tert-butylphenoxy)-2(2-chloroethoxy)-	10	-	-	- -	-	-	0-1	2-3
805	1-(p-bromo-o-1-methylheptylphenoxy)-2-(2-chloroethoxy)	10	-	-	- -	-	-	-	-
806	1-(2-butoxyethoxy)-2-(o-chlorophenoxy)-	10	0-1	0-1	3-4	-	2-3	-	-	-
807	1-[2-(p-tert-butyl-o-nitrophenoxy) ethoxy]-2-(2-chloroethoxy)-	10	-	-	4-6	4-6	1-2	4-6	1-2	16-24
808	1-[p-(chloro-tert-butyl)-o-nitrophenoxy]-2-(2-chloroethoxy)-	10	-	-	1-2	1-2	0-1	1-2	0-1	1-2

809	1-(2-CHLORO-4-CHLOROMETHYLPHENOXY)-2-(2-CHLOROETHOXY)-	10	-	-	-	-	-	-	-	-
810	1,(2-CHLOROETHOXY)-2-(o-CHLOROPHENOXY)-	10	6-8	6-8	-	-	0-1	-	6-8	-
811	1-(2-CHLOROETHOXY)-2-[2-(p-CHLOROPHENOXY) ETHOXY]-	10	-	-	-	-	-	-	-	-
812	1-(2-CHLOROETHOXY)-2-(2,4-DIBROMOPHENOXY)-	10	1-2	1-2	6-8	-	1-2	-	1-2	8-12
813	1-(2-CHLOROETHOXY)-2-(x,x-DICHLORO-x-METHYL HEPTYLPHENOXY)-	10	-	-	-	-	-	-	-	-
814	1-(2-CHLOROETHOXY)-2-[2,4-DI(CHLOROMETHYL) PHENOXY]-	10	-	-	-	-	-	-	-	-
815	1-p-[o-(β-CHLOROETHOXY) ETHOXYPHENYL]-1-p-[o-(3-THIOCYANOETHOXY) ETHOXYPHENYL]-2, 2,2-TRICHLORO	10	-	-	-	-	-	-	-	-
816	1-(2-CHLOROETHOXY)-2-[o-(2-METHYLALLYL) PHENOXY]-	10	-	3-4	2-3	-	-	1-2	3-4	4-6
817	1-(2-CHLOROETHOXY)-2-[2-(p-[1-METHYLHEPTYL PHENOXY) ETHOXY]-	10	-	-	-	-	-	-	-	-
818	1-(2-CHLOROETHOXY)-2-(o-NITROPHENOXY)-	10	-	-	0-1	-	-	-	-	-
819	ETHANE, 1-(2-CHLOROETHOXY)-2-(2-p-NITROPHENOXY-ETHOXY)-	10	-	-	-	-	-	-	8-12	-
820	1-(2-CHLOROETHOXY)-2-(p-TERT-PENTYL-o-NITRO-PHENOXY)-	10	8-12	-	-	-	3-4	16-24	3-4	8-12
821	1-(2-CHLOROETHOXY)-2-(2-PHENOXYETHOXY)-	10	-	-	-	-	-	-	-	-
822	1-(2-CHLOROETHOXY)-2-[2-o-TOLOXYETHOXY]-	10	-	-	-	-	-	-	-	-
823	1-(2-CHLOROETHOXY)-2-(3,5-XYLYLOXY)-	10	6-8	-	12-16	-	6-8	-	6-8	-
824	1-(4-CHLOROPHENOXY)-2-(2,4-DINITROPHENOXY)-	10	-	-	8-12	-	-	-	-	-
825	1-(p-CHLOROPHENYL)-1-(o-CHLORO-p-TOLYL)-2, 2-DICHLORO-	10	-	-	16-24	-	-	-	-	-

Table 2. continued.

Repr. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
826	1-(4-chlorophenyl)-2,2-dichloro-1-(3,4-dimethylphenyl)-	10	-	-	- -	-	-	-	-
827	1-(p-chlorophenyl)-2,2-dichloro-1-(p-ethylphenyl)-	10	4-6	4-6	8-12 16-24	3-4	8-12	3-4	8-12
828	1-(p-chlorophenyl)-2,2-dichloro-1-(p-methoxyphenyl)-	10	-	-	8-12 8-12	-	4-6	4-6	8-12
829	1-(p-chlorophenyl)-2,2-dichloro-1-(p-tolyl)-	10	-	-	- -	-	-	-	-
830	1-(4-cyclohexyl-2-nitrophenoxy)-2-phenoxy-	10	-	-	- -	-	-	-	-
831	1-(4-cyclohexylphenoxy)-2-phenoxy-	10	-	-	- -	-	8-13	-	-
832	1-(2,4-dibromophenoxy)-2-(p-chlorophenoxy)-	10	-	-	- -	-	-	-	-
833	Ethane, 1,2-dichloro-1,1,2,2-tetraphenyl-	10	-	-	- -	-	-	0-1	16-24
834	1,1-dichloro-2-(p-tolyl)-2-(o-tolyl)-	10	1-2	3-4	8-12 -	-	-		
835	1,1-dicumyl-2,2,2-trichloro-	10	-	-	0-1 -	-	-	-	-
836	1-(2,4-dinitrophenoxy)-2-[o-(1-methyl-heptyl) phenoxy]-	10	-	-	- -	16-24	-	-	2-3
837	1-(2,4-dinitrophenoxy)-2-(2-naphthyloxy)-	10	-	-	- -	-	-	-	-
838	1-(2,4-dinitrophenoxy)-2-(4-nitrophenoxy)-	10	-	-	- -	-	-	-	-
839	1-(2,4-dinitrophenoxy)-2-(o-tolyloxy)-	10	-	-	- -	-	-	-	-
840	Hexachloro-	10	-	-	- -	0-1	-	0-1	-
841	1-(p-hexylphenoxy)-2-(p-nitrophenoxy)-	10	-	-	- -	-	-	-	-
842	1-(o-methoxyphenoxy)-2-phenoxy-	10	-	-	- -	-	-	-	-
843	1-[o-(2-methylallyl) phenoxy]-2-phenoxy-	10	-	-	- -	-	-	-	-
844	1-phenoxy-2-(o-tolyloxy)-	10	-	-	- -	-	-	-	-

845	1,1,1-TRICHLORO, 2,2-BIS(p-CHLOROPHENYL) TECH.	10	-	8-13	6-8	13-17	-	6-8	-	8-13
846	1,1,1-TRIPHENYL	10	-	-	-	-	-	-	-	-
847	1,2-ETHANEDITHIOL; DIXANTHATE	10	-	-	8-13	-	-	-	-	-
848	ETHANETHIOL; COPPER SALT	10	-	-	-	-	-	8-13	-	6-8
849	2-DIETHYLAMINO-	10	16-24	-	-	-	-	-	8-13	-
850	ETHANOL, 1-ACETAMIDO-2,2,2-TRICHLORO-	10	-	-	1-2	-	-	-	1-2	8-13
851	2-(2-[2-(3-AMINOPROPOXY) ETHOXY] ETHOXY)-	10	-	-	-	-	-	-	-	12-17
852	1-ETHANOL, 1-AZASPIRO (4.5) DECANE; -PHENYL-2-CYCLOPENTENE 1-ACETETATE (ESTER) HYDROCHLORIDE	10	1-2	1-2	4-6	4-6	0-1	0-1	-	0-1
853	ETHANOL, 2-(2-BIPHENYLYLOXY)-	2	-	-	-	-	-	-		
		6	-	-	-	-	-	-		
		10	-	-	0-1	0-1	0-1	6-8	0-1	3-4
854	2-(4-BIPHENYLYLOXY)	10	-	-	16-24	-	-	-	-	-
855	1,1-BIS(CHLOROPHENYL) 2,2,2-TRICHLORO- ("KELTHANE W")	10	-	-	4-6	-	-	-	-	-
856	2-[2-(2-[2,2-BIS-p-CHLOROPHENYLVINYLOXY] ETHOXY) ETHOXY]-	10	-	-	-	-	-	-	-	-
857	2-(2-BUTOXYETHOXY)-PHOSPHOROUS ACID TRI-ESTER	10	-	-	-	-	-	-	-	-
858	2-(4-TERT-BUTYL-2-NITROPHENOXY)-	10	-	-	-	-	-	8-13	-	16-24
859	2-(2-CARBOXYETHOXY)-	10	-	-	-	-	-	16-24	-	-
860	2-CHLORO- ESTER WITH PETROLEUM OXIDATION PRODUCT	10	-	-	-	-	-	-	-	-
861	2-(4-CHLOROPHENOXY)-	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
862	Ethanol, 1-(2-chlorophenyl)-2,2-dichlorо-	2	-	-	11-16 -	-	-		
		6	2-3	2-3	11-16 -	2-3	-		
		10	-	0-1	0-1	3-4	0-1	6-8	0-1	6-8
863	2,2'-(dicamethylenedithic) di-	10	-	-	4-6	4-6	1-2	4-6	0-1	2-3
864	2-[4-(1,1-dimethylpropyl)-2-nitrophenoxy]-	10	-	0-1	0-1	2-3	-	4-6	-	0-1
865	2-(2-ethoxyethoxy)-	10	-	-	-	-	0-1	-	-	-
866	2,2'-ethylenedisulfonyldi-	10	-	-	-	-	-	-	-	-
867	2-Ethylthio-	30	-	-	-	-	-	-	-	-
868	8-mercapto-	10	-	-	-	-	-	-	-	-
869	2-(p-methoxyphenoxy)-	10	-	-	-	-	-	-	-	-
870	2,2'-(methylenedithic) di-	4	-	-	-	-	-	-	-	-
871	2,2'-(1-methyltrimethylenedithio) di-	10	-	-	13-17	-	-	-	-	-
872	2-(4-morpholinyl)-; carbanilate	10	-	-	-	-	-	-	-	-
873	2-(2-naphthyloxy)-; acetate	5	0-2	0-2	-	-	0-2	-		
		10	-	-	0-1	0-1	0-1	-	0-1	-
		15	-	-	0-1	0-1	0-1	-		
874	2,2',2"-nitrilotri-	10	-	-	-	-	-	-	-	-
875	2,2',2"-nitrilotri-; triacetate (ester)	10	-	-	-	-	-	-	-	-
876	2-(p-nitrophenoxy)-	10	-	-	-	-	-	-	-	-
877	2-[2-o-nitro-p-(1,1,3,3-tetramethylbutyl) phenoxy ethoxy -	10	6-8	8-12	16-24	16-24	-	-	-	-

		15	0-1	1-2	3-4	4-6		2-3	5-8				
878	ACETATE	30	1-2	-	3-4	3-4	0-1	1-2	3-4	4-6			
879	2-PHENOXY-	10	-	-	-	-		-	-			-	-
880	P-TOLUENESULFONATE	10	-	-	-	-		-	-			-	-
		30	-	-	8-13	-		-	-			-	-
881	ETHANOL, 2,2'-(M-PHENYLENEBIDXY) DI	10	-	-	-	-		-	-			-	-
		30	-	-	-	-		-	-			-	-
882	2,2'-SULFINYLDI-	3	-	-	-	-		-	-			-	-
883	2,2'-[P,P'-(SULFONYLDIPHENOXY)] DI-	10	-	-	-	-		-	-			-	-
884	2-(O-TOLYLOXY)-	10	-	-	-	-		-	-			-	-
885	X,X,X-TRIPHENYL-; BENZOATE	10	-	-	-	-		-	-			-	-
886	1,1,2-TRIPHENYL-	10	-	-	-	--		-	-			-	-
887	ETHER, ALLYL 3-BROMOBIPHENYLYL	10	1-2	1-2	3-4	4-6		1-2	4-6			-	1-2
888	BENZYL 2-BENZYL-4,6-DINITROPHENYL	10	-	-	-	-		-	-			-	-
889	BENZYL P-BENZYLPHENYL	10	-	-	-	-		-	-			-	-
890	BENZYL 5-BROMO-3-NITRO-O-TOLYL	10	-	-	-	-		-	-			-	-
891	BENZYL 4-TERT-BUTYL-2-CHLORO-6-NITROPHENYL	10	-	-	16-24	-		-	-			-	-
892	BENZYL 4-TERT-BUTYL-2,6-DINITROPHENYL	10	1-2	1-2	8-12	8-12		0-1	1-2			0-1	1-2
893	BENZYL P-TERT-BUTYL-X-NITROPHENYL	10	-	-	16-24	-		-	-			-	-
894	BENZYL 4-SEC-BUTYLPHENYL	10	-	-	-	-		-	-			-	-
895	BENZYL 2-(5-CHLOROBIPHENYLYL)	10	-	-	-	-		-	-			-	-
896	BENZYL 2-(6-CHLOROBIPHENYLYL)	10	-	-	-	-		-	-			-	16-24
897	BENZYL P-CRESOXYMETHYL	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D			Steelhead E	Steelhead D			Sockeye E	Sockeye D		
898	Benzyl 2-cyclohexyl-4-nitrophenyl	10	-	-	-	-	-	-			-	-		
899	Ether, benzyl 4-cyclohexyl-2-nitrophenyl	10	-	-	-	-	-	-			-	-		
900	Benzyl 2-cyclohexylphenyl	10	-	-	16-24	-	-	-			-	-		
901	Benzyl 2,3-dibromopropyl	10	-	-	-	-	1-2	-			-	2-3		
902	Benzyl 2,6-dibromo-4-(1,1,3,3-tetramethyl-butyl) phenyl	10	-	-	-	-	-	-			-	-		
903	Benzyl 2,3-dichloro-2-methylpropyl	10	-	-	-	-	-	-			-	-		
904	Benzyl 2,4-dinitrophenyl	10	-	-	-	-	-	-			-	-		
905	Benzyl x,x-dipentyl-x-nitrophenyl	10	-	-	-	-	-	-			-	-		
906	Benzyl p-iodophenyl	10	-	-	-	-	-	-			-	-		
907	Benzyl 2-isopropyl-5-methylphenyl	10	-	-	-	-	-	-			-	-		
908	Benzyl x-(1-methylheptyl)-x-nitrophenyl	10	-	-	-	-	-	-			-	12-16		
909	Benzyl 2-methyl-4-nitrophenyl	10	-	-	-	-	-	-			-	-		
910	Benzyl 2-methyl-6-nitrophenyl	10	0-1	0-1	1-2	1-2	1-2	6-8						
911	Benzyl 2-methyl-(4- and 6-) nitrophenyl	2	-	-	-	-	-	16-24			-	-		
912	Benzyl A-naphthyl	10	-	-	4-6	-	-	-			-	-		
913	Benzyl B-naphthyl	10	-	-	-	-	-	-			-	-		
914	Benzyl 2-(x-nitrobiphenylyl)	10	-	-	-	-	-	-			-	-		
915	Benzyl B-(A-nitronaphthyl)	10	-	-	16-24	16-24	-	16-24			-	16-24		
916	Benzyl 2-nitrophenyl	10	1-2	1-2	4-6	4-6	1-2	6-8			1-2	4-6		
917	Benzyl-4-nitrophenyl	10	-	-	-	-	-	-			-	-		

918	BENZYL X-NITRO-p-1,1,3,3-TETRAMETHYLBUTYL-PHENYL	10	-	-	-	-		-	-		-	-
919	ETHER, BENZYL p-TOLYL	10	-	-	-	-		-	-		-	-
920	2-BIPHENYLYL 2-METHYLALLYL	5	-	-	-	-		-	-			
		10	3-4	3-4	4-6	4-6		-	-		-	-
		15	-	2-3	2-3	4-6		2-3	4-6			
921	X-BROMOPHENYL PHENYL	10	-	-	3-4	-		-	-		-	-
922	4-TERT-BUTYL-2,6-DINITROPHENYL 2-METHYL-ALLYL	10	-	-	-	-		-	-		-	-
923	4-TERT-BUTYLPHENYL 2-CHLOROALLYL	2	-	-	3-4	-		-	3-4		-	-
924	4-CHLOROBENZYL 4-METHOXYPHENOXYMETHYL	10	3-4	-	8-12	-		-	-		-	-
925	2-CHLOROETHYL 2-(4-CHLOROMETHYL) BIPHENYLYL	10	-	2-3	1-2	16-24		3-4	-		3-4	-
		15	0-1	0-1	3-5	7-9		0-1	8-12			
		20	-	0-1	0-1	2-3		1-2	16-24			
926	4-CHLOROPHENYL 2-METHYLALLYL	10	-	-	-	-		-	-		-	-
927	2,4-DIBROMO-6-NITRO-PHENYL PHENYL	8	1-2	1-2	2-3	2-3		-	2-3			
928	1,2-DICHLOROETHYL-ETHYL-	10	-	-	-	-		-	-		-	-
929	2,4-DINITROPHENYL ETHYL	10	8-12	-	-	-		8-12	-		-	16-24
		15	12-16	16-24	-	-	16-24	16-24	-	-		
930	2,4-DINITROPHENYL o-(2-METHYLALLYL) PHENYL	10	3-4	3-4	4-6	8-12		0-1	1-2		0-1	1-2
931	2,4-DINITROPHENYL 2-NITROPHENYL	10	-	-	1-2	-		6-8	-		-	-
932	2,4-DINITROPHENYL PHENYL	10	-	-	-	-		-	-			
933	GLYCIDYL 2,4,5-TRICHLOROPHENYL	2	1-2	2-3	-	-		2-3	-			
		5	0-1	0-1	-	-		0-1	-			

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
		10	-	-	1-2	1-2	0-1	4-6	0-1	2-3
934	HYDROQUINONE MONOBENZYL- ("AGERITE ALBA")	10	0-1	-	4-6	6-8	-	8-12	0-1	4-6
935	2-METHYLALLYL 2-(1-METHYLHEPTYL) PHENYL	10	1-2	2-3	4-6	12-16	-	-		
936	ETHYLAMINE, MERCAPTO-; HYDROCHLORIDE	10	8-12	-	16-24	-	-	-	-	-
937	A-ETHYLDESOXYANISOIN	10	1-2	-	4-6	-	0-1	4-6	0-1	-
938	ETHYLENE, TRANS-1,2-BIS(N-PROPYLSULFONYL) ("VANCIDE PA")	10	-	-	0-1	6-8	3-4	6-8	-	6-8
939	1-(2,4,6-TRINITROPHENYL)-2-FURYL-	0.5	-	-	0-1	0-1	-	0-1	-	0-1
940	ETHYLENEDIAMINE, N,N'-BIS(2-ETHYLHEXYL)-	1	-	-	-	-	-	4-6	0-1	4-6
		10	12-16	-	-	-	-	-	-	-
941	N,N'-BIS(2-ETHYLHEXYL)-COBALT (II) CHLORIDE COMPLEX	10	-	-	0-1	0-1	0-1	0-1	0-1	0-1
942	N,N'-DI(2-ETHYLHEXYL)-; COPPER (II) ACETATE COMPLEX	2	-	-	8-12	8-13	-	1-2	1-2	3-4
943	N,N'-DI(2-ETHYLHEXYL)-; ZINC CHLORIDE COMPLEX	5	0-1	0-1	1-2	1-2	- 0-1	0-1	0-1	
		10	-	-	0-1	0-1	0-1	0-1	0-1	0-1
944	N,N'-DIISOOCTYL-; NICKEL CHLORIDE SALT	10	-	-	0-1	0-1	0-1	0-1	0-1	0-1
945	N,N'-DI-(3-NITROBENZENE SULFONYL)-	10	-	-	-	-	-	-	-	-
946	N,N'-DINONYL-; COPPER (II) ACETATE COMPLEX	1	-	-	2-3	8-13	-	-	-	-
947	DI-B-NAPHTHALENESULFONIC ACID	3	2-3	2-3	2-3	3-4	-	0-1	0-1	1-2
948	DIPICRATE	10	1-2	1-2	1-2	2-3	-	1-2		
949	DI-P-TOLUENESULFONIC ACID SALT	3	-	-	2-3	2-3	0-1	1-2	0-1	1-2

950	MONO MONANOATE (D-I)	10	-	-	0-1	0-1	0-1	0-1	0-1	0-1
951	ETHYLENEDIAMINE; N,N,N',N'-TETRABUTYL-; ZINC CHLORIDE COMPLEX	3	-	-	16-24	-	-	-	3-4	16-24
952	ETHYL OXAMILATE	10	-	-	-	-	-	-	-	-
953	FLUPHENAZINE DIHYDROCHLORIDE	10	1-2	-	2-3	2-3	-	0-1	0-1	0-1
954	2-FURALDEHYDE	10	-	-	-	-	-	-	-	-
955	AZINE	10	-	-	1-2	8-13	8-13	16-24	8-13	16-24
956	5-NITRO-	1	-	-	-	-	-	-	-	4-6
957	2-ETHYLSEMICARBAZONE	10	-	-	-	-	-	-	-	-
958	2-METHYLSEMICARBAZONE	10	-	-	-	-	-	-	-	-
959	OXIME	10	-	-	4-6	-	-	16-24	-	16-24
960	SEMICARBAZONE	10	-	-	-	-	-	-	-	12-16
961	SEMIOXAMAZONE	2	-	-	-	-	-	-	-	-
962	FURAN, 2-[(CINNAMYLOXY) METHYL]-	10	-	-	-	-	-	8-12	-	-
963	FURAN, METHYL	10	-	-	-	-	-	-	-	-
964	TETRAHYDRO-	10	-	-	-	-	3-4	-	3-4	16-24
965	2-FURANACRYLIC ACID; BENZYL ESTER	10	8-12	-	16-24	16-24	-	12-16	-	3-4
966	5-NITROETHYL ESTER	10	-	-	16-24	16-24	-	8-12	-	8-12
967	2-FURANGLYCONITRILE; CROTONATE	10	0-1	-	0-1	0-1	0-1	0-1	0-1	0-1
968	FURFURAL	10	-	-	-	-	-	-	4-6	12-16
969	FURFURYL ALCOHOL	10	-	-	-	-	-	-	-	-
970	CARBANILATE	5	-	-	-	-	-	-	-	12-17
971	FURFURYLAMINE,	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. no.	Chemical	Conc. mg/L	Stickleback E	Stickleback D			Steelhead E		Steelhead D		Sockeye E	Sockeye D
972	N-methyl-	10	-	-	-	-		-	-		-	-
973	N-methyl tetranydro-	10	-	-	-	-		-	-		-	-
974	tetranydro-	10	-	-	-	-		-	-		-	-
975	2-Furoic acid; N-octyl ester	10	-	-	0-1	0-1		-	0-1		-	0-1
976	Gallamide	5	-	-	-	-	-	-	-	-		
977	Gentian Violet	10	-	-	-	-	-	-	16-24	-		
978	Gibberellic acid 75%	10	-	-	-	-	-	-	-	-		
979	Glyoxal, bis(6-methyl-2-pyridyl)-	10	-	-	-	-	-	-	16-24	-		
980	bis (sodium hydrogen sulfite) hydrate	10	-	-	-	-	-	-	-	-		
981	(p-bromophenyl)-; hemihydrate	10	-	-	-	-	-	-	6-8	8-12		
982	Guanidine; complex with ½ F. wt. fluosilicic acid	10	-	-	-	-	-	-	-	-		
983	1,3-dicyano-; monopotassium derivative	21	-	-	-	-	6-8	6-8	16-24	-		
984	potassium salt	30	-	-	-	-	-	-	-	-		
985	dodecyl-; acetate ("CYPREX")	10	1-2	1-2	3-4	4-6		-	2-3		2-3	4-6
986	hydrochloride	30	-	-	-	-	-	-	-	-		
987	monohydrobromide	5	-	2-3	2-3	3-4	-	-	2-3	3-4		
988	1-phenyl-; stearate	30	-	-	-	-	-	-	-	-		
989	6-Hendecanol, 6-amyl	0.5	-	-	-	-	-	-	-	-		
		1.5	-	-	-	-	-	-	-	-		
		3	-	-	-	-	-	7-11	-	-		

990	2-HEPTANOL, 1-PHENYL-3-ETHYL	10	1-2	1-2	2-3	2-3		1-2	8-12			
991	1-HEXADECANOL	10	-	-	-	-	-	-	-	-		
992	2,4-HEXADIENE, 3,4-BIS-(4-HYDROXYPHENYL)-("DIENESTROL")	10	16-24	16-24	-	-	2-3	2-3	3-6	12-16		
993	HEXAMETHYLENETETRAMINE	10	-	-	-	-	-	-	-	-		
994	1,4,7,13,16,19-HEXOXA-10-THIANONADECANE, 1, 19-BIS(p-CHLOROPHENYL)-	3	8-12	8-12	12-16	12-16	-	0-1	0-1	1-2		
995	HEXYLAMINE, N,N-DI-(2-ETHYLHEXYLAMINOETHYL)-2 -ETHYL	1	4-6	-	6-8	6-8	-	-	1-2	3-4		
996	3-HEXYNE, 2,5-DIMETHYL-2,5-DICARBANILINO-	5	-	-	0-1	-	-	-	-	-		
997	HYDANTOIC ACID, PHENYLTHIO-	10	-	-	-	-	-	-	-	-		
998	HYDRATROPONITRILE, B-p-TOLUYL-	5	-	-	-	-	-	-	-	-		
999	HYDRAZINE, 2,4-DINITROPHENYL-	10	-	-	8-12	-	-	-	8-12	-		
1000	HYDRAZINIUM TRIFLUOROSTANNITE	10	-	-	-	-	-	-	-	-		
1001	HYDROCINNAMIC ACID A-CYANO-; ETHYL ESTER	3	-	-	-	-	-	-	4-6	8-12		
1002	HYDROGEN PEROXIDE 30%	10	-	-	-	-	-	-	-	-		
1003	HYDROQUINONE	10	-	-	1-2	1-2	-	-	0-1	0-1		
1004	HYDROQUINONE ALLYL	1,5	-	-	1-2	2-3	-	0-1	-	1-2		
		3	-	-	1-2	2-3	-	-	0-2	1-2		
1005	4,5-IMIDAZOLEDICARBOXAMIDE ("GLYCARBYLAMIDE")	10	-	-	-	-	-	-	-	-		
1006	IMIDAZOLIDINE, 1,3-DINONYL-	1	4-6	4-6	6-8	8-12	1-2	-	1-2	1-2		
1007	1,3-DINONYL-2-(2,4,4-TRIMETHYL PENTYL)-	7	1-2	1-2	2-3	4-6		1-2	2-3		0-1	1-2
1008	2-IMIDAZOLINE, 1-(2-AMINOETHYL)-2-(8-HEPTA-DECENYL)-	1	-	-	-	-	-	-	6-8	8-12		
1009	1-(2-BUTYLAMINOETHYL)-2-HENDECYL-	10	-	-	-	-		-	-		-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1010	2-(3,4-dichlorophenylmethylmercapto)-; hydrochloride	2	2-3	2-3	12-16	12-16	-	2-3	0-1	2-3
1011	1,3-Indandione, 2-isovaleryl-	10	-	-	0-1	-	-	-	-	-
1012	Indane, 2-hydroxy-8,8-dimethoxy-4,7-endomethylene-1,4,5,6,7-pentachloro-3a,4,7,7a-tetrahydro-	1	-	-	6-8	-	-	-	4-6	6-8
1013	3-Indanione, sodium 2-isovaleryl-1,-	3	8-12	-	-	-	-	-	8-12	-
1014	Indene, 8,8-dimethoxy-4,7-endomethylene-3,4 5,6,7-pentachloro-3a,4,7,7a-tetrahydro-	5	6-8	6-8	8-12	8-12	1-2	-	1-2	1-2
1015	1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methano- ("Heptachlor") technical 73%	7	-	-	-	-	3-4	-	-	-
1016	Indole	5	-	-	-	-	-	2-3	2-3	4-6
1017	Indole-3-carboxaldehyde	7	-	-	-	-	-	-	-	-
1018	Iodonium compounds; bis(N-hexylphenyl)---- chloride	0.5	6-8	-	8-12	8-12	-	-	1-2	1-2
1019	diphenyl----iodide	1	-	-	-	-	-	-	-	-
1020	Iron salt of pine gum 65%, and turpentine 35%	10	-	-	-	-	-	-	-	-
1021	Isatin, 5,7-dinitro-	10	-	-	-	-	-	-	-	-
1022	7-methyl-	10	-	-	-	-	-	-	-	-
1023	Isobiuret, 2,4-dibenzyl-1-phenyl-2,4-dithio-; monohydrochloride	10	-	-	-	-	-	-	-	-
1024	Isobutyraldehyde, dimethylallyl acetal	5	-	-	-	-	-	-	-	-
1025	A,A'-dithiodi-	10	-	-	-	-	12-16	-	-	16-24
1026	Isobutyric acid, 2,3-dichloro- sodium salt	10	-	-	-	-	-	-	-	-

1027	ISOBUTYRIC ACID, A-HYDROXY	10	-	-	-	-	-	-	-	-
1028	A-HYDROXY ANILIDE	10	-	-	-	-	-	-	-	-
1029	METHYL A-BENZOYL- ESTER	10	-	-	-	-	-	-	-	-
1030	A-THIOCYANO-I ETHYL ESTER	3	3-4	3-4	4-6	4-6	-	-	1-2	1-2
1031	ISOBUTYRONITRILE, A-HYDROXY-	3	-	-	-	-	1-2	-	2-3	4-6
1032	BENZOATE	10	-	-	-	-	-	-	-	-
1033	ISOCYANIC ACID, 3-CHLOROPHENYL ESTER	5	6-8	6-8	12-16	12-16	4-6	6-8	8-12	8-12
1034	O-NITROPHENYL	10	-	-	-	-	-	-	-	-
1035	M-NITROPHENYL ESTER	10	-	-	-	-	-	-	-	-
1036	P-NITROPHENYL ESTER	10	-	-	-	-	-	-	-	-
1037	ISONICOTINIC ACID, 2,6-DICHLORO-	10	-	-	-	-	-	-	-	-
1038	ISOPHOROL	10	-	-	-	-	-	-	-	-
1039	ISOPROPANOL, DICHLORO-; (MIXED ISOMERS)	3	6-9	8-12	-	-	1-2	1-2	4-6	4-6
1040	ISOPROPYLAMINE; COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	10	-	-	-	-	-	-	-	-
1041	ISOPROPYLXANTHIC ACID; 3,4-DICHLOROBENZYL ESTER	10	-	-	-	-	-	-	-	-
1042	ESTER WITH THIOGLYCOLIC ACID	10	-	-	-	-	-	-	-	-
1043	ISOPULEGOL	10	-	-	0-1	-	-	-	-	-
1044	ISOQUINOLINIUM COMPOUNDS; LAURYL----BROMIDE ("ISOTHAN Q15", 20%)	10	-	-	-	-	-	-	6-8	8-12
1045	D-TUBOCURARINE CHLORIDE	10	-	-	-	-	-	-	-	-
1046	ISOTHIOCYANIC ACID, PHENYL ESTER	10	-	-	-	-	-	-	-	-
1047	ITACONIC ACID	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D			Steelhead E		Steelhead D		Sockeye E	Sockeye D
1048	Ketone, 4-chlorophenyl 2-nitro-3-phenylcyclopropyl	10	-	-	-	-	-	-	-	-		
1049	cyclopropyl furfurylidenemethyl	10	-	8-12	16-24	16-24	-	-	8-12	12-16		
1050	dichloromethyl trichloromethyl	5	-	-	-	-	4-6	8-12	8-12	16-24		
1051	Lactamide; acetate	10	-	-	-	-	-	-	-	-		
1052	N-2-hydroxyethyl-; diacetate	10	-	-	-	-	-	-	-	-		
1053	N-propyl	3	-	-	-	-	-	-	-	-		
1054	Lactanilide, N-2-hydroxyethyl-	10	-	-	-	-	-	-	-	-		
1056	Lactic acid	10	-	-	-	-	-	-	-	-		
1056	acetate, allyl ester	3	-	-	-	-	-	-	-	-		
1057	acetate, o-allylphenyl ester	10	-	-	-	-	-	-	-	-		
1058	acetate, carbomethoxymethyl ester	10	-	-	-	-	-	-	-	-		
1059	acetate, cyclohexyl ester	10	-	-	-	-	-	-	0-1	-		
1060	acetate, ester with 3a,4,5,6,7,7a-hexahydro-4,7-methanoinden-5 (or 6)-ol	10	-	-	-	-	-	1-2	-	-		
1061	Lactic acid, allyl ester	10	-	-	-	-	-	-	-	-		
1062	allyl ester, lactate, hydrogen carbonate, diester with diethylene glycol	10	-	-	0-1	-	-	-	16-24	12-16		
1063	benzyl ester, carbanilate	10	-	-	-	-	-	-	-	-		
1064	butyl ester, m-cyanocarbanilate	10	-	-	-	-	-	-	-	-		
1065	butyl ester, ester with diethylene glycol, mono (butyl carbonate), mono (hydrogen carbonate	3	-	-	-	-	-	-	-	-		

1066	2-CHLOROALLYL ESTER	10	-	-	-	-	-	-	-	-
1067	3-CHLOROALLYL ESTER	10	-	-	-	-	-	-	-	-
1068	2-(2-CHLOROETHOXY) ETHYL ESTER HYDROGEN CARBONATE, DIESTER WITH DIETHYLENE GLYCOL	10	-	-	-	-	-	-	-	-
1069	2-CHLOROETHYL ESTER, CARBANILATE	10	-	-	-	-	-	-	-	-
1070	CYCLOHEXYL ESTER	10	-	-	-	-	-	-	-	-
1071	DIESTER WITH DIETHYLENE GLYCOL	10	-	-	-	-	-	-	-	-
1072	N-ETHYLCARBAMATE	10	-	-	-	-	-	-	-	-
1073	METHYL ESTER	10	-	-	-	-	-	-	-	-
1074	X-METHYLCYCLOHEXYL ESTER; HYDROGEN CARBONATE, DIESTER WITH DIETHYLENE GLYCOL	10	-	-	-	-	-	-	-	-
1075	1-METHYLHEPTYL ESTER, LACTATE	10	-	-	-	-	-	-	-	-
1076	NICKEL (II) SALT	10	-	-	-	-	-	-	-	-
1077	PROPYL ESTER, LACTATE	10	-	-	-	-	-	-	-	-
1078	PROPYL ESTER, PROPYL CARBONATE	10	-	-	-	-	-	-	-	-
1079	3,5,5-TRIMETHYLHEXYL ESTER	10	-	-	3-4	--	-	-	-	-
1080	2-METHYL-; ALLYL GLYCOLATE ESTER, ACETATE	10	-	-	-	-	-	-	-	-
1081	LACTIMIDE, N,N-BIS(2-HYDROXYPROPYL)-; TRIACETATE	10	-	-	-	-	-	-	-	-
1082	LACTIN, 1-MONO-	10	-	-	-	-	-	-	-	-
1083	LACTONITRILE; 3,3,3-TRICHLORO-	5	-	-	-	-	-	-	-	-
1084	3,3,3-TRICHLORO-P-CHLOROBENZOATE	1	-	-	-	-	0-1	-	6-8	-
1085	LAURANILIDE	10	-	-	-	-	-	-	-	-
1086	LAURIC ACID, ALLYL ESTER	10	-	-	-	-	-	-	12-16	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
1087	2-ANILINOETHYL ESTER	10	-	-	-	-	-	-	-	-		
1088	2-ANILINOETHYL ESTER, HYDROCHLORIDE	10	-	-	-	-	-	-	-	-		
1089	LAURIC ACID, 3-BROMO-2-METHYL-2-THIOCYANOPROPYL ESTER	10	-	-	-	-	-	-	-	-		
1090	3-BROMO-2-THIOCYANOPROPYL ESTER	10	-	-	-	-	-	-	-	-		
1091	γ-CHLOROALLYL ESTER	5	-	-	-	-	-	-	-	-		
1092	2-[2-CHLOROETHOXY] ETHYL ESTER	10	-	-	-	-	-	-	-	-		
1093	3-CHLORO-2-THIOCYANOPROPYL ESTER	10	1-2	4-6	8-12	-		1-2	-			
1094	2,3-DIBROMOPROPYL ESTER	10	-	-	-	-	-	-	-	-		
1095	DIESTER WITH 2,2' -DITHIODIETHANOL	10	-	-	-	-	-	-	-	-		
1096	2,3-DITHIOCYANO-2-METHYLPROPYL ESTER	10	-	-	-	-	-	-	-	-		
1097	ESTER WITH 1,3-DIMETHYLBUTYL LACTATE	10	-	-	-	-	-	-	-	-		
1098	ESTER WITH 2-N-ETHYLANILINOETHANOL	10	-	-	-	-	-	-	-	-		
1099	ESTER WITH N-(2-HYDROXYETHYL) LAURANILIDE	10	-	-	-	-	-	-	-	-		
1100	GLYCEROL MONOESTER	10	-	-	-	-	-	-	-	-		
1101	2-METHYLALLYL ESTER	10	-	-	-	-	-	-	-	-		
1102	P-NITROBENZYL ESTER	10	-	-	-	-	-	-	-	-		
1103	2-[2-(2-THIOCYANOETHOXY) ETHOXY] ETHYL ESTER	10	-	-	3-4	-	-	-	-	-		
1104	TRIESTER WITH N,N-BIS(2-HYDROXYETHYL) LACTAMIDE	10	-	-	-	-	-	-	-	-		
1105	LAUROPHENONE, X,X-DIHYDROXY- (FROM RESORCINOL)	10	-	-	-	-	-	-	-	-		

1106	LAURYL ALCOHOL, WITH 36 MOLES OF ETHYLENE OXIDE, CONDENSATION PRODUCT	10	-	-	-	-	-	-	-	-
1107	LAUSETO NEU-M-2509	10	-	-	-	-	-	-	-	-
1108	LEAD CHLORIDE, TRIPHENYL-	10	-	-	-	-	-	-	-	-
1109	LEAD FLUOROPHOSPHATE, MONO-	10	-	-	-	-	-	-	-	-
1110	LEAD HEXAFLUOROSTANNATE	10	-	-	-	-	-	-	-	-
1111	LEAD NITRATE (TECHNICAL)	10	-	-	-	-	-	-	-	-
1112	LEPIDINE	10	0-1	0-1	1-2	2-3	0-1	0-1	2-3	2-3
1113	LETHANE 60; β-THIOCYANO ETHYL ESTER OF ALPHATIC ACIDS	10	-	-	-	-	-	-	-	-
1114	L-LEUCINE, N-(2-CYANOETHYL)	8.5	-	-	-	-	-	-	-	-
1115	LEVULINATE ACID, BUTYL	10	-	-	-	-	-	-	11-16	-
1116	LEVULINIC ACID	10	-	-	-	-	-	-	-	-
1117	ALLYL ESTER	10	-	-	-	-	-	-	8-12	8-12
1118	LITHIUM CHLORIDE	10	-	-	-	-	0-1	-	-	-
1119	LITHIUM HEXAFLUOROTITANATE	10	-	-	-	-	-	-	-	-
1120	MALEIC ACID; 2-CHLOROETHYL 2-THIOCYANOETHYL ESTER	7	-	-	-	-	-	-	8-12	-
1121	BI(2-CHLOROETHYL) ESTER	3	-	-	-	-	-	-	6-8	6-8
1122	MALEOPIMARIC ACID	10	-	-	-	-		-	-	
1123	MALONIC ACID, BENZYL-(o-CARBOXYBENZAMIDO)-	30	-	-	-	-	-	-	-	-
1124	BENZYLIDENE-; DIETHYL ESTER	5	-	-	6-8	4-6	-	-	4-6	6-8
1125	(2-BUTENYL) BUTYL-; DIETHYL ESTER	5	-	1-2	-	-	-	1-2	0-1	2-3
1126	DIETHYL DIBROMO- ESTER ("VANCIDE F-845")	1	-	-	-	-	-	2-3	2-3	3-4

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E		Sockeye D	
1127	DIETHYL ESTER	10	-	-	-	-	-	-	-	-				
1128	DIETHYLISOAMYLETHYL ESTER	7	-	-	-	-	-	-	-	-				
1129	DIETHYL ISOBUTYLEROTYL ESTER	10	-	-	-	-	-	0-1	0-1	1-2				
1130	ETHYLIDENE-; DIETHYL ESTER	3	-	-	16-24	16-24	-	-	8-12	16-24				
1131	(2-FORMYLPROPYL)-; DIETHYL ESTER	30	-	-	-	-	-	-	-	-				
1132	METHYLENE-; DIETHYL ESTER	14	-	-	-	-	-	-	-	-				
1133	PHENYL-	7	-	-	-	-	-	-	-	-				
1134	MANDELONITRILE, 3,4-METHYLENEDIOXY-; BENZOATE	10	-	-	-	-	-	-	-	-				
1135	MELICOPIDINE	10	-	-	12-16	-	2-3	-	4-6	6-8				
1136	MERCURIC BORATE, PHENYL-	0.5	3-4	3-4	6-8	12-16	-	3-4	1-2	4-6				
		1	-	-	4-6	6-8	0-1	-	1-2	0-1				
1137	MERCURIC HYDROXIDE, PHENYL-	5	-	-	6-8	6-8	0-1	-	0-1	0-1				
1138	MERCURIC SALT OF POLYETHYLENE GYLCOL ALPHA-SULFOSTEARATE	10	4-6	4-6	8-12	8-12		-	4-6		-	3-4		
1139	MERCURY CHLORIDE	3	-	-	4-6	16-24	-	-	3-4	4-6				
1140	MERCURY, PHENYL-; NITRATE	1	-	-	6-8	6-8	1-2	1-2	1-2	1-2				
1141	METHACRYLIC ACID	1	-	-	-	-	-	-	-	-				
1142	METHANE, BIS(5-CHLORO-2-HYDROXYPHENYL)-; CETYL-DIMETHYLAMINE MONO SALT	1	-	-	-	-	-	-	16-24	16-24				
1143	METHANE, 2,2-DIHYDROXY-3-NITRO-3',5,5'-TRICHLORO-BIPHENYL-	0.5	-	-	1-2	2-3	-	-	0-1	0-1				
1144	(2'-HYDROXY-3'-ISOPROPYL-5'-CHLORO-PHENYL)- (2-ISOPROPOXY-3-ISOPROPYL-5-CHLOROPHENYL)-	3	-	-	4-6	6-8	-	-	4-6	4-6				

1145	4,7-METHANOINDENE, 3A,4,7,7A-TETRAHYDRO-	3	-	-	-	-	-	-	-	-
1146	4,7-METHANOINDENE-1,8-DIONE, 2,3,3A,4,5,6,7,7A-OCTACHLORO-3A,4,7,7A-TETRAHYDRO-	3	-	-	-	-	-	-	1-2	1-2
1147	4,7-METHANOINDENEONE, DECACHLOROTETRAHYDRO-	3	-	-	3-4	6-8	2-3	-	2-3	2-3
1148	METHOXYCHLOR (PURIFIED)	10	-	-	-	-	-	-	1-2	1-2
1149	METHYLENEIMINE, N-DODECYL-	3	2-3	2-3	3-4	3-4	0-1	0-1	0-1	1-2
		5	1-2	1-2	2-3	2-3	-	-	1-2	1-2
1150	METHYL BROMOACETATE	10	-	-	-	-		-	-	
		30	0-1	0-1	0-1	0-1	-	-	0-1	0-1
1151	4-BROMOCROTONATE	10	2-3	-	3-4	3-4		-	2-3	
1152	VINYL KETONE	10	-	-	2-3	2-3		0-1	1-2	
1153	METHYLTHIONINE CHLORIDE ("METHYLENE BLUE")	10	-	-	-	-	-	-	-	-
1154	MONOCROTALINE	10	-	-	-	-	-	-	-	-
1155	MORPHOLINE, N- (X-METHYLACETONITRILE)	5	-	3-4	2-3	4-6	0-1	0-1	1-2	1-2
1156	4-(2-NAPHTHYLTHIOACETYL)-	5	-	-	-	-	-	-	-	-
1157	MORPHOLINE SALT OF PINE GUM 70% AND TURPENTINE 30%	10	16-24	16-24	-	-	1-2	1-2	12-16	12-16
1158	MUCOCHLORIC ACID; 2-CHLOROETHYL ESTER	5	-	-	4-6	4-6	2-3	2-3	2-3	2-3
1159	NAPHTHALENE, 1-BROMO-2,3-DIMETHYL-	5	-	-	-	-	-	-	-	-
1160	1-(2-BROMOETHOXY)-4-NITRO-	10	6-8	-	-	-	8-12	16-24	-	-
1161	1,2,3,4,10,10-HEXACHLORO-6-7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4,5,8-DIMETHANO- ("ENDRIN") TECH. 94.5%	1	-	-	2-3	2-3	0-1	0-1	1-2	1-2
1162	1-NAPHTHALENESULFONIC ACID, 4-AMINO-5-HYDROXY-	10	-	-	-	-	-	-	-	-
1163	1,3,6-NAPHTHALENETRISULFINIC ACID, 9-AMINO-; DISODIUM SALT	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
1164	Naphthenic acid, butyl ester	30	-	-	-	-	-	-	-	-		
1165	"D"	30	0-1	-	-	4-6	0-1	-	1-2	2-3		
1166	glycol ester	30	-	-	-	-	-	-	-	-		
1167	mercury salt, 25% Hg ("Nuodex Mercury 25%)	5	12-16	12-16	16-24	16-24	-	-	1-2	2-3		
1168	mercury salt, 10% Hg, mixed with cresol ("AD-11")	30	-	-	4-6	4-6	-	-	1-2	1-2		
1169	tetrahydrofurfuryl ester	15	-	-	-	-	-	-	-	-		
		30	4-6	-	6-8	8-13	4-6	-	12-16	12-16		
1170	1-chloro-	30	-	-	-	-	-	-	6-8	6-8		
1171	1-dichloro-	30	1-2	-	2-3	1-2	1-2	-	0-1	1-2		
1172	1-Naphthoic acid, 2-hydroxy-	18.5	-	-	-	-	-	-	-	-		
1173	8-nitro-	30	-	-	-	-	-	-	-	-		
1174	2-Naphthoic acid 6,7-dimethoxy-4-(3,4-dimethoxyphenyl)-3-hydroxymethyl-1,2,3,4-tetrahydro-; γ-lactone (from A-conidendrin)	17	-	-	12-16	-	-	-	16-24	16-24		
1175	1-hydroxy-; p-chlorobenzyl ester	30	-	-	-	-	-	-	-	-		
1176	6-hydroxy-4-(4-hydroxy-3-methoxyphenyl)-3-hydroxymethyl-7-methoxy-1,2,3,4-tetrahydro-; (from A-conidendrin)	26.5	-	-	-	-	-	-	-	-		
1177	3-hydroxy-7-sulfo-	30	-	-	-	-	-	-	-	-		
1178	3-Naphthoic acid, 1-amino-	30	-	-	-	-	-	-	-	-		
1179	2-Naphthol	30	0-1	0-1	0-1	4-6	-	-	0-1	0-1		

1160	1-Naphthol, 2,4-dichloro-	10	-	-	1-2	2-3	0-1	0-1	1-2	1-2
1181	2-Naphthol, cis-decahydro-	30	1-2	1-2	1-2	2-3	1-2	-	1-2	1-2
1182	1,6-dibromo-	1	-	-	-	-	-	-	-	-
1183	1-nitro-	30	-	8-13	16-24	16-24	-	-	-	-
1184	1-nitroso-	10	1-2	1-2	1-2	1-2		-	1-2	
1185	1-piperidinomethyl-	0.5	-	-	-	-	6-8	-	12-16	12-16
1186	x,x-Naphthoquinone	0.5	2-3	2-3	2-3	2-3	0-1	-	1-2	1-2
1187	2,3-dichloro-	1	-	-	3-4	3-4	-	-	0-1	1-2
		30	0-1	1-2	1-2	1-2	0-1	0-1	1-2	1-2
1188	1,2-Naphthoquinone	1	-	-	2-3	2-3	-	-	0-1	0-1
1189	1,2-Naphthoquinone	0.5	-	1-2	0-1	16-24	-	-	0-1	0-1
1190	1,4-Naphthoquinone pract.	0.5	1-2	-	2-3	2-3	-	1-2	1-2	2-3
1191	1,4-Naphthoquinone, 2,3-dichloro- ("Phygon Technical", 95% active)	1	-	-	2-3	2-3	-	-	1-2	1-2
1192	9,9-dimethoxy-5,8-endomethylene-5,6,7,8-tetrachloro-5,6,7,8-tetrahydro-	10	-	-	-	-	-	-	-	-
1193	2-methyl	1	-	2-3	4-6	4-6	-	-	1-2	1-2
1194	1-Naphthylamine	7	0-1	2-3	8-12	-		0-1	-	
		30	0-1	0-1	8-12	8-12		0-1	-	
1195	compound with 1,3,5-trinitrobenzene	30	-	-	4-6	4-6	-	1-2	1-2	4-6
1198	N-phenyl	30	-	-	-	-	-	-	-	-
1197	Naringenin	30	-	-	-	-	-	-	-	-
1198	l-Nicotine	0.5	-	8-12	8-12	16-24		3-4	16-24	
		1	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback E	Stickleback D	Stickleback D	Steelhead E	Steelhead E	Steelhead D	Steelhead D	Sockeye E	Sockeye D
1199		2.5	-	-	1-2	1-2	-	-	16-24	-		
		5	0-1	0-1	0-1	0-1	-	-	0-1	0-1		
1200	Nicotine; complex with ½ F. wt. of cadmium thiocyanate	1	-	-	-	-	-	-	-	-		
1201	complex with 1 F. wt. copper (I) thiocyanate	0.5	-	-	-	-	-	-	-	-		
1202	Nicotine; complex with 1 F. wt. of thiocyanic acid and ½ F. wt. of cadmium thiocyanate	10	0-1	0-1	0-1	0-1		-	0-1			
1203	complex with 1 F. wt. of thiocyanic acid and ½ F. wt. of manganese (II) thiocyanate	0.5	-	-	0-1	0-1	-	-	0-1	-		
		1.5	-	0-1	0-1	0-1	-	-	0-1	0-1		
		3.5	-	-	-	-	-	-	-	-		
		4.5	-	-	-	-	-	-	0-1	-		
		8	-	-	0-1	0-1	-	-	0-1	1-2		
		10	-	-	0-1	0-1	-	-	0-1	0-1		
1204	sulfate (40%)	10	-	-	-	-	-	-	-	-		
1205	Nicotinic acid	10	-	-	-	-	-	-	--	-		
1206	p-Nitrobenzyl bromide	1	-	-	12-16	12-16	-	-	6-8	6-8		
1207	1-(5-Nitrofurfurylideneamino) hydantoin	10	-	-	-	-	-	-	-	-		
1208	Nonionic detergent ("Vanzak 112")	5	-	-	-	-	-	-	-	-		
		10	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-		

1209	NONYLAMINE, N-(1,1,3,3-TETRAMETHYLBUTYL)-; COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	0.5	-	-	-	-	-	-	-	-
1210	1-NONYNE, 3-DIMETHYLAMINO-	1	-	-	-	-	-	-	-	-
1211	NORBICYCLOPENTANE, X-BROMO-X,X-DICHLORO-	10	0-1	1-2	-	-	0-1	1-2	-	-
1212	9-OCTADECENYLAMINE, N,N-DIMETHYL-	10	-	-	8-12	16-24	-	12-16	2-3	16-24
1213	OCTANOIC ACID; 2-CYANO-2-PROPYL ESTER	3	2-3	2-3	2-3	3-4	0-1	0-1	1-2	1-2
1214	2-(2-THIOCYANOETHOXY) ETHYL ESTER	10	0-1	0-1	2-3	2-3	-	-	0-1	0-1
1215	2-OCTENEAMINE, N-(1,1,3,3-TETRAMETHYLBUTYL)-5, 5,7,7-TETRAMETHYL-	1	4-6	8-12	6-8	-	0-1	0-1	1-2	1-2
1216	4-OCTEN-1-YNE, 4-ETHYL-3-SORBOXY-	10	-	-	-	-	-	-	1-2	-
1217	OCTOFOLLINE	10	0-1	0-1	1-2	1-2	0-1	0-1	0-1	0-1
1218	OCTYLPHENOL-FORMALDEHYDE POLYMER AND CYCLOHEXYLAMINE	10	-	-	2-3	2-3	-	-	0-1	0-1
1219	1-OCTYNE, 3-DI (3',5',5'-TRIMETHYLHEXYL) AMINO-5,7,7-TRIMETHYL)-	10	0-1	0-1	2-3	2-3	-	-	0-1	0-1
1220	4-ETHYL-3-HYDROXY-	10	0-1	0-1	1-2	-	0-1	0-1	-	-
1221	3-[METHYL-(2-DIMETHYLAMINOETHYL) AMINO]-6 7,7-TRIMETHYL-	3	-	3-4	3-4	-	-	-	0-1	1-2
1222	OLEIC ACID; 4-TERT-BUTYL-2,6-DINITROPHENYL ESTER	10	6-8	8-12	8-12	12-16	-	2-3	2-3	3-4
1223	PHENYLMERCURY SALT, 10% Hg ("NUODEX PMD 10")	1	-	-	16-24	16-24	-	3-4	3-4	4-6
1224	OROTIC ACID	10	-	-	-	-	-	-	-	-
1225	OXAMIDE, N,N'-BIS(CARBOXYMETHYL) DITHIO-	10	-	-	-	-	-	-	-	-
1226	OXAMIDE, N,N'-BIS(2-HYDROXYETHYL) DITHIO-	10	-	-	-	-	-	-	-	-
1227	N,N'-DIBENZYLDITHIO-	10	-	-	-	-	-	-	-	-
1228	N,N'-DICYCLOHEXYLDITHIO-	10	-	-	-	-	-	-	-	-
1229	N,N'-DICODECYLDITHIO-	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
1230	N,N'-diisopropyl-	10	-	-	-	-	-	-	-	-		
1231	dithio- (Rubeanic acid)	10	-	-	-	-	3-4	-	4-6	4-6		
1232	Oxanilic acid, copper (II) salt	3	-	-	-	-	-	-	8-12	8-12		
1233	2'-carboxy-copper (II) salt	3	1-2	-	6-8	-		-	-			
1234	2-Oxazolidinone, 5-morpholinomethyl-3-(5-nitro-furfurylidene-amino)- ("Furaltadone")	10	-	-	-	-	-	-	-	-		
1235	4-Oxonipecotic acid, 1-benzyl-; ethyl ester, hydrochloride	10	-	-	-	-	-	-	-	-		
1236	Paraffin, nitro-; insecticide ("Dilan") (25% active)	10	-	-	2-3	-	-	-	-	-		
1237	Pentanamide, N-(3-chloro-4-methylphenyl)-2-methyl- ("Solan") technical	10	3-4	3-4	-	-	0-1	0-1	-	-		
1238	2,4-Pentanedione, phenylmercurate	2	8-12	-	16-24	16-24	-	-	4-6	4-6		
1239	3-Pentenenitrile, 2-hydroxy-; p-chlorobenzoate	1	3-4	-	4-6	8-12	1-2	1-2	2-3	4-6		
1240	3-Pentenenitrile, 2-hydroxy-; crotonate	1	-	-	-	-	-	-	-	-		
1241	furoate	1	-	-	8-12	-	-	-	-	-		
1242	Percarbamic acid, dimethyltrithio-; butyl ester	1	-	-	16-24	-	-	-	8-12	8-12		
1243	Phenanthrenequinone	0.5	-	-	8-12	4-6	-	-	8-12	8-12		
1244	o-Phenanthroline	10	0-1	1-2	16-24	-	0-1	0-1	-	-		
1245	1,10-Phenanthroline	30	0-1	-	0-1	0-1	-	-	0-1	0-1		
1246	Phenazine	10	12-16	12-16	-	-	0-1	0-1	12-16	-		
1247	o-Phenethylamine, N, a-dimethyl-; hydrochloride (U.S.P.)	10	-	-	-	-	-	-	4-6	4-6		

1248	PHENETOLE, 8-BROMO-4-NITRO-	10	1-2	1-2	16-24	-	0-1	1-2	-	-
1249	8-CHLORO-4-(1,1-DIMETHYLPROPYL)-	8	0-1	0-1	-	-		0-8	-	
1250	8-CHLORO-2-METHYL-	10	1-2	1-2	1-2	-	0-1	1-2	1-2	-
1251	4, 8-DICHLORO-	10	-	0-1	2-3	2-3	0-1	0-1	1-2	-
1252	8, 2,4-TRIBROMO-	10	0-1	1-2	1-2	8-12	0-1	2-3	8-12	16-24
1253	PHENOL, 2-AMINO-	3	-	-	0-1	-	-	-	-	-
		30	12-16	-	12-16	0-1	-	-	8-12	8-12
1254	P-TOLUENESULFONATE ESTER	30	-	-	-	-	0-1	12-16	-	-
1255	2-AMINO-4-NITRO-	10	-	-	-	-	-	-	-	-
1256	4-AMINO-2-PHENYL-	3	4-6	-	8-12	8-12	-	-	8-12	8-12
1257	M-BROMO-	1	-	-	-	-	-	-	-	-
1258	4-BROMO-	10	-	-	0-1	0-1	-	-	0-1	0-1
1259	4-BROMO-2-CHLORO-6-NITRO-	10	1-2	1-2	1-2	4-6	0-1	0-1	0-1	0-1
1260	X-BROMO-2-(1-METHYLHEPTYL)-X-NITRO-; ACETATE	10	-	2-3	2-3	2-3	-	-	0-1	0-1
1261	2-BROMO-4-METHYL-6-NITRO-	10	0-1	0-1	3-4	16-24	0-1	0-1	0-1	0-1
1262	2-BROMO-4-NITRO-	10	-	-	-	-	-	-	-	-
1263	3-BROMO-NITRATION OF CRUDE PRODUCT FROM:	10	-	-	-	-	-	-	-	-
1264	3-BROMO-6-NITRO	10	6-8	-	8-12	-		-	-	
1265	2-BROMO-4-TERT-BUTYL-; P-TOLUENESULFONATE	30	-	-	-	-	-	-	-	-
1266	2-BROMO-4-PHENYL-; SODIUM DERIVATIVE	10	0-1	0-1	1-2	1-2	0-1	0-1	1-2	1-2
1267	3-BROMO-2,4,6-TRINITRO-	10	8-12	-	16-24	-	-	-	-	-
1268	4-(2-BUTENYL)-	3	-	-	-	-	6-8	-	-	-
		7	2-3	2-4	-	-		0-1	3-5	

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback E	Stickleback D	Stickleback D	Steelhead E	Steelhead E	Steelhead D	Steelhead D	Sockeye E	Sockeye D
		10	0-1	0-1	3-5	11-16		0-1	3-5			
1269	4-SEC-BUTYL-	5	-	-	0-1	0-1	-	-	0-1	0-1		
1270	4-TERT-BUTYL-	10	0-1	-	0-1	0-1	-	-	0-1	0-1		
1271	ACETATE	10	-	-	0-1	0-1	-	-	0-1	0-1		
1272	-P-TOLUENESULFONATE	30	-	-	-	-	-	-	-	-		
1273	N-BUTYL P-AMINO- ("SUCONOX 4")	10	-	-	-	-	-	-	-	-		
1274	4-TERT-BUTYL-2-CHLORO-	10	0-1	0-1	8-2	2-3	-	-	0-1	0-1		
1275	4-TERT-BUTYL-2,6-DICHLORO-	8	-	-	-	-	-	-	-	-		
1276	2-SEC-BUTYL-X,X-DINITRO- ("DOW GENERAL WEED KILLER")	10	-	-	0-1	0-1	-	0-1	0-1	0-1		
1277	4-TERT-BUTYL-2,6-DINITRO-	10	-	-	1-2	6-8	-	-	1-2	1-2		
1278	ACETATE	0.5	2-3	2-3	3-4	3-4	-	0-1	0-1	0-1		
1279	P-TOLUENESULFONATE	30	-	-	2-3	3-4	0-1	-	0-1	0-1		
1280	4-TERT-BUTYL-2-NITRO-	10	-	-	4-6	4-6	1-2	-	2-3	1-2		
1281	POTASSIUM DERIVATIVE	30	-	-	1-2	2-3	0-1	-	1-2	1-2		
1282	P-TOLUENESULFONATE	30	0-1	-	1-2	2-3	0-1	-	1-2	1-2		
1283	2-CAPRYL-; SALT WITH CETYLDIMETHYLAMINE	2	-	8-12	2-3	-	-	-	3-4	3-4		
1284	2-CAPRYL-6-CROTONYL-	5	0-1	2-3	0-1	6-8	-	-	2-3	2-3		
1285	X-CAPRYL-X,X-DINITRO; SALT WITH CETYLAMINE, N,N-DIMETHYL	1	-	-	8-12	8-12	-	-	1-2	3-4		
1286	PHENOL, 4-CHLORO-	10	-	-	0-1	0-1	-	-	0-1	0-1		
1287	CETYLDIMETHYLAMINE SALT	5	6-8	6-8	-	-	-	2-3	2-3	3-4		

1288	2(?)-CHLORO-4,6-DIISOPROPYL-	30	1-2	-	1-2	3-4	1-2	-	1-2	1-2
1289	2-CHLORO-4,6-DINITRO-	30	-	-	-	-	-	-	-	-
1290	2-CHLOROMERCURI-	0.5	-	-	12-16	-	-	-	12-16	12-16
1291	4-CHLOROMERCURI-	30	-	-	6-8	6-8	-	-	2-3	4-6
1292	X-CHLORO-2-(1-METHYLHEPTLY)-	10	1-2	6-8	2-3	8-12	-	-	1-2	1-2
1293	X-(X-CHLORO-1-METHYL-HEPTYL)-X,X-DICHLORO-	30	-	-	3-4	4-6	-	-	1-2	1-2
1294	X-NITRO-	0.5	-	-	3-4	-	-	-	1-2	4-6
1295	ACETATE	3	-	12-16	8-12	-	-	-	2-3	4-6
1296	2-CHLORO-4-NITRO-	10	-	-	-	-	-	-	-	-
1297	3-CHLORO-4-NITRO-	5	-	-	-	-	-	-	-	-
1298	4-CHLORO-2-NITRO-	10	-	8-12	8-12	-	-	-	-	-
1299	5-CHLORO-2-NITRO-	10	-	-	-	-	-	-	-	-
1300	4(?)-CHLORO-3-PENTADECYCL-	28	-	-	12-16	-	-	-	-	-
1301	4- AND 6-CHLORO-2-PHENYL- ("DOWICIDE 31")	10	-	-	0-1	0-1	0-1	0-1	0-1	0-1
1302	2-CHLORO-4-(1,1,3,3-TETRAMETHYLBUTYL)-	10	-	-	1-2	1-2	-	0-1	0-1	1-2
1303	2-CYCLOHEXYL-X,X-DINITRO- ("DN DRY MIX No. 1")	0.5	-	-	16-24	-	-	-	-	-
1304	2-CYCLOHEXYL-4,6-DINITRO-	0.5	-	-	16-24	-	-	-	6-8	6-8
1305	4-CYCLOHEXYL-2,6-DINITRO-	0.5	-	12-16	16-24	-	-	8-12	4-6	16-24
1306	ACETATE	0.5	0-1	2-3	3-4	4-6	0-1	0-1	0-1	0-1
1307	PHENOL, O-CYCLOPENTENYL-	10	-	-	1-2	1-2	-	-	1-2	1-2
1308	P-CYCLOPENTENYL-	10	-	3-4	1-2	8-12	0-1	-	4-6	0-1
1309	2,4-DIAMINO-; DIHYDROCHLORIDE	10	-	-	-	-		-	-	
1310	2,6-DIBROMO-4-NITRO-	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D			Steelhead E		Steelhead D		Sockeye E	Sockeye D
1311	2,6-dibromo-4-(1,1,3,3-tetramethyl-butyl)-acetate	30	-	-	4-6	-	-	-	-	-		
1312	3,4-dichloro-	1	-	-	-	-	1-2	1-2	3-4	-		
1313	2,5-dichloro-4-nitro-	10	-	-	12-16	-	-	-	-	-		
1314	4,5-dichloro-2-nitro-	10	-	-	-	-	-	-	0-1	1-2		
1315	2,4-dichloro-6-phenyl	7	1-2	1-2	2-3	3-4		2-3	4-6			
1316	dichlorophosphate	30	-	-	-	-	-	-	-	-		
1317	x,x-dinexyl-; mixture of hexyl isomers	6.5	-	-	-	-	-	-	1-2	4-6		
1318	4(1,1-dimethylpropyl)-2-nitro-	30	-	-	0-1	0-1	0-1	-	0-1	0-1		
1319	acetate	30	0-1	-	0-1	0-1	-	-	0-1	0-1		
1320	sodium derivative	30	-	-	1-2	4-6	0-1	-	0-1	1-2		
1321	2,4-dinitro-	3	-	-	-	-	-	-	-	-		
		10	-	-	-	-	-	-	8-12	8-12		
		30	-	-	8-12	8-12	-	-	2-3	6-8		
1322	Phenol, 2,5-dinitro-	10	-	-	-	-	-	-	-	-		
1323	2,6-dinitro-	10	-	-	-	-	-	-	-	-		
1324	p-(2,4-dinitroaniline)	4	0-1	0-1	3-4	8-12		-	-			
		10	-	-	4-6	4-6	3-4	3-4	4-6	6-8		
1325	2,6-dinitro-4-chloro-	10	-	-	-	-	-	-	-	-		
1326	2,4-dinitro-6-hexyl	1	-	2-3	3-4	3-4	-	-	1-2	1-2		
1327	x,x-dinitro-x-(1-methylheptyl)-; crotonate	1					-	-	1-2	2-3		

1328	2,6-DINITRO-4-NEXYL-; SODIUM DERIVATIVE	1	-	-	8-12	16-24	-	-	8-12	8-12		
		10	-	-	8-12	-		-	-		-	-
1329	2,4-DINITRO-6-PHENYL	10	-	2-3	2-3	4-6	-	2-3	2-3	3-4		
1330	2,6-DINITRO-4-(1,1,3,3-TETRAMETHYLBUTYL)-; COPPER (II) DERIVATIVE	3	-	8-12	8-12	12-16	-	-	3-4	3-4		
1331	SODIUM SALT	10	2-3	-	3-4	6-8	-	1-2	2-3	2-3		
1332	P-TOLUENESULFONATE	30	-	-	-	-	-	-	-	-		
1333	X,X-DIPENTYL-X-NITRO-	30	-	-	0-1	1-2	1-2	-	1-2	2-3		
1334	X,X-DISTYRYL-	30	0-1	-	0-1	1-2	0-1	-	0-1	0-1		
1335	2-FLUORO-4-NITRO-	10	-	-	-	-	-	-	-	-		
1336	3-ISOPROPYL-	30	-	-	0-1	0-1	-	-	0-1	0-1		
1337	4-ISOPROPYL-	3	-	-	-	-		1-2	2-4			
		10	-	-	0-1	0-1	-	-	0-1	0-1		
1338	N-LAURYL P-AMINO- ("SUCONOX 12") TECH.	10	-	-	-	-	-	-	-	-		
1339	2-(2-METHYLALLYL)-ACETATE	30	-	-	0-1	1-2	-	-	0-1	0-1		
1340	P-TOLUENESULFONATE	30	-	-	-	-	-	-	16-24	-		
1341	2-(2-METHYLALLYL)-4-NITRO-	30	2-3	-	2-3	4-6	0-1	0-1	0-1	1-2		
1342	2,2'-METHYLENEBIS(6-TERT-BUTYL-4-ISOPROPYL)-	30	-	-	-	-	-	-	-	-		
1343	4(?)-(1-METHYLHEPTYL)-; TERT, PHOSPHITE ESTER	30	1-2	-	1-2	1-2	0-1	-	1-2	1-2		
1344	X-(1-METHYLHEPTYL)-X-NITRO-; P-TOLUENE-SULFONATE	30	-	-	2-3	6-8	-	-	1-2	2-3		
1345	2-(1-METHYLHEPTYL)-X-NITRO-; ACETATE	10	-	-	1-2	1-2	-	-	0-1	0-1		
		30	-	-	0-1	0-1	-	-	0-1	0-1		

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1346	m-Nitro-	10	1-2	1-2	-	-	-	-	-	-
1347	o-Nitro-	10	-	-	-	-	-	-	-	-
1348	p-Nitro-	10	-	-	-	-	-	-	-	-
1349	2-Nitro-4-phenylazo-	10	-	-	6-8	6-8	-	2-3	2-3	6-8
1350	4-(4-Nitrophenylazo)-	10	-	-	-	-	-	-	12-16	12-16
1351	p-Nitroso-; acetate	30	-	-	-	-	-	-	-	-
1352	2-Nitro-4-(1,1,3,3-tetramethylbutyl-; acetate	10	1-2	1-2	2-3	2-3	-	1-2	1-2	2-3
1353	4-Nitro-3-trifluoromethyl-	10	-	-	-	-	-	-	-	-
1354	N-Nonane-p-amino ("Suconox-9")	10	-	-	16-24	16-24	-	-	16-24	12-16
1355	Phenol, pentachloro-	0.5	-	-	16-24	-	-	-	16-24	-
1356	3-(2-Phenoxyethoxy)- (white)	30	-	-	0-1	2-3	0-1	-	0-1	1-2
	(red)	30	-	-	0-1	0-1	-	-	0-1	0-1
1357	sodium salt	30	-	-	0-1	0-1	0-1	-	0-1	0-1
1358	2-Phenyl-	12.5	-	0-1	0-1	1-2	0-1	0-1	0-1	0-1
		30	-	-	0-1		0-1	-	0-1	0-1
1359	N-Stearoyl p- amino- ("Suconox 18")	10	-	-	-	-	-	-	-	-
1360	2,4'-Sulfonylbi-	30	-	-	-	-	-	12-16	4-6	16-24
1361	4,4'-Sulfonylbi-	24	-	-	-	-	-	-	-	-
1362	2,3,4,6-Tetrachloro- ("Dowicide 6")	10	0-1	0-1	1-2	1-2	-	-	0-1	0-1
1363	4-(1,1,3,3-Tetramethylbutyl)-; sodium derivative	30	-	-	0-1	1-2	-	-	0-1	0-1

1364	4-(1,1,3,3-TETRAMETHYLBUTYL)-2-(1,1,3,3-TETRAMETHYLBUTYLAMINOMETHYL)-; 2-INDENE PHOSPHONATE	30	-	-	4-6	4-6	-	-	3-4	6-8		
1365	2,2'-THIOBIS [4-TERT-BUTYL-	2	-	-	-	-	-	-	-	-		
1366	2,2'-THIOBIS [4,6-DICHLORO- ("ACTAMER")	1	2-3	2-3	6-8	6-8	-	-	1-2	2-3		
1367	2,4,6-TRIBROMO-	5	-	0-1	16-24	16-24	0-1	1-2	1-2	1-2		
1368	TRICHLORO-	5	1-2	1-2	1-2	4-6	0-1	0-1	0-1	0-1		
1369	PHENOL, 2,4,5-TRICHLORO- ("DOWICIDE 2")	10	-	1-2	0-1	1-2	-	-	0-1	0-1		
1370	2,4,6-TRICHLORO- ("DOWICIDE 2S")	10	0-1	0-1	4-6	16-24	0-1	0-1	0-1	0-1		
1371	2,3,6-TRICHLORO-4-NITRO-	10	-	-	12-16	-	-	-	-	-		
1372	3,4,6-TRICHLORO-2-NITRO-	10	-	-	-	-	-	-	-	-		
1373	2,4,X-TRICHLORO-6-PHENYL-	10	0-1	-	2-3	2-3		0-1	0-1		0-1	1-2
1374	2,4,6-TRIIODO-	10	-	-	12-16	16-24	1-2	1-2	2-3	2-3		
1375	PHENOTHIAZINE, 3-THIOCYANO-	1	0-1	0-1	1-2	1-2	0-1	0-1	0-1	0-1		
1376	p-PHENYLENEDIAMINE; N-PHENYL-	8	0-1	0-1	1-2	1-2		8-12	16-24			
1377	5-PHENYLHYDANTOIN, 5-BROMO	10	-	-	1-2	-	-	-	-	-		
1378	5-ETHYLMERCAPTO-	10	-	-	-	-	-	-	-	-		
1379	4-PHENYL PHENACYL BROMIDE	1	-	-	6-8	6-8	-	-	1-2	1-2		
1380	PHENYLPHOSPHONIC DICHLORIDE	10	-	-	-	-	-	-	-	-		
		30	-	-	-	-	-	-	-	-		
1381	PHLORIDZIN	10	-	-	1-2	-	-	-	-	-		
1382	PHLOROGLUCINOL, METHYL-; TRIACETATE	10	-	-	-	-	-	-	-	-		
1383	PHOSPHINE OXIDE, TRIS (2-CARBAMOYL ETHYL)-	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
1384	Phosphonic acid, diethyl acetaldehyde diethyl acetal	10	-	-	-	-	-	-	-	-		
		30	-	-	-	-	-	-	-	-		
1385	diethyl-p-aminobenzyl-	10	-	-	8-12	-		-	-			
		30	-	-	-	-	-	-	-	-		
1386	diethyl-2-bromoethyl-	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		
1387	diethyl cyanomethyl-	10	-	-	-	-		-	12-16			
		30	-	-	-	-	-	-	-	-		
1388	diethyl ethyl acetate ester	10	-	-	16-24	-		-	-			
		30	-	-	-	-	-	-	-	-		
1389	diethyl 1-ethyl-4-crotonate	10	-	-	-	-	-	-	-	-		
		30	-	-	-	-	-	-	-	-		
1390	diethyl methyl acetate	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		
1391	diethyl vinyl ester	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		
1392	dimethyl methylacetate	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		
1393	2-oxoheptyl dimethyl ester	10	-	-	-	-		-	-			
1394	Phosphoric acid; bis(2-butoxyethyl) 2,2-dichlorovinyl ester	7	-	-	-	-	-	-	-	-		

1395	BIS(2-ETHYLHEXYL) ESTER, DIESTER WITH 1,3-PROPANEDIOL	30	-	-	-	-	-	8-12	-	-	
1396	BIS(TETRAHYDROFURFURYL) 2,2-DICHLOROVINYL ESTER	10	-	-	-	-	-	-	12-16	-	
1397	2-CARBETHOXY-2-CHLORO-1-METHYLVINYL DIETHYL ESTER	2	-	2-3	2-3	3-4		-	16-24		
		5	-	-	1-2	2-3		-	8-12		
		10	-	-	1-2	1-2		-	4-6		- -
1398	CARBOXYPHENYL ESTER	30	-	-	-	-	-	-	-	-	
1399	P-CHLOROBENZENE DIAZONIUM HEXAFLUORO- ESTER ("PHOSFLUOROGEN A")	4	-	-	6-8	-	-	-	12-16	-	
1400	2-CHLOROVINYL DIETHYL ESTER	30	-	-	16-24	-	-	-	3-4	3-4	
1401	DIBENZYL ESTER	10	-	-	-	-		-	-		
		30	-	-	-	-	-	-	-	-	
1402	2,2-DICHLORO-1-DIETHYLAMINOVINYL DIETHYL ESTER	30	-	-	-	-	-	-	-	-	
1403	2,2-DICHLOROVINYL PROPYLENE ESTER	30	-	-	-	-	-	-	-	-	
1404	2,2-DICHLOROVINYL TETRAMETHYLENE ESTER	0.5	8-12	8-12	12-16	12-16	-	-	8-12	8-12	
1405	DIETHYL BENZYL ESTER	10	-	-	-	-		-	-		
		30	-	-	-	-	-	-	-	-	
1406	DIETHYL CHLORO-	10	-	-	-	-		-	-		
1407	DIETHYL 1-ETHOXY -2,2,2-TRICHLOROETHYL ESTER	30	-	-	-	-	-	-	-	-	
1408	DIETHYL-P-FLUOROPHENYLAMIDO-	10		-	-			-	-		
		30	6-8	-	-	-	-	-	-	-	
1409	DIETHYL FURFURYLAMIDO-	10	-	-	-	-		-	-		

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D			Steelhead E	Steelhead D			Sockeye E		Sockeye D	
		30	-	-	-	-	-	-	-	-				
1410	DIETHYL PHENYL ESTER	10	-	-	-	-		-	-					
1411	DIETHYL PHENETHYLAMIDO	10	-	12-16	4-6	16-24		6-8	12-16					
		30	-	-	-	-	-	-	-	-				
1412	p-DIOXANE DI-	10	-	-	-	-		-	-					
		30	-	-	-	-	-	-	-	-				
1413	DIPHENYL AZIDO	10	-	-	0-1	0-1		-	0-1					
		30	-	-	-	-	-	-	-	-				
1414	DIPHENYL CHLORO-	30	0-1	0-1	3-4	4-6	0-1	0-1	1-2	1-2				
1415	ETHYL DICHLORO-	10	-	-	-	-		-	-					
		30	-	-	-	-	-	-	-	-				
1416	MIXTURE OF BIS [2-CHLORO-1-(CHLOROMETHYL) ETHYL], BIS(2,3-DICHLOROPROPYL), MONO [2-CHLORO-1-(CHLOROMETHYL) ETHYL], AND MONO (2,3-DICHLOROPROPYL) ESTERS	10	-	-	16-24	-		-	-		-	-		
1417	1-NAPHTHYL MONOSODIUM SALT, MONOHYDRATE	10	0-1	-	12-16	-		-	-					
		30	-	-	-	-	8-12	-	0-1	-				
1418	4-NITROPHENYL DISODIUM SALT, HEXAHYDRATE	30	-	-	-	-	-	-	-	-				
1419	p-NITROPHENYL ESTER	10	-	-	12-16	-		-	-					
1420	O,O, DIMETHYL 2,2,2, TRICHLORO-1-N-BUTYRYL-OXYETHYL- ESTER ("BUTONATE") 25% EMULSIFIABLE CONCENTRATE	10	-	-	-	-	-	-	-	-				
1421	O,O, DIMETHYL 2,2,2, TRICHLORO-1-N-BUTYRYL-OXYETHYL- ESTER ("BURONATE") TECH.	10	-	-	16-24	-	-	-	16-24	16-24				

1422	TRIALLYL ESTER	10	-	-	-	-		-	-	
		30	-	-	-	-	-	-	-	-
1423	TRIETHYL ESTER	30	-	-	-	-	-	-	-	-
1424	TRIS (BUTOXYETHYL)-	10	0-1	0-1	4-6	4-6		0-1	0-1	
		30	0-1	0-1	1-2	2-3	0-1	0-1	1-2	1-2
1425	TRIS (2-CHLOROETHYL) ESTER	10	-	-	-	-		-	-	
1426	TRIS (2,3-DIBROMOPROPYL) ESTER	10	-	-	1-2	-	6-8	-	16-24	-
1427	TRIS (p-NITROPHENYL) ESTER	10	-	-	8-12	-		8-12	-	
		30	-	-	2-3	2-3	-	-	1-2	1-2
1428	THIONO-; DI(2-CHLOROETHYL) p-NITROPHENYL ESTER	3	8-12	12-16	16-24	-	-	-	16-24	-
1429	PHOSPHOROCHLORIDIC ACID, BIS(DIMETHYL AMINO)-	10	16-24	-	-	-		-	-	
		30	-	-	-	-	-	-	-	-
1430	BIS(2,2,2-TRICHLOROETHYL) ESTER	10	0-1	0-1	1-2	2-3	0-1	0-1	2-3	-
		30	-	-	-	-		-	-	
1431	DIBUTYL ESTER	11	-	-	-	-	-	-	-	-
1432	PHOSPHORODIAMIDIC CHLORIDE, N,N'-DIPHENYL-	15	-	-	2-3	-	-	-	-	-
1433	N,N,N',N'-TETRAMETHYL	30	-	-	-	-	-	-	-	-
1434	PHOSPHORODICHLORIDIC ACID, p-NITROPHENYL	10	-	-	0-1	0-1		-	0-1	
		30	-	-	0-1	0-1	-	-	0-1	0-1
1435	PHOSPHOROTHIOIC ACID; O,O-DIETHYL O-(2-ETHYL-MERCAPTOETHYL) ESTER ("SYSTOX" TECHNICAL)	30	-	-	3-4	3-4	-	-	2-3	3-4
1436	O,O-DIMETHYL O-(4-NITROPHENYL) ESTER	30	-	-	-	-	-	-	-	-
1437	O,O,O,O'-TETRAETHYL S,S' METHYLENE BIS-ESTER ("DL-ETHIONINE")	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D			Steelhead E	Steelhead D			Sockeye E	Sockeye D
1438	Phosphorous acid, 2-benzyloxyethyl triester	30	-	-	-	-	6-8	-	12-16	-		
1439	bis(1-methylheptyl) ester	30	1-2	-	1-2	-	0-1	1-2	1-2	1-2		
1440	bis(3,5,5-trimethylhexyl) ester	30	1-2	-	-	-	0-1	0-1	-	-		
1441	dibenzyl ester	10	-	-	-	-		0-1	-			
		30	4-6	-	-	-	0-1	0-1	3-4	4-6		
1442	diisopropyl ester	10	-	-	-	-		-	-			
		30	-	-	-	-	-	-	-	-		
1443	triethyl ester	30	-	-	4-6	4-6	-	1-2	1-2	2-3		
1444	tris(2-ethylhexyl) ester	10	1-2	1-2	6-8	-	-	-	-	-		
1445	Phthalic acid; 2-chloroethyl ester, copper (II) salt	1	-	-	-	-	-	-	-	-		
1446	Phthalic acid; 3,6-endoxohexahydro-; di(N,N-dimethylalkylamine salt 66.7% active, 33.3% inert	10	1-2	1-2	1-2	1-2	-	0-1	0-1	0-1		
1447	mono(N,N-dimethylalkylamine salt 53% active, 47% inert	10	1-2	1-2	2-3	2-3	-	-	0-1	1-2		
1448	2-Picolinium, 1-(4-amino-2-N-propyl-5-pyrimidinylmethyl)-; chloride, hydrochloride (Amprol)	2.5	-	-	-	-	-	-	-	-		
		10	-	-	-	-	-	-	-	-		
1449	Picrotoxin	10	-	-	8-12	8-12		1-2	4-6		-	4-6
1450	Piperidinium, (3-carbamoyl-3,3-diphenylpropyl)-1,2,6-trimethyl-; bromide	4.5	-	-	-	-	-	-	-	-		
1451	Podophyllin	0.5	-	-	-	-	-	-	-	-		

1452	POLYETHER ALCOHOLS, TERT-ALKYL AMINO- (PRIMINOX 43")	10	0-1	0-1	1-2	1-2	0-1	-	0-1	0-1
1453	POLYMERIC COMPOUND, LONG CHAIN CATIONIC ("VANZAK RA")	10	-	-	-	-	-	-	-	-
1454	POLYOXYETHYLENE GLYCOL; MOL. WT. 396, X-DODECYL-BENZYL MONO ETHER	10	-	-	-	-	-	-	-	-
1455	POLYOXYPROPYLENE GLYCOL; MOL. WT. 900, MONO-N-PROPYL ETHER	10	-	-	8-12	-	-	-	-	-
1456	POLYSULFIDE, DI(BUTYLCARBITYL)-	10	-	-	-	-	-	-	6-8	-
1457	PORPHYREXIDE	1.5	-	-	-	-	-	-	-	-
1458	POTASSIUM FERRICYANIDE	10	-	-	-	-	-	-	-	-
1459	POTASSIUM FERRIOCYANIDE	10	-	-	-	-	-	-	-	-
1460	POTASSIUM FLUOROSULFINATE	10	-	-	-	-	-	-	-	-
1461	POTASSIUM TETRAFLUOROARSENITE	10	-	-	-	-	-	-	-	-
1462	POTASSIUM XANTHOGENATE	10	-	-	-	-	-	-	-	-
1463	PROCAINE HYDROCHLORIDE	10	8-12	-	-	-	-	-	0-1	-
1464	PROPANOLAMINE	10	-	-	-	-	-	-	-	-
1465	1-PROPANOL-2-AMINO-	10	-	-	-	-	-	-	-	-
1466	PROPANE, 1-AMINO-1-PHENYL-3-PIPERIDINO-	8	16-24	16-24	-	-	-	-	-	-
1467	2,2-BIS(4-BENZYLOXY-3-NITROPHENYL)-	30	-	-	2-3	-	-	-	-	-
1468	2,2-BIS(4-BENZYLOXYPHENYL)-	30	-	-	-	-	-	-	-	-
1469	2,2-BIS[4-(2-HYDROXYETHOXY) PHENYL]-	30	4-6	-	6-8	-	8-12	-	-	-
1470	2,2-BIS[4-(4-NITROBENZYLOXY) PHENYL]-	30	-	-	-	-	-	-	-	-
1471	2,2-BIS[4-(2-PHENOXYETHOXY)PHENYL]-	30	-	-	-	-	-	-	-	-
1472	PROPANE, 1,3-DIHYDROXY-2-METHYL-2-PHENYL-	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
1473	1-Propane, 1-(3,4-dimethoxyphenyl)-2-nitro-	10	0-1	0-1	0-1	0-1		
1474	Propane, 1,2,3-tribromo-	30	0-1	1-2	0-1	1-2	0-1	-	0-1	0-1
1475	1,3-Propanediamine, N,N'-bis(cyclohexyl)-2-hydroxy-	30	-	-	-	-	-	-	-	-
1476	1,3-Propanediamine, N-N-coco- ("Duomeen C")	10	-	0-1	0-1	1-2	-	-	0-1	0-1
1477	N,N-dialkyl-2-hydroxy-	10	-	-	6-8	6-8	1-2	1-2	1-2	1-2
1478	N,N'-dinonyl-2-hydroxy- (-)	30	0-1	-	0-1	0-1	-	-	0-1	0-1
	(=)	30	-	-	-	-	-	-	6-8	6-8
1479	N,N-dodecyl- ("Duomeen 12")	10	-	-	0-1	0-1	-	-	0-1	0-1
1480	1,2-Propanediol, with ethylene oxide; mole. wt. 965, condensation product	30	-	-	-	-	-	-	-	-
1481	mole. wt. 2555, condensation product	30	-	-	-	-	-	-	-	-
1482	mole. wt. 4000, diacetate of the condensation product	30	-	-	16-24	-	-	-	-	-
1483	1,2-Propanediol, with propylene oxide; mole. wt. 1800, condensation product	30	-	-	-	-	-	-	-	-
1484	1,3-Propanediol, D-(-)-threo-2-dichloroacetamido-1-p-nitrophenyl- ("Chloramphenicol")	10	-	-	-	-	-	-	-	-
1485	Propanephosphonic acid, 1,3-diphenyl-3-oxo-	30	0-1	2-3	1-2	4-6	0-1	-	1-2	1-2
1486	x-Propanol	30	-	-	-	-	-	-	-	-
1487	1-Propanol, 3-[o-(and p-) aminophenyl]-	30	-	-	0-1	0-1	-	-	0-1	0-1
1488	3-methylmercapto-	20.5	-	-	-	-	-	-	-	-
1489	2-Propanol, 1-allyloxy-3-chloro-	30	-	-	-	-	-	-	-	-

1490	1-AMINO-	30	-	-	-	-	-	-	-	-
1491	1,3-BIS(METHYLAMINO)-	30	-	-	-	-	-	-	-	-
1492	1-CYCLOHEXYLAMINO-	14	0-1	-	-	-	0-1	-	0-1	-
1493	1-(CYCLOHEXYLOXY)-	30	-	-	-	-	-	-	-	-
1494	2-PROPANOL, 1-(p-CYCLOHEXYLPHENOXY)-	10	6-8	6-8	-	-	6-8	6-8	16-24	16-24
1495	1-DIMETHYLAMINO-	30	-	-	-	-	-	-	0-1	2-3
1496	2,2'-IMINODI-; COMPLEX WITH ½ F. WT. FLUOSILICIC ACID	5	-	-	-	-	-	-	-	-
1497	1-ISOPROPOXY-	30	-	-	-	-	-	-	-	-
1498	1,1'-ISOPROPYLIDENEBIS(p-PHENYLENEOXY)DI-	30	1-2	-	1-2	2-3	0-1	-	0-1	0-1
1499	2-PROPANONE, 1,3-DITHIOCYANO-	30	-	-	-	-	-	-	-	-
1500	X-PROPENE, 1,3-DICHLORO- MIXTURE WITH 1,2-DICHLOROPROPANE	30	-	-	-	-	-	-	-	-
1501	2-PROPENE-1-ARSONIC ACID	22	-	-	-	-	-	-	-	-
1502	2-PROPENE-1-OL, 2-CHLORO-	15	-	-	-	-	-	-	-	-
1503	2-PROPENE-1-SULFONIC ACID, 2-METHYL-; SODIUM SALT	18	-	-	-	-	-	-	-	-
1504	β-PROPIOLACTONE	10	-	-	-	-	-	-	-	-
1505	β-PROPIOLACTONE MODIFIED ROSIN	10	0-1	-	0-1	-	-	-	-	-
1506	PROPIONALDEHYDE	14	-	-	-	-	-	-	-	-
1507	PROPIONAMIDE, N,N'-ETHYLENEBIS[2-METHYL-	30	-	-	-	-	-	-	-	-
1508	PROPIONIC ACID; DIESTER WITH N-2-HYDROXYETHYLLACTAMIDE	30	-	-	-	-	-	-	-	-
1509	DIESTER WITH N-2-HYDROXYPROPYLLACTAMIDE	20.5	-	-	-	-	-	-	-	-
1510	5-NITROFURFURYL ESTER	9	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E	Sockeye D
1511	3-BROMO-	9	-	-	-	-	-	-	-	-		
1512	3-CHLORO-METHYL ESTER	20.5	-	-	-	-	-	-	-	-		
1513	(?)-DICHLORO-3,3-DI(p-CHLOROPHENYL)-; ETHYL ESTER	30	-	-	-	-	-	-	-	-		
1514	3-DIMETHYLDITHIOCARBAMYL-	30	-	-	-	-	-	-	-	-		
1515	1,3-DIOXO-2-ISOINDOLINE	10	-	-	-	-	-	-	-	-		
1516	3,3-DIPHENYL-	25.5	-	-	-	-	-	-	-	-		
1517	3-ETHOXY-; HEXYL ESTER	30	-	-	-	-	0-1	4-6	-	-		
1518	2-PHENOXY-	30	-	-	-	-	-	-	-	-		
1519	3-THIOBI-; ETHYL ESTER	(-) 30	-	-	-	-	-	-	4-6	4-6		
		(=) 30	8-12	8-12	-	-	0-1	1-2	-	-		
1520	3-(3,5-XYLYOXY)-	30	-	-	-	-	-	-	-	-		
1521	PROPIONITRILE, 3-(2-BENZYLOXYETHOXY)-	30	-	-	-	-	-	-	-	-		
1522	3-CYCLOHEXYLAMINO-	30	-	-	-	-	-	-	-	-		
1523	3-(2-DIMETHYLAMINOETHYLAMINO)-	30	-	-	-	-	-	-	-	-		
1524	2-(DIMETHYL-4-MORPHOLINE)	3	1-2	1-2	1-2	1-2	-	-	0-1	0-1		
1525	3-(2-ETHYLHEXYL) AMINO	30	-	-	-	-	-	-	-	-		
1526	3-HYDROXY-CARBANILATE	30	1-2	-	-	-	1-2	-	-	-		
1527	3-ISOPROPOXY-	30	0-1	-	1-2	1-2	-	-	0-1	0-1		
1528	3-(x-NITROBENZYLOXY)-	30	-	-	-	-	-	-	-	-		
1529	3-PHENOXY	30	-	-	-	-	-	-	-	-		

1530	3-TRIDECYLAMINO-	10	1-2	1-2	2-3	3-4		1-2	1-2				
1531	PROPIOPHENONE, 4'-AMINO-	5	0-1	-	3-4	-		-	-				
1532	4'-HYDROXY- (PURE)	10	-	-	-	-	-	-	-	-			
1533	P-METHOXY	10	-	-	-	-	-	-	-	-			
1534	2-METHYL-3-DIMETHYLAMINO-; HYDROCHLORIDE	10	-	-	16-24	-	16-24	16-24	-	-			
1535	2-METHYL-3-PYRROLIDINO	10	-	-	-	-	-	-	-	-			
1536	3-PIPERIDINO-; HYDROCHLORIDE	10	0-1	0-1	0-1	1-2	0-1	0-1	1-2	1-2			
1537	3-PYRROLIDINO-; HYDROCHLORIDE	10	-	-	2-3	6-8	-	-	4-6	4-6			
1538	PROPYL THIOPYROPHOSPHATE, TETRA-	10	-	-	-	-	-	-	-	-			
1539	1-PROPYNE, 3-DIMETHYLAMINO-4-METHYL-	10	-	-	-	-		-	-			-	-
1540	PROTOCATECHUIC ACID	10	-	-	-	-		-	-			-	-
1541	PSEUDOHYDANTOIN, 5-METHYLTHIO-	8	-	-	-	-		-	-				
1542	PSEUDOTHIURONIUM COMPOUNDS; S-(3,4-DICHLORO-BENZYL)----CHLORIDE	5	3-4	6-8	8-12	8-12		-	2-3			1-2	2-3
1543	PSEUDOUREA, 2-ALLYL-2-THIO-; HYDROCHLORIDE	10	-	-	-	-		-	-			-	-
1544	PSEUDOUREA, 2-BENZYL-2-THIO-; MONOHYDROCHLORIDE	10	-	-	1-2	-		-	-			-	-
1545	THIOCYANATE	3	-	-	-	-		-	-			-	-
1546	2-DECYL-2-THIO-; HYDRIODIDE	4	-	-	1-2	1-2		0-1	0-1			0-1	0-1
1547	HYDROBROMIDE	8.5	-	-	0-1	0-1		0-1	0-1			0-1	0-1
1548	HYDROCHLORIDE	2	-	-	1-2	1-2	-	-	0-1	0-1			
1549	1,3-DIETHYL-2-DODECYL-2-THIO-; HYDROBROMIDE	1	2-3	2-3	4-6	3-4		-	0-1			-	0-1
1550	1,3-DIETHYL-2-HEXADECYL-2-THIO-; HYDROBROMIDE	6.6	-	6-8	8-12	-		-	2-3			1-2	2-3
1551	HYDROCHLORIDE	3	-	-	-	-		3-4	6-8			-	3-4
1552	1,3-DIMETHYL-2-DODECYL-2-THIO-; HYDROBROMIDE	1	-	-	4-6	4-6		2-3	4-6			0-1	2-3

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
1553	1,3-dimethyl-2-hexadecyl-2-thio-; hydriodide	2	-	-	-	-	-	-
1554	hydrobromide	5	-	-	-	2-3	-	0-1
1555	hydrochloride	7	-	-	-	0-1	-	0-1
1556	2-hexadecyl-2-thio-; hydrochloride	7.5	0-1	3-4	-	-		
1557	7-Pteridinediol, 2-mercapto-6-methyl-4	10	-	-	-	-	-	-
1558	Pyran, dihydro-	10	-	-	-	-	-	-
1559	4H-Pyran-3,5-dicarboxylic acid, 2,6-dimethyl-4-oxo-; diethyl ester	10	-	-	-	-	-	-
1560	2H-Pyran-2-one, 4-dimethylcarbamoxy-6-methyl-	10	-	-	-	-	-	-
1561	4H-Pyran-4-one, 5-hydroxy-2-(hydroxymethyl)-	10	-	-	-	0-1	-	-
1562	Pyrane, 2-(tert-butoxyethoxy)-tetrahydro-	10	-	-	-	-	-	-
1563	2-furfuryloxy-tetrahydro-	10	-	-	-	-	-	-
1564	2-tetrahydrofurfuryloxy-tetrahydro-	10	-	-	-	-	-	-
1565	Pyrazine, 3-chloro-2,5-dimethyl-	10	-	-	-	-	-	-
1566	2-(N-phenylamino)-3-methyl-	10	-	-	-	-	-	-
1867	2-(N-phenyl-N-methylamino)-3-methyl-	10	-	-	1-2	-	4-8	-
1568	5-Pyrazolol, 3-methyl-; ester with di(O-ethyl thiophosphoric acid)	10	-	-	-	-	-	-
1569	ester with diethylphosphoric acid	10	-	-	-	-	-	-
1570	Pyrazolone, 1,5-dimethyl-2-phenyl-3-	10	-	-	-	-	-	-
1571	4,4'-methylenebis[1-phenyl-3-methyl-	10	-	-	-	-	-	-

1572	PYRENE	10	-	-	0-1	-		-	-			-	-
1573	3,4-BENZO-	10	-	-	0-1	-		-	-			-	-
1574	PYRIDINE, 3-ACETY-	10	-	-	0-1	-		-	-			-	16-24
1575	PYRIDINE, [(9(OR10)-AZAANTHRACENE, DIBENZO [B,E]- ("ACRIDINE")	3	-	0-1	0-1	-		0-1	8-12			0-1	-
1576	COMPOUND WITH FERROCYANIC ACID	10	-	-	-	-		-	-				
1577	2-(2-DIALLYLAMINOETHYL)-	10	-	-	-	-		-	-			-	-
1578	2,6-DIAMINO-	5	-	-	-	-		-	16-24			-	-
1579	2,6-DISTYRYL-	10	-	-	-	-		-	-			-	-
1580	5-NITRO-2,2'-OXYDI-	10	-	-	-	-		-	-			-	-
1581	2-STYRYL-	3	-	-	-	-	-	-	-	-			
1582	2-PYRIDINETHIOL-1-OXIDE-; SODIUM SALT ("VANCIDE NP")	10	-	-	-	-		-	16-24			-	8-12
1583	PYRIDINIUM COMPOUNDS; 1-ALLYL----DIISOPROPYLBEN-ZENESULFONATE	10	-	-	-	-		-	-			-	-
1584	DODECYLBENZYL----CHLORIDE	2	-	4-6	8-12	8-12		-	6-8			4-6	6-8
1585	3-HYDROXY-1-PHENYL-CHLORIDE	10	-	-	-	-		-	-				
1586	PYRIDINIUM COMPOUNDS; KERYLBENZYL----CHLORIDE	5	-	-	-	-	-	-	-	-			
1587	TRI-ISOPROPYLBENZYL----CHLORIDE	10	-	-	-	-		-	-			-	-
1588	2-PYRIDINOL, 5-METHYL-	10	-	-	-	-		-	-				
1589	4-PYRIDINOL, 3-NITRO-	4	-	-	-	-		-	-			-	-
1590	PYRIDOXINE HCL	10	-	-	-	-		-	-			-	-
1591	PYRIMIDINE, 2-AMINO-	10	-	-	-	-		-	-			-	-
1592	1-BUTYL-2-HENDECYL-1,4,5,6-TETRAHYDRO-	10	-	0-1	1-2	1-2		0-1	0-1			-	0-1
1593	2-CHLORO-4-DIMETHYLAMINO-6-METHYL-	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
1594	2-thio-4,4,6-trimethyltetrahydro- ("thiate A")	10	- -	- -	- -	- -	- -	- -
1595	2,4,5-triamino-6-hydroxy-; sulfate	10	- -	- -	- -	- -	- -	- -
1596	5H-1-Pyridin-2-ol, 4-acetamido-6,7-dihydro-acetate	7	- -	- -	- -	- -	- -	- -
1597	4-amino-3-bromo-6,7-dihydro-	10	- -	8-12 -	- -	- -	- -	- -
1598	4-p-toluenesulfonamido-6,7-dihydro-	10	- -	- -	- -	- -	- -	- -
1599	γ-Pyrone, 2,6-dimethyl-	10	- -	- -	- -	- -	- -	- -
1600	Pyronin Y	10	- -	12-16 12-16	-	16-24	-	-
1601	Pyrophosphoramide; N,N,N',N'',N''',N''''-octamethyl	10	- -	- -	- -	- -	- -	- -
1602	Pyrophosphoric acid; unsym. dibutyl diethyl ester	10	- -	- -	- -	- -	- -	- -
1603	sym. diurea	10	- -	- -	- -	- -	- -	- -
1604	ethyl tributyl ester	10	- -	- -	- -	- -	- -	- -
1605	tetrabutyl ester	10	- -	- -	- -	- -	- -	- -
1606	tetraethyl ester (40% active)	10	- -	- -	- -	- -	- -	- -
1607	tetralead salt and dilead salt	10	- -	- -	- -	- -	- -	- -
1608	monoseleno-; tetraethyl ester	10	- -	- -	- -	- -	- -	- -
1609	monothiono-; tetrabutyl ester	10	- -	- -	- -	- -	- -	- -
1610	tetraethyl ester	10	- -	- -	- -	- -	- -	- -
1611	thiono-; tetraethyl ester	10	- -	- -	- -	- -	- -	- -
1612	tetrapropyl ester	10	- -	- -	- -	- -	- -	- -
1613	Pyrrole, 5,5'-dithiobis[1-methyl-2-(3-pyridyl)]	5	- 6-8	4-6 8-12	-	4-6	-	4-6

1614	N-(4-THIOCYANO)-	1	-	1-2	1-2	2-3		0-1	0-1			0-1	0-1
1615	2-PYRROLICARBOXYLIC ACID, 4-ACETYL-3,5-DIMETHYL-; ETHYL ESTER	10	-	-	-	-		-	-			-	-
1616	3-PYRROLECARBOXYLIC ACID, 5,5'-,5"-METHYLIDYNE-TRIS (2,4-DIMETHYL); TRIETHYL ESTER	10	-	-	-	-		-	-			-	-
1617	2,4-PYRROLEDICARBOXYLIC ACID, 3,5-DIMETHYL-; DIETHYL ESTER	8	8-11	-	-	-		4-6	-			4-6	16-24
1618	5,5'-METHYLENEBIS(3-METHYL)-; TETRAETHYL ESTER	10	-	-	-	-		-	-			-	-
1619	PYRROLIDINIUM COMPOUNDS; 1-BENZYL-1-METHYL-2-(3-PYRIDYL)----THIOCYANATE	4.5	-	-	-	-		-	-			-	-
1620	1-[2(2-BUTOXY-ETHOXY) ETHYL]----P-TOLUENE-SULFONATE	3	-	-	-	-		-	-			-	-
1621	1-BUTYL-1-METHYL-2-(3-PYRIDYL)----BROMIDE	10	-	-	-	-		-	-			-	-
1622	1-(2,4-DICHLOROBENZYL)-1-METHYL-2-(3-PYRIDYL) -CHLORIDE	10	-	-	-	-		-	-				
1623	1,1-DIMETHYL-2-(3-PYRIDYL)----BROMIDE	2	-	-	-	-		-	-			-	-
1624	1-DODECYL-1-METHYL-2-(3-PYRIDYL)----OLEATE	10	-	-	-	-		-	-			-	-
1625	P-TOLUENESULFONATE	10	-	-	6-8	8-11		-	4-6			-	6-8
1626	1-HEXADECYL-1-METHYL-2-(3-PYRIDYL)---- BROMIDE	5.5	3-4	-	4-6	4-6		1-2	2-3			-	1-2
1627	THIOCYANATE	3	-	-	0-1	2-3		2-3	3-4		-	2-3	- -
1628	P-TOLUENESULFONATE	1	-	-	-	-	-	-	-	-			
1629	PYRROLIDINIUM COMPOUND; 1-METHYL-1-OCTYL-2-(3-PYRIDYL)----IODIDE	6	-	-	-	-		-	-			-	-
1630	2-PYRROLIDONE, N-(NITRO-2-FURFURYLIDENE)-1-AMINO-	10	-	-	-	-		-	-			-	-
1631	QUERCETIN	10	-	-	-	-		-	-			-	-
1632	QUERCETIN, DIHYDRO-	10	-	-	-	-		-	-			0-1	0-1

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E		Stickleback D		Steelhead E		Steelhead D		Sockeye E		Sockeye D	
1633	Quinaldine	10	-	-	-	-		-	-			-	-	
1634	picrate	10	-	-	-	-		-	-			-	-	
1635	4-(p-dimethylaminobenzylidene)-	10	-	-	-	-		-	-			-	-	
1636	Quinazoline, 6,7-dimethoxy-	4.5	-	-	-	-		-	-			-	-	
1637	4-Quinazolinol, 2-methyl-	4.5	-	-	-	-		-	-			-	-	
1638	Quinizarin	10	-	-	-	-		-	-			-	-	
1639	Quinoline, 5-amino-	10	0-1	-	2-3	-		-	-			-	-	
1640	5-bromo-6-methoxy-8-nitro-	10	-	-	-	-		-	-					
1641	7-chloro-4-(4-diethylamino-1-methylbutyl-amino)-; diphosphate	10	2-3	-	12-16	-		-	-			-	-	
1642	Quinoline, 8-chloro-5-nitro-	10	0-1	6-8	8-12	12-16		0-1	12-16			3-4	8-12	
1643	4,7-dichloro-	10	-	-	-	-		-	-			-	-	
1644	4,5-dichloro-3-methyl-	10	0-1	1-2	2-3	4-6		0-1	6-8					
1645	4,7-dichloro-2-phenyl-	10	-	-	-	-		-	-			-	-	
1646	8-hydroxy-	10	-	-	16-24	16-24		3-4	4-6			3-4	4-6	
1647	6-methoxy-5-(p-methoxyphenoxy)-8-nitro-	7	-	-	-	-	-	-	-	-				
1648	3-Quinolinecarboxylic acid, 4-hydroxy-7-nitro-; ethyl ester	10	-	-	-	-		-	-			-	-	
1649	Quinolinium compounds; alkyl methyl isoquino-linium chloride (50% active) ("Ammonyx-781")	3	0-1	0-1	0-1	-	8-12	8-12	12-16	12-16				
1650	1-ethyl-----iodide	10	-	-	-	-		-	-			-	-	
1651	1-methyl-----iodide	10	-	-	-	-		-	3-4			3-4	4-6	

1652	4-Quinolinol	4.5	-	-	-	-		-	-				
1653	8-Quinolinol, 5-chloro-7-iodo-	5	-	-	-	-		-	-			-	-
1654	5,7-diiodo-	10	-	-	-	-		-	-			-	-
1655	5,6,7-trichloro-	30	-	-	-	-	-	-	8-12	-			
1656	Raffinose	10	0-1	-	8-12	-		-	-				
1657	Resorcinol, acetate laurate	10	-	-	-	-		-	-			-	-
1658	dihydrodimethyl-; dimethylcarbamate	10	-	-	-	-		-	-			-	-
1659	4-hexyl-	10	1-2	1-2	3-4	4-6		1-2	3-4			0-1	2-3
1660	x-methyl-5-amino- (Methyl phloramine)	10	-	-	-	-		-	-			-	-
1661	tetrachloro- (crude)	10	-	-	16-24	-		-	6-8			-	16-24
1662	2,4,6-tribromo-	10	-	-	-	-		-	-			-	-
1663	Rhodamine 6 GDN	10	-	-	8-11	-		-	-			-	-
1664	Rhodamine, x-benzylidene-	10	-	-	2-3	-		-	2-3			-	2-3
1665	5-cinnamylidene-	3	-	-	3-4	8-16		-	4-6			-	6-8
1666	5-isobutylidene-	10	-	-	-	-		8-12	12-16			-	6-8
1667	5-(1,1,3,3-tetramethylbutylaminomethylene)-	10	-	-	-	-		-	-			-	-
1668	Ricinoleic acid	8	-	-	-	-		-	-			-	-
1669	barium salt	10	-	-	-	-		-	-			-	-
1670	calcium salt	10	-	-	16-24	-		-	-				
1671	2-methoxyethyl ester	10	-	-	-	-		-	-			-	-
1672	sodium salt	10	-	-	-	-		-	-			-	-
1673	Rosin amine D, pentachlorophenate	0.5	-	-	-	-		-	-			-	-
1674	Rufat-52; 2-chloroethyl ester	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
1675	Rufigallic acid	5	- -	- -	-	- -	-	-
1676	Safranin light green	10	- -	- -	-	3-4	6-8	-
1677	Salicylanilide, 3'-chloro-5-nitro	10	- -	- -	-	- -	-	-
1678	4'-chloro-5-nitro; 3'-chloro-5-nitro-; 4' chloro-3-nitro; and 3'-chloro-3-nitro-; mixture ("SALCIDE")	3	- -	4-6 4-6	-	3-4	-	2-3
		10	- -	1-2 0-1	-	0-1	0-1	0-1
1679	Salicylanilide, 3'-iodo-3-nitro-	10	- -	2-3 4-6	-	0-1	0-1	0-1
1680	4'-iodo-3-nitro-	4.5	- -	6-8 16-24	-	16-24	-	4-6
1681	sodium 3,5,3',4'-tetrachloro- (Sodium salt of TCSA)	0.5	- -	2-3 2-3	- -	0-1 0-1		
1682	Salicylhydrazide	30	4-6 -	6-8 -	4-6 -	6-8 6-8		
1683	Salicylic acid, p-amino ester sodium salt	10	- -	- -	-	- -	-	-
1684	p-chlorophenyl ester	3	- -	- -	-	8-12	-	8-12
1685	diisopropylbenzyl ester	10	- -	- -	-	- -	-	-
1686	ethyl ester	10	- -	- -	0-1	-	-	-
1687	2-ethylhexenyl ester	10	4-6 -	12-16 -	-	- -	-	-
1688	ethylmercurithio ester sodium salt	3	16-24 -	- -	- -	- -		
1689	methyl ester, sodium salt	10	- -	- -	-	- -		
1690	5-amino	10	- -	- -	-	- -	-	-
1691	5-bromo-; acetate	10	- -	- -	-	- -	-	-
1692	Salicyclic acid, x-iodo-	10	- -	- -	-	- -	-	-

1693	5-IODO-; ACETATE	10	-	-	-	-	-	-	-	-
1694	5-ISOPROPYL-; COPPER (II) DERIVATIVE	5	-	-	-	-	-	8-12	-	12-16
1695	5,5'-METHYLENEDI-	10	-	-	-	-	-	-	-	-
1696	3-(PHENYLAZO)	10	2-3	-	2-3	2-3	-	0-1	-	0-1
1697	THIO-	10	-	-	-	-	-	-	-	-
1698	SALIGENIN	10	12-16	-	16-24	-	-	-	-	-
1699	SAPONIN	10	-	-	-	-	-	2-3	-	-
1700	SEBACIC ACID; BIS(CYCLOHEXANE-2-ONE-1-YL) ESTER	10	-	-	-	-	-	16-24	-	-
1701	DIALLYL ESTER	5	-	-	16-24	-	-	8-12	-	16-24
1702	DIESTER WITH 2-HYDROXY-2-METHYLPROPIONITRILE	1	-	-	4-6	4-6	2-3	3-4	2-3	4-6
1703	DIESTER WITH 3,3,3-TRICHLOROACTONITRILE	10	-	-	-	-	-	2-3	-	-
1704	SELENOCYANIC ACID, 2-PHTHALIMIDOETHYL ESTER	1	-	-	0-1	0-1	-	0-1	-	0-1
1705	SEMICARBAZIDE; HYDROCHLORIDE	10	-	-	-	-	-	-	-	-
1706	THIO-	10	-	-	-	-	-	-	-	-
1707	SENECIONINE	10	-	-	-	-	-	-	-	-
1708	SERJANIA GLABRATA, DRIED ROOT, GROUND (WATER)	10	-	-	-	-	-	12-16	-	12-16
1709	SODIUM BI-PHENYL SULFONATE	10	-	-	-	-	-	-	-	-
1710	SODIUM CITRATE	10	-	-	-	-	-	-	-	-
1711	SODIUM ETHYL XANTHATE	5	-	-	-	-	-	-		
		15	-	-	-	-	-	-		
1712	SODIUM FLUORIDE	10	-	-	-	-	-	-	-	-
1713	SODIUM FORMALDEHYDESULFOXYLATE	10	-	-	-	-	-	-	-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
1714	Sodium maleate	10	-	-	1-2 -	-	-	-	-
1715	Sodium methallyl sulfonate	10	-	-	12-16 -	-	-	-	-
1716	Sodium rimocidin	10	-	-	16-24 -	-	-	-	-
1717	Sodium rosinate 45%	10	12-16	-	- -	16-24	-	16-24	-
1718	Sodium salt of Cr 978	10	-	-	3-4 16-24	-	0-1	0-1	4-6
1719	Sodium salt of pine gum 70%, and 30% turpentine	10	-	-	6-8 6-8	2-3	8-12	-	8-12
1720	Sodium selenite	5	-	-	- -	-	-		
		15	-	-	- -	-	-	-	-
1721	Sodium sulfomethyl vinsol	10	-	-	- -	-	-	-	-
1722	Sorbamide, N,N-dimethallyl	10	6-8	6-8	- -	-	-	2-3	-
1723	Sorbic acid; 2-ethyl-2-hexenyl ester	10	-	-	- -	-	-	-	-
1724	D-Sorbitol; 1,2,6-triester with crude tridecanoic acid	10	-	-	- -	-	-	-	-
1725	Stearamide, N-(hydroxy-methyl)	10	-	-	- -	-	-	-	-
1726	N,N'-m-phenyl enebis	10	-	-	- -	-	-	-	-
1727	N-thiocyanomethyl-	10	-	-	- -	-	-	-	-
1728	Stearanilide, p-amino-	10	-	-	- -	-	-	-	-
1729	Stearic acid, γ-hydroxy-methyl ester	10	-	-	- -	-	-	-	-
1730	2-thiocyanoethyl ester	10	-	-	6-8 -	-	-	-	-
1731	Stilbene	10	-	-	- -	-	-	-	-
1732	trans 4,4'-dihydroxy- α,β-diethyl-(diethyl-stilbestrol)	3	-	-	2-3 2-3	0-1	2-3	0-1	2-3

1733	2,4-DINITRO-	10	-	-	-	-		-	-		-	-
1734	2,4,6-TRINITRO-	10	-	-	-	-		-	-		-	-
1735	TRINITRO CHLORO-	10	-	-	-	-		-	-		-	-
1736	X,X-STILBENEDICARBOXAMIDE, N,N' DIALLYL-	10	-	-	-	-		-	-		-	-
1737	X,X-STILBENEDISULFONIC ACID, TETRAZO-	10	-	-	16-24	-		-	1-2		-	1-2
1738	STROBANE TECHNICAL GRADE	3	-	-	3-4	3-4		-	2-3		2-3	2-3
1739	STROBANE 50% WETTABLE POWDER	3	-	-	4-6	4-6		2-3	4-6		-	4-6
1740	STYRENE, 4-CHLORO-B-NITRO-	1	-	-	-	-		-	-		-	-
1741	2,4-DICHLORO-B-NITRO-	1	-	-	-	-		-	-		-	0-1
1742	2,4-DIMETHOXY-B-NITRO-	1	-	-	6-8	6-8		-	8-13		-	8-13
1743	A-NITRO-	1	-	-	3-4	3-4		1-2	2-3		1-2	2-3
1744	STYRENESULFONIC ACID; SODIUM SALT, POLYMER	8.5	-	-	8-12	-		-	-		-	-
1745	SUCCINANILIC ACID, N-ISOPROPYL-2,4-DIMETHYL-	10	-	-	6-8	-		-	-		-	-
1746	SUCCINIC ACID, DIAMMINECOPPER(II) COMPLEX	10	-	-	2-3	-		-	4-6		-	-
1747	NICKEL (II) SALT	10	-	-	6-8	-		-	-		-	-
1748	SULFA-DIOCTYL ESTER SODIUM SALT	10	-	-	-	-		-	-		-	-
1749	ALKENYL-; AMMINECOPPER COMPLEX; ALKENYL- C_6C_8	8	-	-	-	-	-	-	12-16	-		
1750	ALKENYL-; AMMINECOPPER COMPLEX; ALKENYL- C_8C_{10}	2.5	-	-	-	-		-	-		-	-
1751	SUCCINIC ACID; AMMINESILVER COMPLEX	3	-	-	-	-		-	-		-	-
1752	DISILVER SALT	10	-	-	1-2	2-3		-	1-2		-	1-2
1753	MONOBUTYL ESTER, MERCURY (I) SALT	10						-	1-2		-	1-2
1754	BROMO-	10	-	-	-	-		-	-		-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/l	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1755	A,B-DIMETHYL-; (TRANS), 2-ETHYLBUTYL ESTER	10	-	-	-	-	-		-	-
1756	DODECENYL-; DIPHENYLMERCURIC ESTER, 10% Hg ("SUPER AD-IT")	10	-	-	0-1	2-3	-	0-1	-	0-1
1757	TETRAFLUORO-	10	-	-	-	-	-	-	-	-
1758	SUCCINIMIDE, N-BROMO-	10	-	-	-	-	-	-	-	-
1759	SUCCINOSUCCINIC ACID, DIETHYL ESTER	10	-	-	-	-	-	-	-	-
1760	SUCROSE; OCTAACETATE	10	-	-	-	-	-	-	-	-
1761	SULFAMIC ACID, AMMONIUM SALT	10	-	4-6	4-6	-	-	-	8-12 16-24	
1762	N-(2-CYANOETHYL)-N-2-ETHYLHEXYL-; ETHYL ESTER	10	-	-	-	-	-	-	-	-
1763	DIMETHYL-	10	-	-	-	-	-	-	-	-
1764	P-CHLOROPHENYL ESTER	10	-	-	-	-	-	-	-	-
1765	SULFANILAMIDE, N-(2-BENZIMIDAZOLYMETHYL)-	2	-	-	-	-	-	-	-	-
1766	N^1-(1-HYDROXYETHYL-2,2,2-TRICHLORO)-SESQUI-HYDRATE	10	-	-	-	-	-	-	-	-
1767	N^4-ACETYL-N^1-(4-NITROPHENYL)-	10	-	-	-	-	-	-	-	-
1768	SULFANILAMIDE, N-PHENYL-	10	-	-	-	-	-	-	-	-
1769	SULFANILIC ACID	30	-	-	-	-	-	-		
1770	SULFANILIC ACID; P-TOLUIDINIUM SALT	10	-	-	-	-	-	-	-	-
1771	N-ACETYL-	10	-	-	-	-	-	-	-	-
1772	N-BENZOYL-; SODIUM SALT	10	-	-	-	-	-	-	-	-
1773	N,N-DIMETHYL-	10	-	-	-	-	-	-	-	-

1774	SULFIDE, BENZYL	10	-	-	-	-		-	-			-	-
1775	BIS(3-AMINO-5-CHLORO-2-HYDROXYPHENYL	10	6-8	6-8	12-16	12-16		12-16	16-24			-	12-16
1776	BIS(5-BENZYL-2-HYDROXYPHENYL)	10	-	-	6-8	-		-	0-1			1-2	2-3
1777	BIS [2-(2-BIPHENYLYLOXY) ETHYL]	30	-	2-3	-	-	-	1-2	-	-			
1778	BIS [p-TERT-BUTYL-o-(p-NITROBENZYLOXY) PHENYL]	10	-	-	-	-		-	-			-	-
1779	BIS [2-(4-TERT-BUTYLPHENOXY) ETHYL]	10	-	-	-	-		-	-			-	-
1780	BIS(5-CHLORO-2-HYDROXYPHENYL); BIS(DIMETHYL-AMINO BUTENYL) SULFIDE MONO SALT	10	-	0-1	0-1	1-2		-	0-1			-	0-1
1781	DI(3,5,5-TRIMETHYLHEXYL) AMINO MONO SALT	0.5	-	-	-	-		-	-			-	-
1782	ETHYLENEDIAMINE MONO SALT	10	-	-	0-1	0-1		-	0-1			-	0-1
1783	1-METHYL-2-PENTENYLAMINE SALT	0.5	-	-	12-16	16-24		-	12-16			-	-
		30	0-1	-	0-1	0-1	-	-	0-1	0-1			
1784	1,1,3,3-TETRAMETHYLBUTYLAMINE MONO SALT	0.5	-	-	-	-		-	-			-	-
1785	BIS(5-CHLORO-2-HYDROXY-3-TRICHLOROMETHYLMER-CAPTO AMINOPHENYL)	10	-	-	16-24	16-24		-	-			-	-
		15	3-4	7-8	4-5	8-11		-	3-4				
1786	SULFIDE, BIS [5-CHLORO-2-(p-NITROBENZYLOXY) PHENYL]	10	-	-	-	-		-	-			-	-
1787	BIS(2-CHLORO-4-NITROPHENYL)	10	-	-	1-2	-		-	0-1			-	-
1788	BIS [2-(2-4-CHLOROPHENOXY ETHOXY) ETHYL]	10	-	-	-	-		-	-			-	-
1789	BIS [2-(4-CHLOROPHENOXY) ETHYL	1	3-4	-	4-6	-		-	-			-	-
		2	-	-	7-10	-		-	-				
		5	-	-	-	-		-	-				
		10	-	-	0-1	0-1		-	-			-	-
1790	BIS(DIMETHYLTHIOCARBAMYL)	6	-	-	0-1	-		-	-			4-6	16-24

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1791	bis(4-hydroxy-3-biphenylyl)	10	0-1	0-1	1-2	1-2	0-1	4-6	1-2	4-6
1792	bis(4-hydroxyphenyl)	0.5	-	-	-	-	-	-		
		1	-	-	-	-	-	-	-	-
		3	-	-	7-10	15-23	2-4	7-10		
		5	-	-	4-6	4-6	0-1	1-2	1-2	3-4
1793	bis[2-hydroxy-5-(1',1',3',3',-tetramethyl-butyl)- phenyl]	10	-	-	-	-	-	-	-	-
1794	bis(p-4-nitrobenzyloxyphenyl)	10	-	-	1-2	-	-	-	-	-
1795	bis [2-p-nitro benzyloxy-5-(1',1',3',3'-tetramethylbutyl) phenyl]	10	-	-	-	-	-	-	-	-
1796	bis(4-nitrophenyl)	10	-	-	0-1	-	-	-	-	-
1797	bis(2-phenoxyethyl)	10	-	-	-	-	-	-	-	-
1798	bis(1,1,3,3-tetramethylbutylmercaptomethyl)	30	-	-	-	-	-	-	-	-
1799	2-chlorocyclohexyl 2,4-dinitrophenyl	5	0-2	0-2	-	-	-	-		
		10	0-2	-	-	-	1-4	-		
1800	4-chlorophenyl phenyl	10	-	-	-	-	-	-	-	-
1801	2,4-dinitrophenyl ethyl	5	-	-	14-23	14-23	7-10	-		
		10	-	-	14-23	14-23	5-7	-		
1802	Sulfone, bis(4-benzyloxyphenyl)	10	-	-	-	-	-	-	-	-
1803	bis(p-chlorophenyl)	10	-	-	-	-	-	-	-	-
1804	dibromothylmol-3 phthalein	7	-	-	-	-	-	-		
1805	dioctyl (mixture of isomers)	10	-	-	0-1	-	-	-	-	-

1806	2,4,4',5-TETRACHLOROPHENYL- ("TECH. TEDION")	10	-	-	-	-		-	-			-	-
1807	SULFONIC ACID, 8-HYDROXY-7-IODO-5-QUINOLINE-	10	-	-	-	-		-	-			-	-
1808	SULFOXIDE, BIS(2-BENZYLOXY-5-CHLOROPHENYL)	10	-	-	0-1	-		-	-			-	-
1809	BIS(4-BENZYLOXYPHENYL)	30	-	-	-	-	-	-	-	-			
1810	BIS(4-CHLOROPHENYL)	10	-	-	-	-		-	-			-	-
1811	BIS(4-HYDROXYPHENYL)	10	-	-	-	-		-	-			-	-
1812	BIS 4-(2-METHYLALLYLOXY) PHENYL	1	-	-	-	-		-	-			-	-
		5	0-1	0-1	1-2	1-2		1-2	3-4			2-3	-
1813	DIMETHYL-	30	-	-	-	-	-	-	-	-			
1814	SULFOXYLIC ACID; ANILINOMETHYL ESTER	10	-	-	-	-		-	-			-	-
1815	ANILINOMETHYL ESTER, ZINC SALT	10	-	-	-	-		-	-			-	-
		30	-	-	-	-	0-1	-	8-12	16-24			
1816	O-TOLUINOMETHYL ESTER	10	0-1	-	-	-		4-6	-			-	-
1817	O-TOLUINOMETHYL ESTER, BARIUM SALT	10	-	-	-	-		-	-			-	-
1818	O-TOLUINOMETHYL ESTER, CALCIUM SALT	10	-	-	0-1	16-24		-	-			-	-
1819	SULFURIC ACID; MONO 2-AMINOETHYL ESTER	10	-	-	0-1	-		-	-			-	-
1820	SULFUROUS ACID; ETHYLENE ESTER (CYCLIC)	10	-	-	-	-		-	-			-	-
1821	SYRINGIC ACID, HYDRAZIDE	10	-	-	8-12	-		-	8-12			-	-
1822	TANNIC ACID	10	-	-	0-1	16-24		-	-			-	-
1823	TARTER EMETIC	10	-	-	-	-		-	-			-	-
1824	TARTONIC ACID	9.5	-	-	-	-		-	-			-	-
1825	7-TETRADECYNE, 2,2,4,11,13,13-HEXAMETHYL-6,9-BIS [DI(N-BUTYLAMINO]-	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1826	2,2,4,11,13,13-hexamethyl-6,9-bis (diethanolamino	10	-	-	- -	-	-		-	-
1827	2,2,4,11,13,13-hexamethyl-6,9-bis-(dimethylamino)-	2	-	-	- -	-	-			
		5	-	-	- -	-	-			
		10	-	1-2	1-2	2-3	-	2-3	-	4-6
1828	2,4-dichlorophenoxyacetic acid disalt	10	-	-	- -	-	-		-	-
1829	hydrochloride disalt	10	-	-	- -	-	-	0-1	-	-
1830	hydrochloride mono salt	2	-	-	- -	-	-		-	-
		10	-	-	0-1	0-1	16-24	-	-	-
		13	-	-	- -	-	-		-	-
1831	laurylmonosulfate disalt	10	-	-	16-24	-	-		-	-
1832	methanesulfonic acid mono salt	10	-	-	- -	-	-		-	-
1833	monochloroacetic acid disalt	10	-	-	- -	-	-		-	-
1834	2,4,5-trichlorophenoxyacetic acid disalt	10	-	-	- -	-	-		-	-
1835	2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-dinonyl (0-1) amino-	3	8-13	-	- -	-			8-13	16-24
1836	7-Tetradecyne, 2,2,4,11,13,13-hexamethyl-6-di-methylamino- [methyl(8-dimethylaminoethyl) amino]-	10	-	-	1-2	1-2	-	1-2	-	1-2
1837	2,2,4,11,13,13-hexamethyl-6-dimethylamino-9-morpholino-	7	-	-	- -	-	-		-	-
		15	-	-	- -	-	-			

1838	2,2,4,11,13,13-HEXAMETHYL-6,9-[METHYL-(8-DIMETHYLAMINOETHYL)]-	1	-	-	4-6	4-6		-	4-6			1-2	4-6
1839	TETRAIODOFLUORESCEIN	5	-	-	1-2	1-2		-	1-2			-	1-2
1840	TETRAMETHYLENE DIAMINE, N,N'-BIS(3-AMINO-N-PROPYL PUTRESCINE; DIAMINOPROPYL- ("SPERMINE")	10	-	-	1-2	1-2		-	1-2			-	1-2
1841	TETRAMETHYLENE-SULFO-TETRAMINE	1	-	-	2-3	2-3		-	1-2			-	1-2
1842	TETRAZOLIUM COMPOUNDS; 2-TETRAZOLINE, 1-BENZYL-5-IMINO-4-OCTYL-; BITARTRATE HYDRATE	10	0-1	0-1	0-1	0-1		0-1	0-1			0-1	0-1
1843	2,3,5-TRIPHENYL----CHLORIDE	10	-	-	-	-		-	-			-	-
1844	1,2,4-THIADIAZOLE, 3,5-DIBENZYLTHIO-	5	-	-	1-2	1-2		2-4	3-5				
		7	-	1-2	0-1	2-3		2-4	3-5				
		10	-	-	1-2	3-4		-	12-16			-	16-24
1845	THIANAPHTHRENE, 3(?)-CHLORO-	2	-	-	2-3	-		-	-			-	-
1846	3-NITRO-	7.5	-	-	2-3	4-6		0-1	6-8			0-1	6-8
1847	THIOCYANIC ACID; 4-ACETAMIDO-3-NITROPHENYL ESTER	1	-	-	4-6	3-4		-	1-2			1-2	4-6
1848	4-ACETAMIDO-3-(2-PHENOXYETHOXY) PHENYL ESTER	1	-	-	2-3	2-3		1-2	2-3			1-2	2-3
1849	2-p-ACETAMIDOPHENOXYETHYL ESTER	30	-	-	3-4	4-6	-	-	2-3	3-4			
1850	1-ACETOXY-2-INDANYL ESTER	30	-	-	12-16	-	8-12	-	8-12	12-16			
1851	THIOCYANIC ACID; 2-AMINO-5-BIPHENYLYL ESTER	1	-	-	2-3	4-6		-	2-3			-	2-3
1852	4-AMINO-3-HYDROXYPHENYL ESTER, p-TOLUENE-SULFONATE	1	-	-	3-4	4-6		-	3-4			-	3-4
1853	4-AMINO-3-NITROPHENYL ESTER	1	2-3	-	2-3	4-6		0-1	1-2			-	1-2
1854	4-AMINO-3-(2-PHENOXYETHOXY) PHENYL ESTER	30	-	-	2-3	8-12	-	-	4-6	4-6			
1855	4-AMINOPHENYL ESTER	5	-	6-8	6-8	8-12	-	-	6-8	8-12			
1856	p-BENZOYLBENZYL ESTER	10	-	-	1-2	1-2		-	1-2			-	3-4

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1857	5-Benzoyl-2-benzylaminophenyl ester	15	-	- -	-	3-4	-	- -		
		30	6-8	-	16-24 16-24	12-16	-	16-24 8-12		
1858	4-Benzylidenedeamino-3-methylphenyl ester	1	-	-	2-3 2-3		-	2-3	2-3	2-3
1859	2-Benzyloxy-5-tert-butyl-3-nitrobenzyl ester	5	-	3-4	3-4 4-5		1-2	2-4		
		10	-	-	6-8 -		-	-		
1860	2-(2-Benzyloxyethoxy)ethyl ester	10	-	-	1-2 1-2		-	3-4	-	1-2
1861	4-Biphenylyl ester	1	-	-	1-2 1-2		-	1-2	-	1-2
1862	2-(2-Biphenylyloxy) ethyl ester	1	-	-	8-12 8-12		-	4-6	-	4-6
1863	2-[2-(p-Bromo-p-tert-butylphenoxy)ethoxy] ethyl ester	1	-	-	- -		1-2	2-4		
		3	-	-	1-2 1-2		1-2	2-3	1-2	3-4
1864	4-(p-Bromophenoxy) benzyl ester	10	-	-	- -		-	-	-	-
1865	4-[2-(2-Butoxyethoxy) ethylamino] phenyl ester	1	-	-	12-16 -		-	4-6	-	12-16
1866	2-[2-(2-[p-tert-Butyl-o-nitrophenoxy] ethoxy) ethoxy] ethyl ester	30	-	-	0-1 0-1	-	-	0-1 0-1		
1867	2-(2-p-tert-Butyl-o-nitrophenoxy) ethyl ester	10	-	-	1-2 1-2		0-1	1-2	0-1	1-2
1868	x-Chloro-x-dimethylaminophenyl ester, p-toluenesulfonate	30	-	-	16-24 -	-	-	- -		
1869	3-Chloro-4-dimethylaminophenyl ester, 3-tert-butyl-6-hydroxybenzenesulfonate	1	-	-	- -		-	-	-	-
1870	Thiocyanic acid; 2-[2-(2-chloroethoxy) ethoxy] ethyl ester	4.5	-	-	- -		-	-	-	-

		7	-	-	6-8	6-8		-	-			-	-
		10	-	-	8-12	12-16		-	-			-	-
1871	THIOCYANIC ACID; 4-CHLORO-6-METHOXY-1,3-XYLYLENEDI ESTER	30	-	-	-	-	-	-	-	-			
1872	3-(2-CYCLOHEXYLPHENOXY) PROPYL ESTER	5	-	-	8-12	8-12		-	4-6			-	8-12
1873	p-DIBENZYLAMINOPHENYL ESTER	30	-	-	-	-	-	-	-	-			
1874	3,5-DICHLORO-4-DIMETHYLAMINOPHENYL ESTER	1	-	-	6-8	6-8		-	6-8			-	6-8
1875	2-[2-(4-[1,1-DIMETHYLPROPYL]-2-NITRO-PHENOXY)ETHOXY] ETHYL ESTER	10	1-2	1-2	2-3	2-3		1-2	2-3			1-2	2-3
1876	2-[4-(1,1-DIMETHYLPROPYL)-2-NITROPHENOXY] ETHYL ESTER	10	0-1	-	0-1	0-1		0-1	0-1			-	0-1
1877	2-[4-(1,1-DIMETHYLPROPYL) PHENOXY ETHYL] ESTER	10	-	-	0-1	0-1		0-1	0-1			2-3	4-6
1878	2,4-DINITROPHENYL ESTER	10	-	-	2-3	2-3		-	2-3			-	1-2
1879	p-DODECYLAMINOPHENYL ESTER	30	-	-	6-8	-	-	-	-	-			
1880	2-ETHOXYETHYL ESTER	10	-	-	-	-		-	-			-	-
1881	ETHYLENE GLYCOL DIESTER	5	-	-	6-8	6-8	1-2	-	2-3	3-4			
1882	4-(2-HYDROXYETHYLAMINO) PHENYL ESTER	10	0-1	0-1	0-1	0-1		0-1	0-1			0-1	0-1
1883	1-(2-HYDROXY) NAPHTHYL ESTER	10	-	1-2	1-2	16-24		0-1	4-6			0-1	4-6
1884	1-(4-HYDROXY) NAPHTHYL ESTER	1	0-1	0-1	4-6	6-8		0-1	3-4			3-4	4-6
1885	2-[2-(1-HYDROXY-2,2,3-TRICHLOROBUTOXY) ETHOXY], ACETYLATION PRODUCT	30	1-2	-	2-3	2-3	1-2	-	2-3	2-3			
		30	-	-	0-1	6-8	6-8	-	6-8	-			
1886	p,p'-IMINODIPHENYL DIESTER	1	-	-	16-24	0-1		0-1	0-1			0-1	1-2
1887	p-METHOXYBENZYL ESTER	10	-	-	-	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1888	4-(2-methylallylamino) phenyl ester	15	-	0-1	0-1	0-1	-	-	0-1	0-1		
		30	-	-	0-1	0-1	-	-	0-1	0-1		
1889	6-(2-methylallylamino)-m-tolyl ester	1	-	-	2-3	3-4		-	4-6		-	3-4
1890	2-(o-2-methylallylphenoxy) ethyl ester	1	1-2	-	3-4	6-8		1-2	2-3		-	16-24
1891	2-[2-(o-1-methylheptyl-p-nitrophenoxy) ethoxy] ethyl ester	30	-	-	1-2	2-3	-	-	1-2	2-3		
1892	2-(o-1-methylheptyl) phenoxyethyl ester	30	-	-	-	-	-	-	-	-		
1893	2-[2-(2-p-nitrophenoxyethoxy) ethoxy] ethyl ester	1	-	-	0-1	-		0-1	0-1		0-1	0-1
1894	Thiocyanic acid; 2-(p-nitrophenoxy) ethyl ester	1	-	-	4-6	4-6		-	-		-	-
1895	p-nitrophenyl ester	1	-	-	0-1	0-1		0-1	0-1		0-1	0-1
1896	2-(norbicyclopentenyloxy) ethyl ester	30	-	-	0-1	0-1	-	-	0-1	0-1		
1897	sodium ester	10	-	-	-	-		-	-		-	-
1898	2-[2-(p1,1,3,3-tetramethylbutyl-o-nitrophenoxy) ethoxy ethyl] ester	5	-	-	1-2	4-6		1-2	1-2		-	4-6
1899	triphenylmethyl ester	30	-	-	-	-	-	-	-	-		
1900	Thiolutin	1	-	-	8-12	12-16	-	-	6-8	6-8		
1901	Thiourea, N-methyl-	10	-	-	-	-		-	-		-	-
1902	trialkyl ("THIATE B")	10	-	-	-	-		-	-		-	-
1903	Thiuronium compounds; S-decyl-N,N'-ethylene---- bromide	1	-	-	0-1	16-24		-	2-3		-	0-1
1904	S-(3,4-dichlorobenzyl)----isoheptenoate	5	-	-	6-8	12-16		2-3	5-8		2-3	6-8
1905	S-(3,4-dichlorobenzyl)----thiocyanate	5	-	-	0-1	0-1		2-3	3-4		2-3	3-4

1906	S-DODECYL-N,N'-DIMETHYL---SALT WITH SALICYLIC ACID	1	-	-	1-2	16-24	-	3-4		2-3	3-4
1907	S-TETRADECYL---BROMIDE	10	-	-	-	-	-	8-12		-	-
1908	S-TETRADECYL-N,N'-DIMETHYL---BROMIDE	1	-	-	6-8	-	-	16-24		-	-
1909	S-1,1,3,3-TETRAMETHYLBUTYLCRESOXYETHOXY-ETHYL-N,N'-DIMETHYL---CHLORIDE	1	-	-	0-1	0-1	2-3	3-4		2-3	3-4
1910	THYMOL	5	-	-	2-3	2-3	0-1	2-3		0-1	2-3
1911	2,6-DINITRO-	10	-	-	3-4	16-24	-	16-24		-	16-24
1912	PHTHALEIN	10	-	-	-	-	-	-		-	-
1913	TITANIUM TRIFLUORIDE	10	-	-	-	-	-	-		-	-
1914	TOLUENE, 2-AMINO-5-BROMO---HYDROCHLORIDE	10	-	-	0-1	-	-	-		-	-
1915	A-BROMO-P-NITRO-	5	-	-	4-6	-	2-3	2-3		2-3	2-3
1916	A-CHLORO-X-DECYL-	10		1-2	-		-	-		-	-
1917	A-CHLORO-3-NITRO-4-METHOXY-	10	-	-	3-4	-	0-1	3-4		0-1	3-4
1918	A-CHLORO-X-TETRA-ISOPROPYL-	10	3-4	3-4	4-6	6-8	3-4	6-8		3-4	6-8
1919	TOLUENE, A-CHLORO-X-TRIISOPROPYL-	10	2-3	4-5	4-6	4-6	2-3	4-6		2-3	4-6
1920	2,6-DINITRO-4-AMINO-	10	0-1	0-1	1-2	1-2	0-1	-		2-3	4-6
1921	A-TOLUENEPHOSPHONIC ACID, DIETHYL ESTER	10	-	-	-	-	-	-		-	-
1922	A-TOLUENESULFONAMIDE, P-CHLORO-N-(7-METHYLOCTYL)-	5	-	-	2-3	2-3	4-5	12-16		-	-
1923	P-TOLUENESULFONANILIDE	10	0-1	0-1	2-3	2-3	2-3	6-8		0-1	3-4
1924	N-ALLYL-	3	-	-	-	-	1-2	-		1-2	8-12
1925	4'-BENZYLOXY-	10	-	-	0-1	0-1	-	-		-	-
1926	O-TOLUENESULFONIC ACID, AMINO-	10	-	-	12-16	-	-	-		-	-
1927	5-AMINO-	10	-	-	-	-	-	-		-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D	Sockeye E	Sockeye D
1928	p-Toluenesulfonic acid; dinitrocaprylphenyl ester	2	-	8-12	12-16 -	-	8-12	16-24	-
1929	Toluene-2,4,6-triamine; trihydrochloride	10	-	-	8-12 -	-	-	-	-
1930	o-Toluidine; N-benzyl-	10	1-2	1-2	1-2 1-2	-	-	-	-
1931	N-2-methylallyl-	10	-	-	- -	-	-	-	-
1932	Toxaphene (25% active)	2	-	-	2-3 4-6	-	4-6	-	4-6
1933	Toxaphene; 4# (4 lbs. per gal., emul. conc.)	1	-	-	6-8 6-8	-	3-4	3-4	6-8
1934	6# (6 lbs. per gal., emul. conc.)	2	1-2	2-3	2-3 8-12	1-2	2-3	1-2	2-3
1935	8# (8 lbs. per gal., emul. conc.)	2	-	-	6-8 6-8	-	4-6	-	1-2
1936	Chipman 6# livestock spray (6 lbs. tech. toxaphene per gal. in mixed petrol. solv. with emuls. agt.)	2	-	-	1-2 4-6	1-2	2-3	1-2	2-3
1937	Chipman, 20% dust	2	-	-	- -	-	-	-	-
1938	Chipman, 40% spray powder	2	-	-	8-12 -	3-4	4-6	3-4	4-6
1939	s-Triazine-2-thione, 4,6-di (N-propyl)-hexahydro-3-phenyl-N-thiocarbamyl-	5	-	-	4-6 -	-	4-6	-	-
1940	8-Tri-chloroborazole	10	-	-	- -	-	-	-	-
1941	Tridecanoic acid; x-chloro-x-(1-methylheptyl)-x-nitrophenyl ester	1	-	-	8-12 -	-	-	-	-
1942	4-octyl-2,6-dinitrophenyl ester	2	-	-	- -	-	-	-	-
1943	Triethylamine; 2-(2,2-bis-p-chlorophenyl) vinyl-loxy-	3	8-12	12-16	12-16 -	3-4	4-6	3-4	-
1944	Triethylenemelamine	10	-	-	- -	-	-	-	-
1945	Trihydroxybiphenyl concentrate	10	-	-	- -	-	-	-	-

1946	2,3,5-Triphenyl-2H-tetrazolium chloride	10	-	-	-	-		-	-		-	-
1947	Trisulfide, bis(2-hydroxy-5-chlorophenyl); mono cyclohexylamine salt	1	-	-	4-6	4-6		-	1-2		-	4-6
1948	Biphenyl	5	-	-	-	-		-	-		-	-
1949	Trypan blue	10	-	-	0-1	-		-	-		12-16	-
1950	L-Tyrosine	10	-	-	-	-		-	-		-	-
1951	Umbelliferone, 4, methyl-	10	-	-	-	-		-	-		-	-
1952	9-Undecanoic acid; 2-(2-thiocyanoethoxy) ethyl ester	10	2-3	2-3	2-3	2-3		1-2	2-3		1-2	2-3
1953	2-thiocyanoethyl ester	10	-	-	12-16	-		-	-		-	-
1954	7-Undecyne, 2,2,4,10-tetramethyl-6,9-bis-dimethylamino-	10	-	4-6	3-4	6-8		-	4-6		-	4-6
1955	Urea; complex with 1/6 f. wt. aluminum triiodide sulfate	18	0-1	-	1-2	1-2	-	-	0-1	0-1		
1956	Urea, allyl-	10	-	-	6-8	-		-	-		-	-
1957	x-allyl-3-chlorophenyl-2-thio-	15	0-1	0-1	0-1	1-2	-	-	0-1	0-1		
		30	-	-	0-1	0-1	-	-	0-1	0-1		
1958	x-allyl-2-thio-	30	-	-	-	-	-	-	-	-		
1959	bis(diethylaminopropyl)-2-thio-	30	-	-	-	-	-	-	-	-		
1960	1,3-bis(p-phenoxyphenyl)-2-thio-	30	-	-	-	-	-	-	-	-		
1961	1-[2-(x-chlorobenzalamino) ethyl]-x-ethylene-2-thio-	30	-	-	-	-	-	-	-	-		
1962	1-(p-chlorobenzenesulfonyl)-3-(1,1,3,3-tetramethylbutyl)-	30	-	-	-	-	-	-	-	-		
1963	(3-chloromercuri-2-methoxypropyl)-	24.5	-	-	-	-	-	-	-	-		
1964	x-(3-chlorophenyl)-x-phenyl-	10	8-12	-	12-16	-		8-12	-		-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback				Steelhead				Sockeye			
			E		D		E		D		E		D	
1965	CYANOACETYL-	17.5	-	-	-	-	-	-	-	-				
1966	1-DECANOYL-	30	-	-	-	-	-	-	-	-				
1967	1,3-DIBENZYL-	10	-	-	-	-		-	-			-		-
1968	1-[2-(3,4-DICHLOROBENZENESULFONAMIDO)ETHYL]-X-ETHYLENE-2-THIO-	30	-	-	-	-	-	-	-	-				
1969	X,X-DI-3-CHLOROPHENYL-2-THIO-	30	-	-	-	-	-	-	-	-				
1970	1,3-DIETHYL-1,3-DIPHENYL	30	-	-	0-1	0-1	-	-	0-1	0-1				
1971	1,3-DIETHYL-2-THIO-	16	-	-	-	-	-	-	-	-				
1972	1,3-DILAUROYL-	30	-	-	-	-	-	-	-	-				
1973	X,X-DIMETHYL-X-PHENYL-	30	-	-	-	-	-	-	-	-				
1974	O,O'-DIPHENYLENEBIS [2-THIO-	30	-	-	-	-	-	-	-	-				
1975	1,3-DITRIDECANOYL-	30	-	-	-	-	-	-	-	-				
1976	1-ETHYL-3-(2-HYDROXYETHYL)-2-THIO-	30	-	-	-	-	-	-	-	-				
1977	1-ETHYL-3-(5-NITRO-2-THIAZOLYL)- ("NITHIAZIDE")	10	-	-	-	-		-	-			-		-
1978	X-GUANYL-; MONOSULFATE	14	-	-	-	-	-	-	-	-				
1979	1-LAUROYL-	30	-	-	-	-	-	-	-	-				
1980	1-MYRISTOYL	30	8-12	-	16-24	-	-	-	-	-				
1981	1-N-OCTADECYL-3-(P-TOLUENESULFONYL)-3-TRICHLOROMETHYLSULFENYL-	30	-	-	-	-	-	-	-	-				
1982	1-(P-TOLUENESULFONYL)-3-TRIDECYL-	5	-	-	8-12	-		-	8-12			-		8-12
1983	1-(2,2,2-TRICHLORO-1-HYDROETHYL)-	30	-	-	-	-	-	-	-	-				

1984	1-TRIDECANOYL-	30	-	-	-	-	-	-	-	-			
1985	URIC ACID	23	-	-	-	-	-	-	-	-			
1986	URIDINE, 5-BROMODEOXY-	2.5	-	-	16-24	16-24		-	-			-	-
1987	VALERIC ACID, ETHYL 2-CYANO-2,3-DIETHYL- ESTER	2	-	-	-	-		-	-				
		5	-	-	-	-		-	-				
		10	-	-	0-1	0-1		-	-			4-6	-
		15	0-2	0-2	-	-		-	-				
1988	-HYDROXY-; LACTONE,	2	-	-	-	-		-	-				
		5	-	-	-	-		-	-				
		10	-	-	0-1	0-1		-	-			-	-
1989	4-METHYL-4-NITRO-; ESTER WITH 2-FURANEGLYCONITRILE	10	1-2	-	2-3	-		-	-			-	-
1990	VALERONITRILE, 2,2-DIPHENYL-4-DIMETHYLAMINO-	0.5	7-8	8-11	-	-		-	4-6				
		1	7-9	8-12	12-17	-		3-5	16-24				
		3	-	-	0-1	0-1		0-1	3-4			0-1	3-4
1991	VERSENE ACID JB-1	5	-	-	-	-		-	-				
		10	-	-	0-1	16-24		-	-			-	-
		15	-	-	16-24	-		-	-				
1992	VINSOL NVX	10	-	-	-	-		-	-			-	-
1993	XANTHIC ACID; ALLYL ESTER	15	1-2	1-2	-	-	0-1	0-1	3-4	4-6			
		30	-	-	0-1	0-1	-	-	0-1	0-1			
1994	BUTYL-; ALLYL ESTER	30	-	-	-	-	1-2	-	2-3	6-8			
1995	XANTHIC ACID; BUTYL; CARBETHOXYMETHYL ESTER	1	-	-	2-3	-		-	-			-	-

Table 2. continued.

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D		Steelhead E	Steelhead D		Sockeye E	Sockeye D
1996	crotonyl ester	10	-	-	- -	-	-		-	-
1997	N,N-dihexylcarboxamidomethyl ester	30	-	-	- -	- -	1-2	12-16		
1998	butyl-S-I-octylamino-	30	-	8-12	2-3	12-16	1-2 -	1-2	2-3	
1999	pentyl-; ester with glycolamide	3	-	-	0-1	-	-	8-12	-	-
2000	Xanthic anhydrosulfide	1	-	-	3-4	12-16	-	0-1	-	2-3
2001	Xanthoacetic acid; isobornyl ester	30	-	-	-	- -	-	- -		
2002	Xanthochelidonic acid; diethyl ester sodium derivative	27.5	-	-	-	- -	-	- -		
2003	m-Xylenesulfonic acid; phenyl ester	5	-	-	0-1	0-1	-	-		
		7	1-2	2-3	-	-	-	-		
		10	2-3	2-3	7-12	-	-	5-8		
2004	3,5-Xylenol	10	-	-	0-1	-	-	-	16-24	-
2005	Yohimbine hydrochloride common name ester of 4 monocarboxilic acids	5	16-24	-	-	- -	-	- -		
		10	-	-	0-1	3-4	2-3	3-4	2-3	3-4
2006	Zinc salt of 2-pyridine-thiol-1-oxide "Vancide ZP")	5	-	-	16-24	16-24	-	8-12	-	4-6
2007	Zinc 2,2'-thiobis(4,6-dichlorophenoxide) ("Vancide BZ")	3	-	-	0-1	0-1	-	8-12	-	8-12
2008	Zirconium tetrafluoride	5	-	-	-	- -	-	7-10	-	7-10
		15	-	-	-	- -	-	-		

Rept. No.	Chemical	Conc. mg/L	Stickleback E	Stickleback D	Steelhead E	Steelhead D	Sockeye E	Sockeye D
2009	Anisole, 4-nitro-2,3,5,6 tetrachloro	1	4-6 -	6-8 -	-	-		
		3	0-1 1-2	2-3 2-3	-	-		
		6	1-2 1-2	2-3 3-4	-	-		
		10	- -	4-6 4-6	-	-		
		15	- 1-2	1-2 1-2	-	-		
2010	Carbamic acid, dimethyl; 1-allyl-3-methyl-5-pyrazolyl ester	5	- -	0-1 -	-	-	-	
		10	- -	0-1 0-1	-	-	-	-
		15	- -	0-1 0-1	8-12	-	8-12	-
		15	- -	0-1 0-1	-	-	-	-
2011	Cyanamide, cyanomethyl (1,1,3,3-tetramethylbutyl)	0.5	- -	- -	-	-	-	-
		10	- 0-1	0-1 4-6	1-2	-		
2012	Ethanol 2-(2-isopropoxyethoxy)-	5	- -	0-1 0-1	-	-	-	-
		10	- -	7-10 -	-	-	-	-
2013	Phenol,2-acetyl-4-methyl	30	0-1 0-1	0-1 0-1	0-1	0-1	-	-
2014	Phosphoric acid, diethyl chloro-	2	- -	- 23-24	-	-		
		3	- 5-11	5-11 11-23	-	-		
		4	- 5-11	11-14 11-14	-	-		
		5	- 5-11	2-3 11-14	-	-		
		7	- -	0-2 11-14	-	-		
		10	- -	0-2 0-2	- -	5-11 -		
		20	- -	0-2 0-2	- -	0-2 0-2		

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